

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079206.D
 Acq On : 08 Sep 2023 18:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 08 23:19:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	20382	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	109178	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	94758	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	47500	31.019	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.400%			
60) 4-Bromofluorobenzene	12.853	95	41155	29.476	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.267%			
63) Toluene-d8	10.576	98	145598	32.878	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 109.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	21552	18.959	ug/l	95
3) Chloromethane	2.365	50	25346	22.236	ug/l	91
4) Vinyl Chloride	2.512	62	29819	26.442	ug/l	99
5) Bromomethane	2.948	94	8444	12.200	ug/l	92
6) Chloroethane	3.112	64	20571	29.785	ug/l #	85
7) Trichlorofluoromethane	3.495	101	42250	31.469	ug/l	94
8) Diethyl Ether	3.965	74	14270	28.988	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	22204	30.010	ug/l	91
10) 1,1-Dichloroethene	4.348	96	20881	29.127	ug/l	98
11) Methyl Iodide	4.589	142	8264m	9.151	ug/l	
12) Methyl Acetate	5.036	43	49045	29.356	ug/l	98
13) Acrolein	4.195	56	15109	99.296	ug/l	95
14) Acrylonitrile	5.730	53	64423	131.436	ug/l	96
15) Acetone	4.447	58	17471	136.639	ug/l	82
16) Carbon Disulfide	4.718	76	59073	27.886	ug/l #	93
17) Allyl chloride	5.030	41	29374	25.499	ug/l	91
18) Methylene Chloride	5.283	84	27424	28.521	ug/l	91
19) trans-1,2-Dichloroethene	5.789	96	24690	27.527	ug/l	89
20) Diisopropyl ether	6.677	45	76268	22.177	ug/l #	91
21) 1,1-Dichloroethane	6.571	63	47359	23.507	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	29327	20.907	ug/l	93
23) tert-Butyl Alcohol	5.542	59	22953	121.730	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	74470	26.320	ug/l #	82
25) Chloroform	7.977	83	50489	20.782	ug/l	97
26) Cyclohexane	8.259	56	33320	18.238	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	33473	19.123	ug/l	98
30) 2-Butanone	7.494	43	82638	93.859	ug/l	100
31) 2,2-Dichloropropane	7.500	77	32900	18.843	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	43406	21.048	ug/l	98
33) Carbon Tetrachloride	8.365	117	37518	21.178	ug/l	99
34) Benzene	8.612	78	105638	18.994	ug/l	98
35) Methacrylonitrile	7.788	41	17587	18.552	ug/l	96
36) 1,2-Dichloroethane	8.677	62	38628	21.060	ug/l	97
37) Trichloroethene	9.353	130	26383	20.070	ug/l	92
38) Methylcyclohexane	9.606	83	31560	18.035	ug/l	98
39) 1,2-Dichloropropane	9.630	63	27775	19.361	ug/l	99
40) Dibromomethane	9.718	93	19240	20.337	ug/l	97
41) Bromodichloromethane	9.894	83	39894	21.154	ug/l	98
42) Vinyl Acetate	6.612	43	224799	107.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	34705m	20.755	ug/l	
44) Isopropyl Acetate	8.700	43	55799	18.550	ug/l	99
45) 1,4-Dioxane	9.700	88	10796	360.570	ug/l	96
46) Methyl methacrylate	9.688	41	22029	16.392	ug/l	94
47) n-amyl Acetate	12.500	43	38840	18.360	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	37623	18.440	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	42152	19.806	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	27206	20.498	ug/l	96
51) Ethyl methacrylate	10.882	69	38473	18.770	ug/l	94
52) 1,3-Dichloropropane	11.171	76	45030	19.873	ug/l	97
53) Dibromochloromethane	11.365	129	28773	20.670	ug/l	100
54) 1,2-Dibromoethane	11.476	107	25417	18.859	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	72986	100.212	ug/l	98
56) Bromoform	12.582	173	19741	20.352	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	179323	103.126	ug/l	98
59) 2-Hexanone	11.200	43	125414	102.698	ug/l	99
61) Tetrachloroethene	11.106	164	22610	21.929	ug/l	88
62) Toluene	10.635	91	118039	21.394	ug/l	100
64) Chlorobenzene	11.900	112	63866	19.842	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	24662	20.014	ug/l	97
66) Ethyl Benzene	11.971	91	109328	19.680	ug/l	98
67) m/p-Xylenes	12.076	106	83472	39.934	ug/l	99
68) o-Xylene	12.406	106	41818	20.745	ug/l	95
69) Styrene	12.418	104	66981	20.832	ug/l	97
70) Isopropylbenzene	12.700	105	103579	20.215	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	37626	19.630	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	31821m	19.730	ug/l	
73) Bromobenzene	12.988	156	26889	21.008	ug/l	89
74) n-propylbenzene	13.041	91	116758	19.999	ug/l	99
75) 2-Chlorotoluene	13.129	91	74366	19.865	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	88573	20.906	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	8997	15.845	ug/l	92
78) 4-Chlorotoluene	13.229	91	70207	19.862	ug/l	99
79) tert-butylbenzene	13.447	119	73962	21.268	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	86045	21.266	ug/l	99
81) sec-Butylbenzene	13.623	105	100685	21.161	ug/l	98
82) p-Isopropyltoluene	13.735	119	79424	21.132	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	43638	21.468	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	40923	21.466	ug/l	98
85) n-Butylbenzene	14.065	91	57205	19.984	ug/l	99
86) Hexachloroethane	14.341	117	15645	21.024	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	43269	21.570	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.729	75	6704	20.692	ug/l	96
89) 1,2,4-Trichlorobenzene	15.847	180	16751	19.514	ug/l	98
90) Hexachlorobutadiene	15.506	225	11114	21.315	ug/l	97
91) Naphthalene	15.647	128	36303	16.184	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	16751	19.514	ug/l	98

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

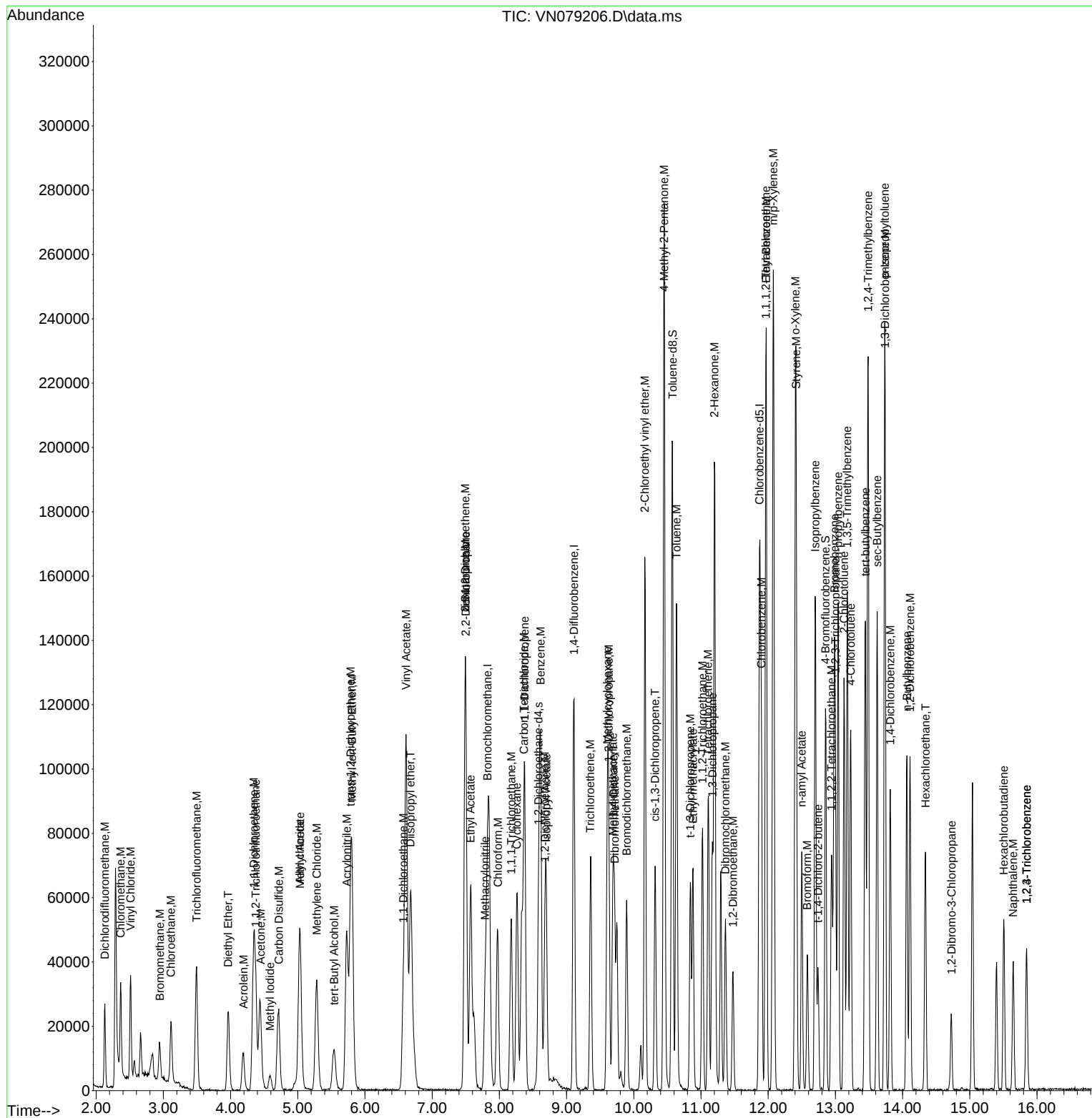
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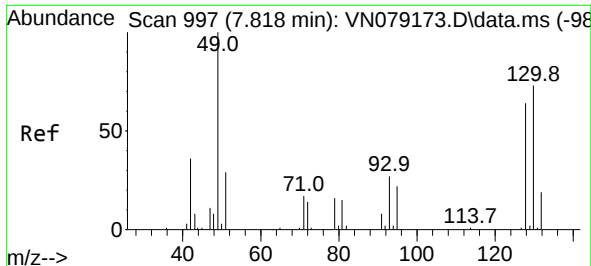
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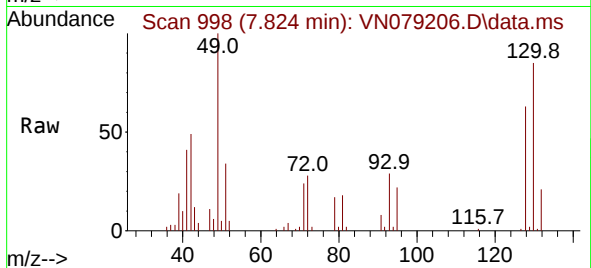
Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

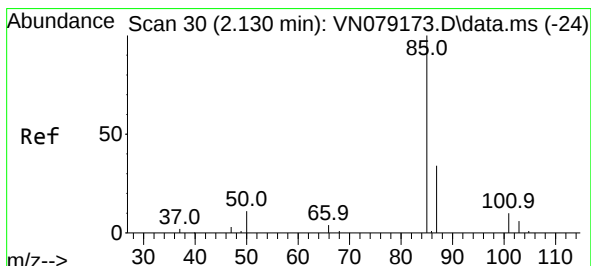
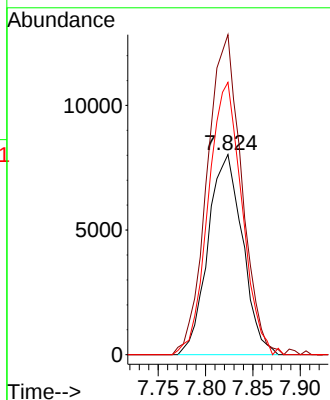
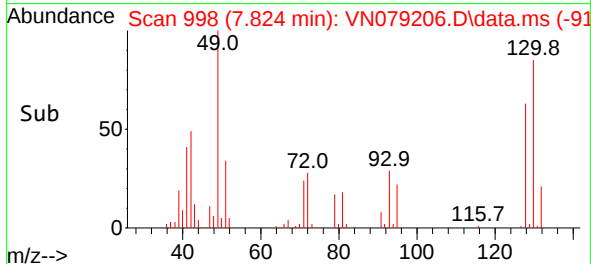
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MSVOA_N
ClientSampleId :
VSTDCCC020EC



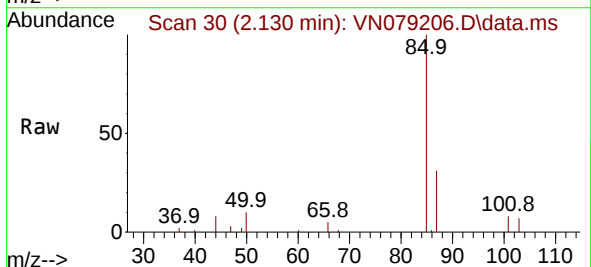
Tgt Ion:128 Resp: 2038
Ion Ratio Lower Upper
128 100
49 160.0 0.0 414.3
130 132.6 0.0 311.0

Manual Integrations
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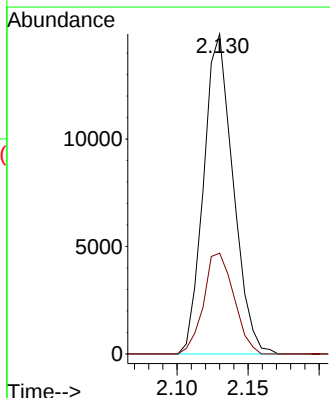
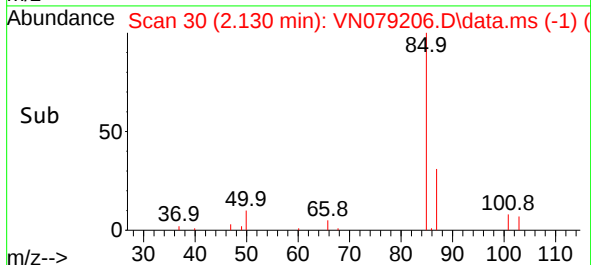
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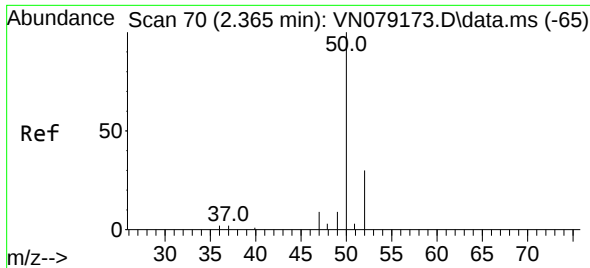


#2
Dichlorodifluoromethane
Concen: 18.959 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 85 Resp: 21552
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7





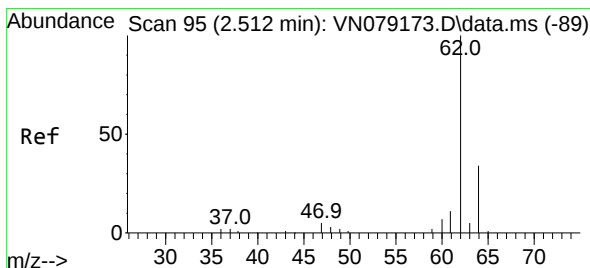
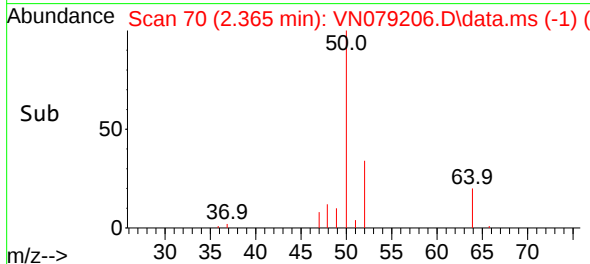
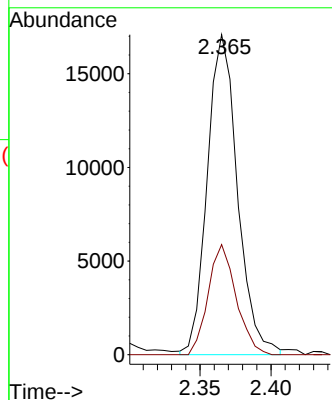
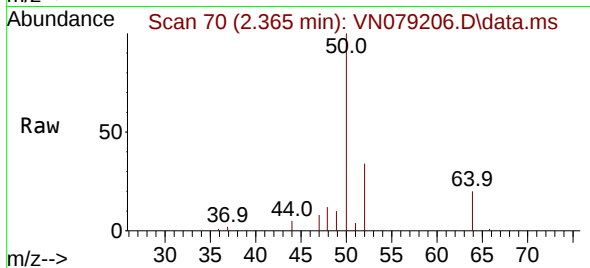
#3
Chloromethane
Concen: 22.236 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079206.D
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Tgt Ion: 50 Resp: 25340
Ion Ratio Lower Upper
50 100
52 34.8 24.0 36.0

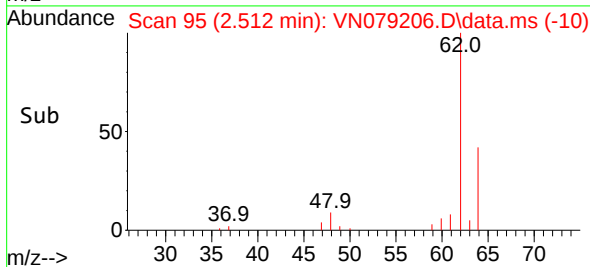
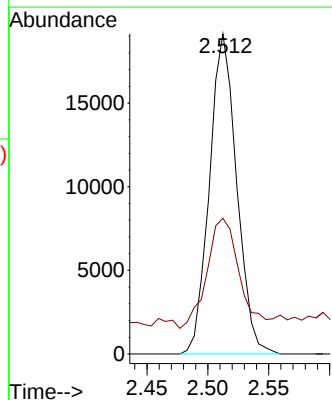
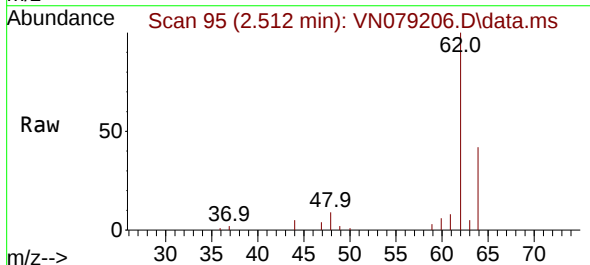
Manual Integrations
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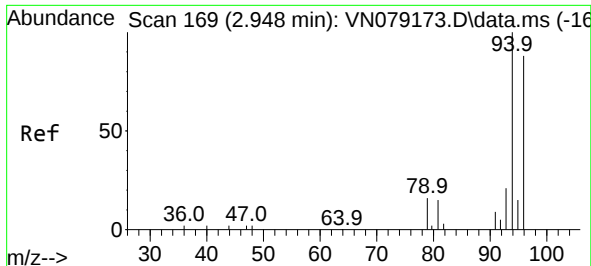
Reviewed By :John Carlone 09/09/2023
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#4
Vinyl Chloride
Concen: 26.442 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

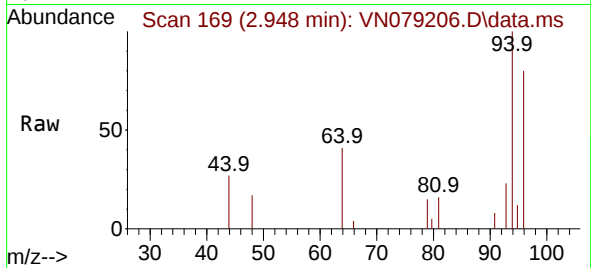
Tgt Ion: 62 Resp: 29819
Ion Ratio Lower Upper
62 100
64 34.4 27.1 40.7





#5
Bromomethane
Concen: 12.200 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

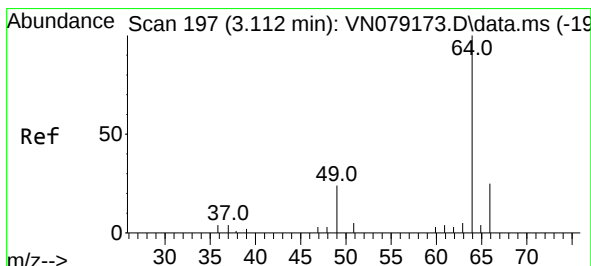
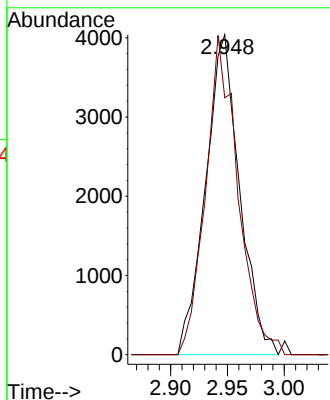
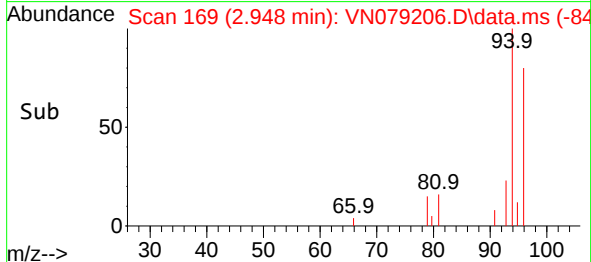
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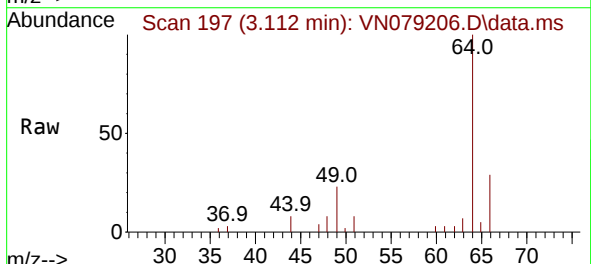
Tgt Ion: 94 Resp: 844
Ion Ratio Lower Upper
94 100
96 80.3 70.6 105.8

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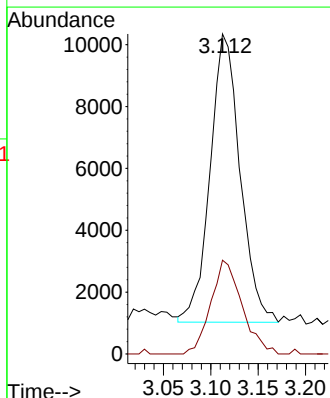
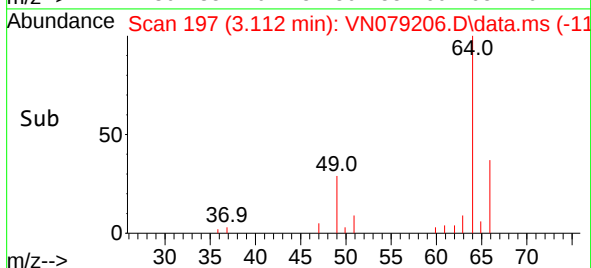
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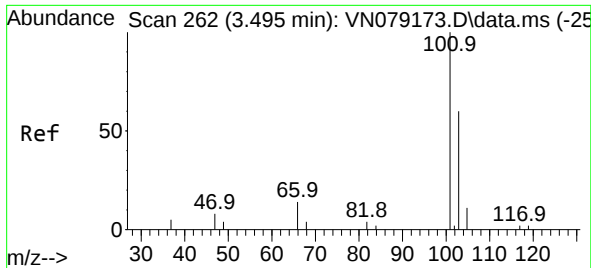


#6
Chloroethane
Concen: 29.785 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



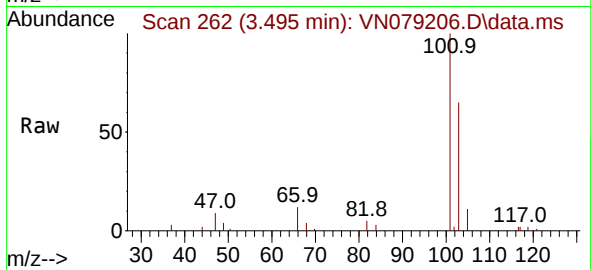
Tgt Ion: 64 Resp: 20571
Ion Ratio Lower Upper
64 100
66 32.6 20.1 30.1#





#7
Trichlorofluoromethane
Concen: 31.469 ug/l
RT: 3.495 min Scan# 206
Delta R.T. -0.000 min
Lab File: VN079206.D
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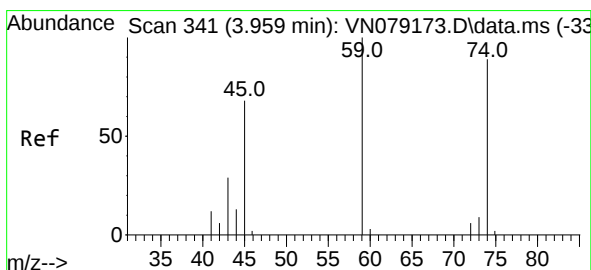
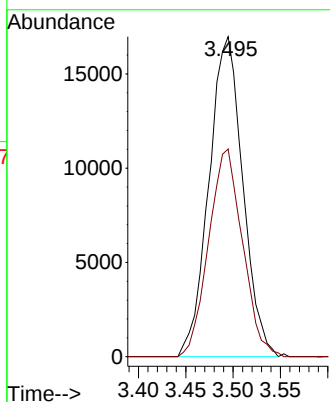
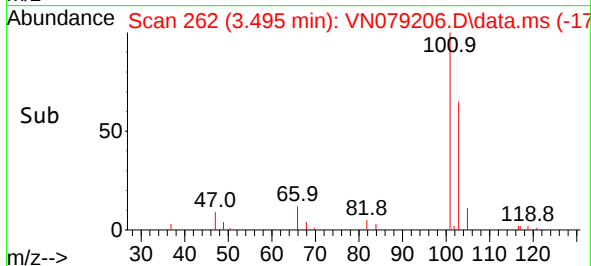
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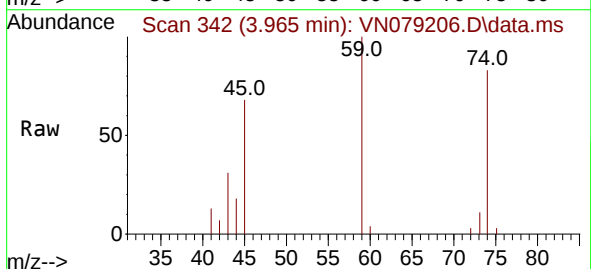
Tgt Ion:101 Resp: 42250
Ion Ratio Lower Upper
101 100
103 64.9 48.2 72.4

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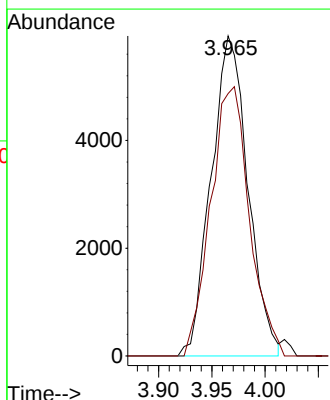
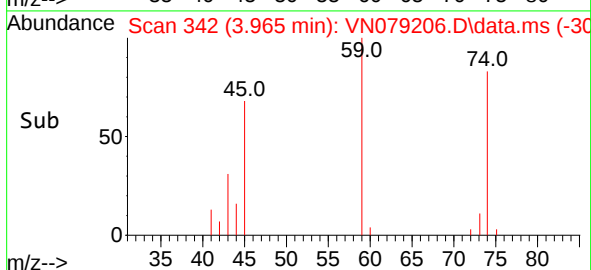
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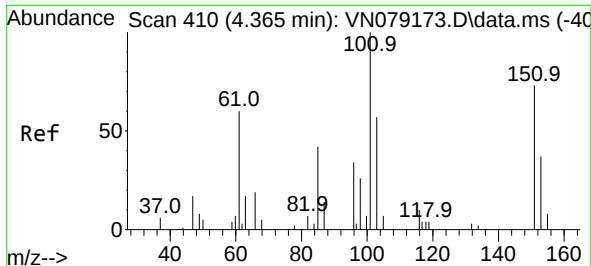


#8
Diethyl Ether
Concen: 28.988 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 74 Resp: 14270
Ion Ratio Lower Upper
74 100
45 88.4 17.6 158.0





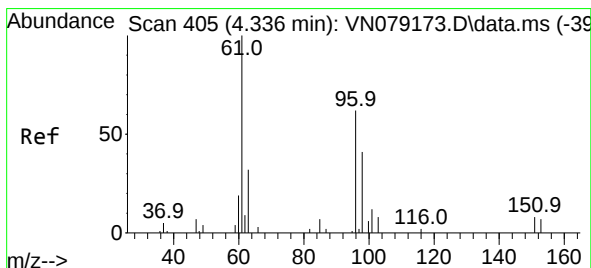
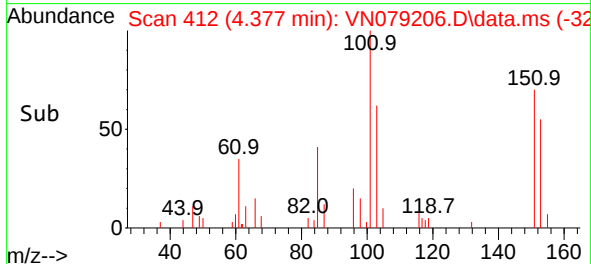
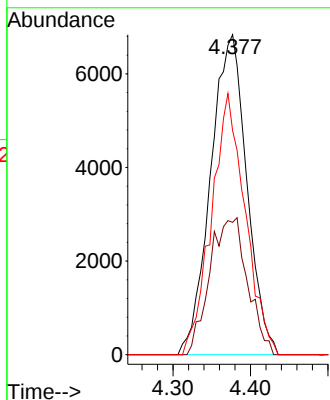
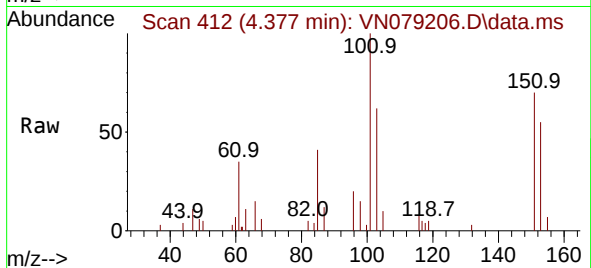
#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.010 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN079206.D
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Tgt Ion:101 Resp: 22204
Ion Ratio Lower Upper
101 100
85 29.6 0.0 85.6
151 76.2 0.0 155.8

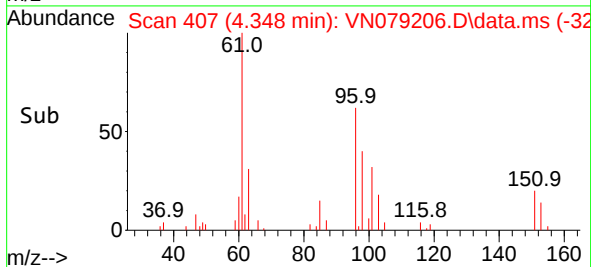
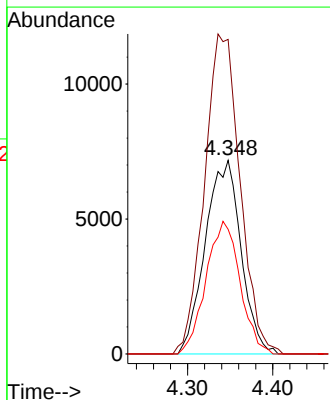
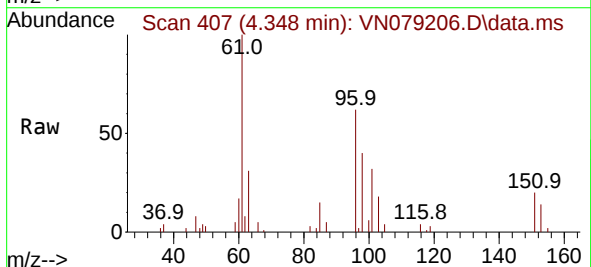
Manual Integrations
APPROVED

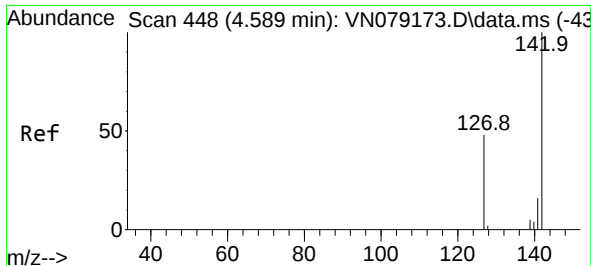
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
1,1-Dichloroethene
Concen: 29.127 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

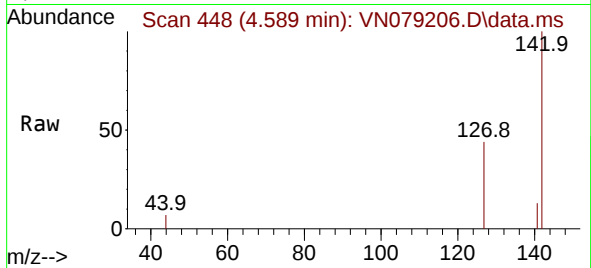
Tgt Ion: 96 Resp: 20881
Ion Ratio Lower Upper
96 100
61 159.8 130.2 195.2
98 64.3 52.3 78.5





#11
Methyl Iodide
Concen: 9.151 ug/l m
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

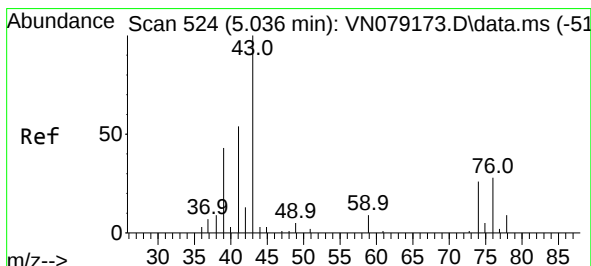
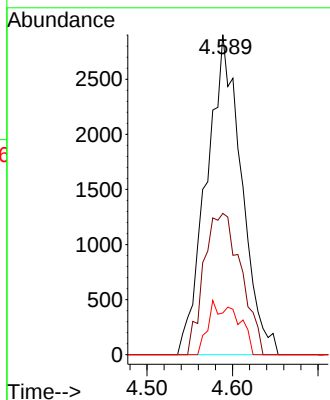
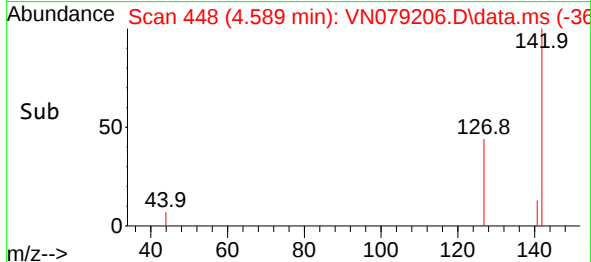
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 8264
Ion Ratio Lower Upper
142 100
127 44.1 23.8 71.4
141 13.0 8.2 24.6

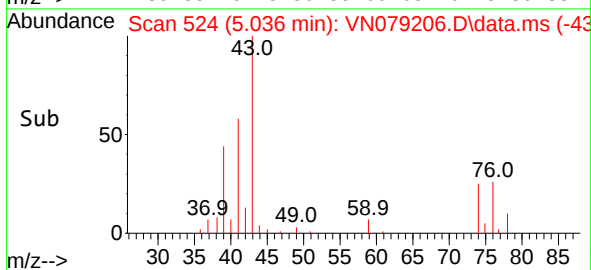
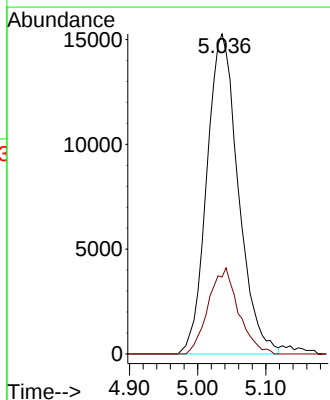
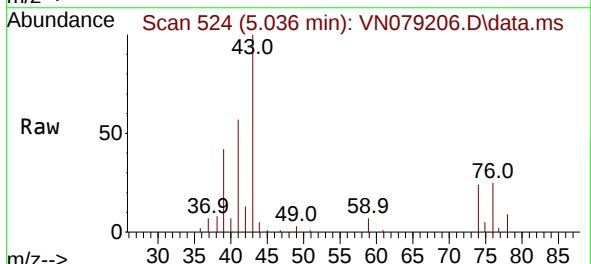
Manual Integrations
APPROVED

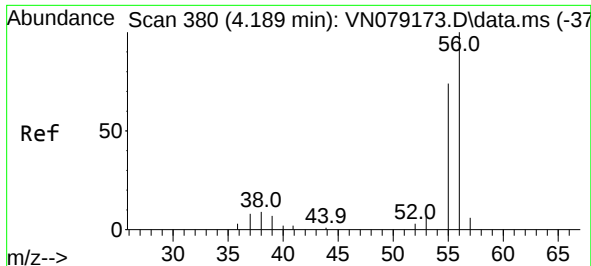
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
Methyl Acetate
Concen: 29.356 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

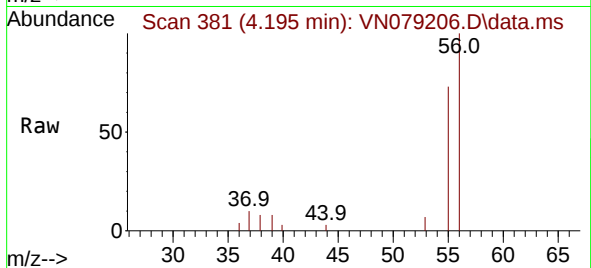
Tgt Ion: 43 Resp: 49045
Ion Ratio Lower Upper
43 100
74 24.3 20.4 30.6





#13
Acrolein
Concen: 99.296 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

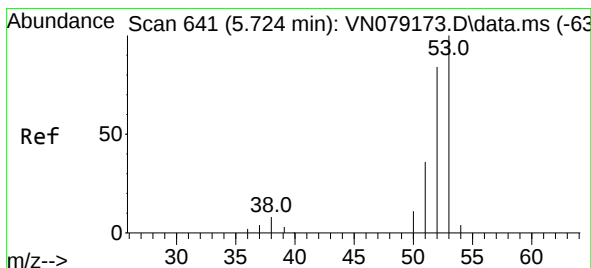
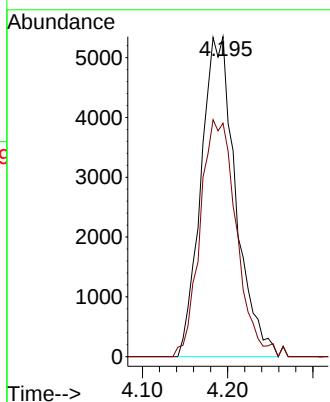
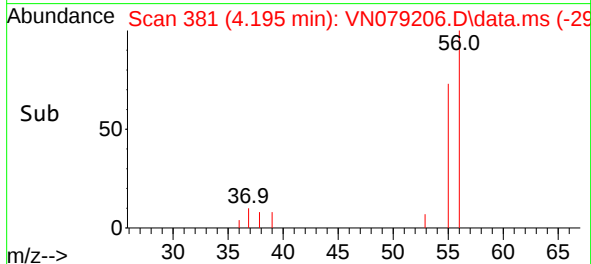
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



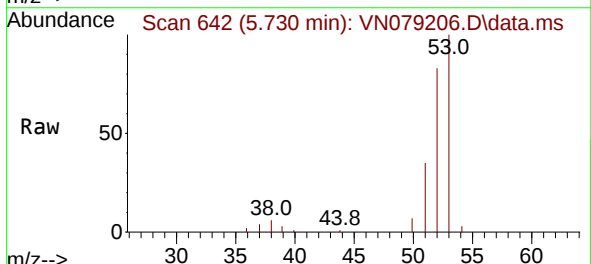
Tgt Ion: 56 Resp: 15109
Ion Ratio Lower Upper
56 100
55 76.1 57.7 86.5

Manual Integrations
APPROVED

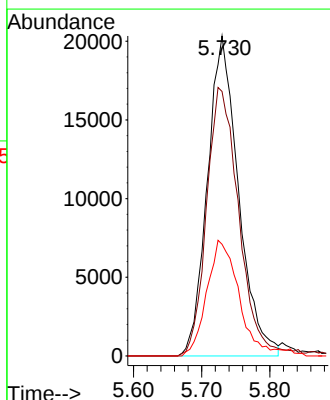
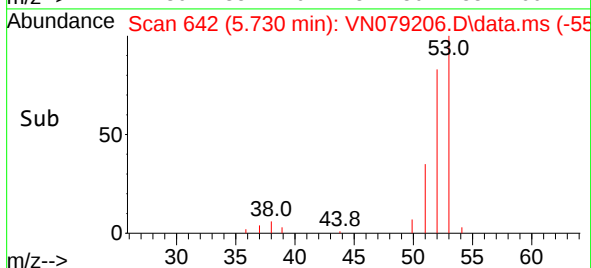
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

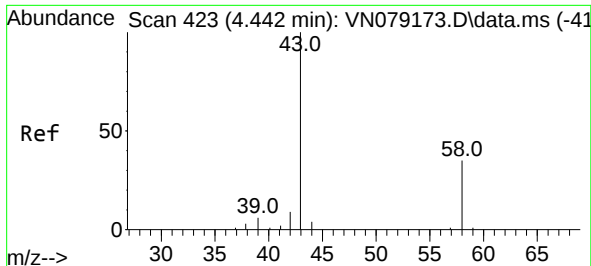


#14
Acrylonitrile
Concen: 131.436 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 53 Resp: 64423
Ion Ratio Lower Upper
53 100
52 86.9 41.4 124.4
51 36.7 17.3 51.9





#15

Acetone

Concen: 136.639 ug/l

RT: 4.447 min Scan# 41

Delta R.T. 0.005 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1747

Ion Ratio Lower Upper

58 100

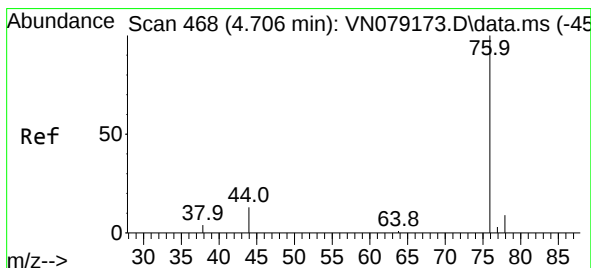
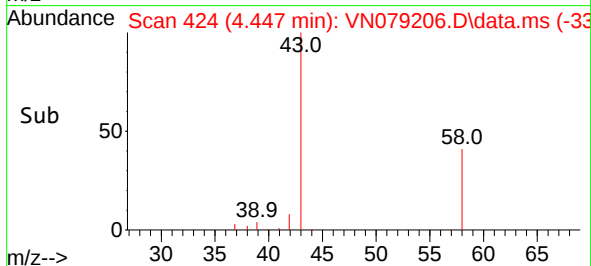
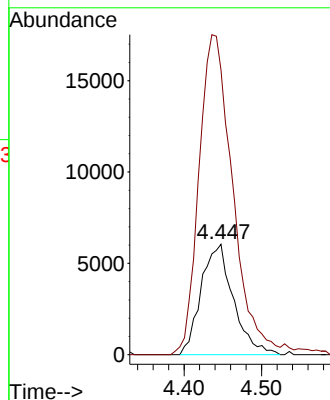
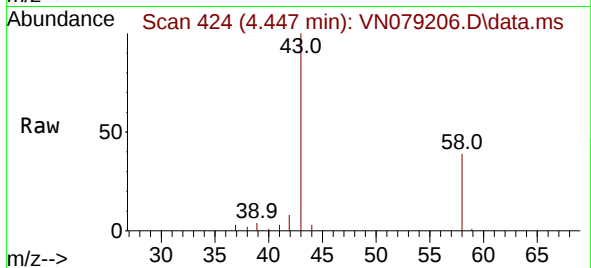
43 251.1 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#16

Carbon Disulfide

Concen: 27.886 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN079206.D

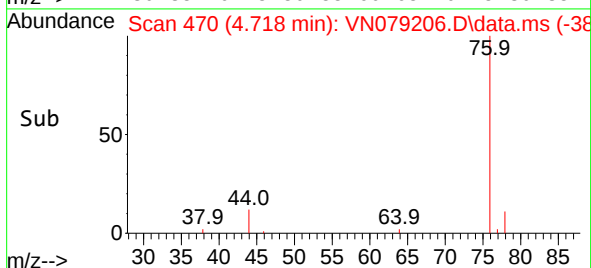
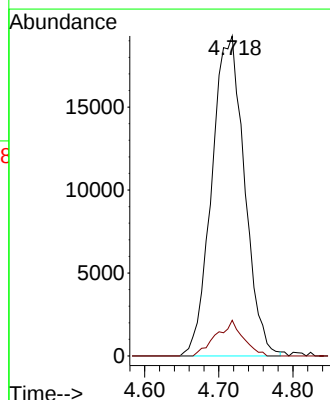
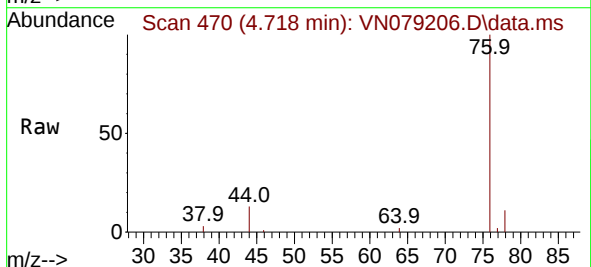
Acq: 08 Sep 2023 18:43

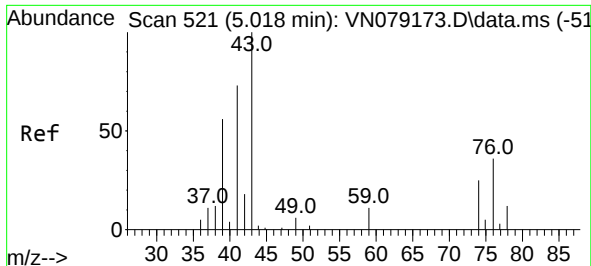
Tgt Ion: 76 Resp: 59073

Ion Ratio Lower Upper

76 100

78 11.2 6.9 10.3#





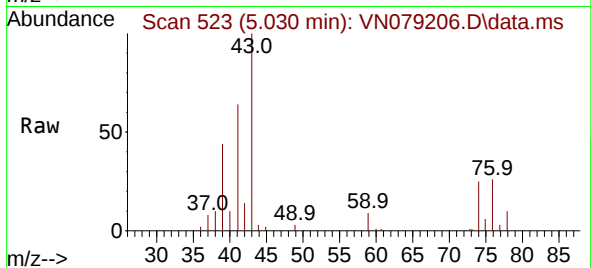
#17
 Allyl chloride
 Concen: 25.499 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



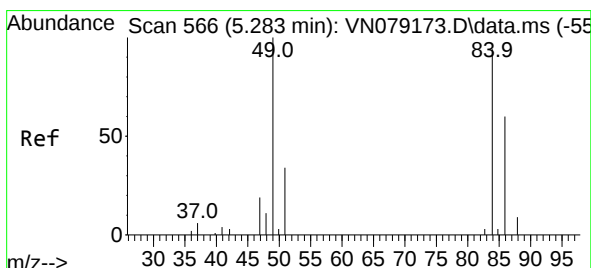
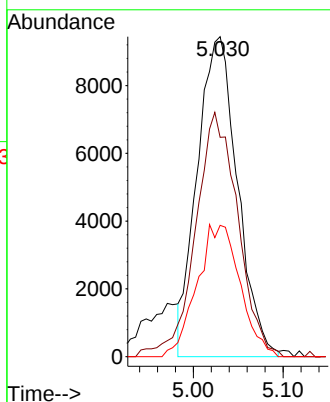
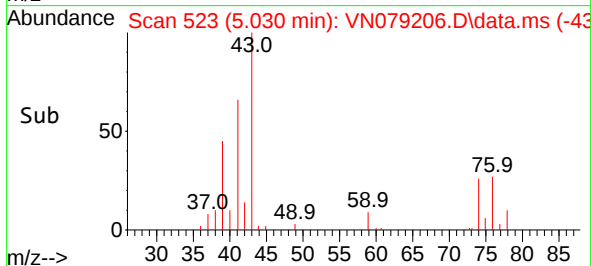
Tgt Ion: 41 Resp: 29374
 Ion Ratio Lower Upper
 41 100
 39 68.0 38.3 114.8
 76 41.8 23.7 71.1

Manual Integrations

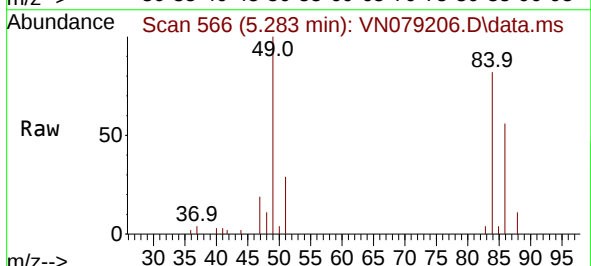
APPROVED

Reviewed By :John Carlone 09/09/2023

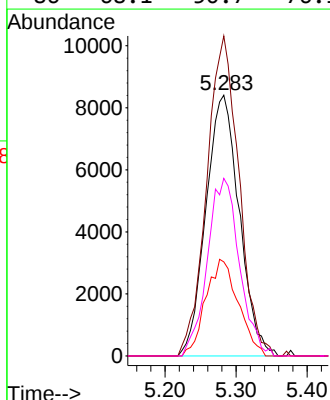
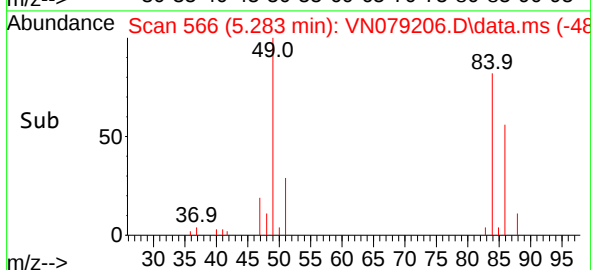
Supervised By :Mahesh Dadoda 09/11/2023

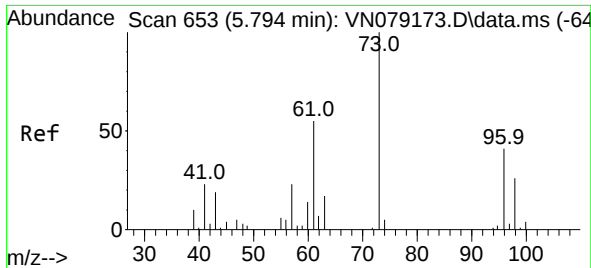


#18
 Methylene Chloride
 Concen: 28.521 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43



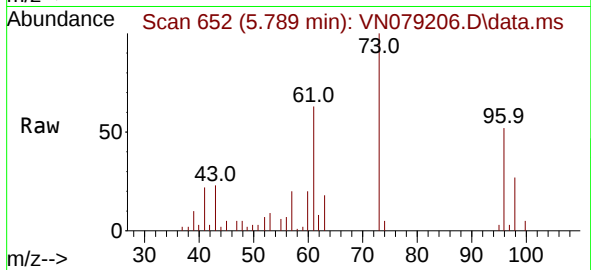
Tgt Ion: 84 Resp: 27424
 Ion Ratio Lower Upper
 84 100
 49 122.7 86.9 130.3
 51 36.0 28.6 43.0
 86 68.1 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 27.527 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

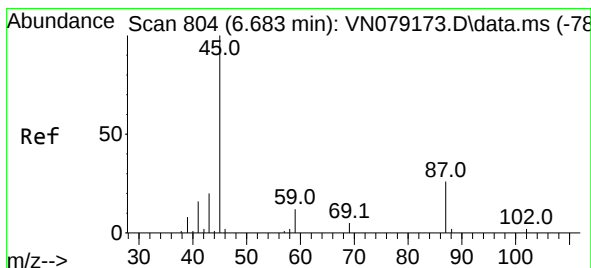
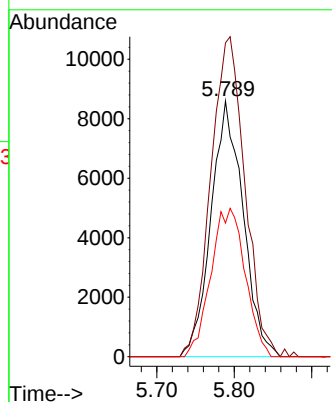
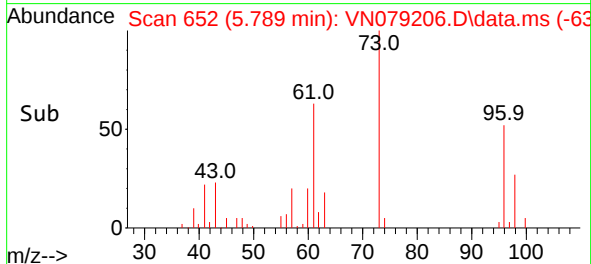
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 24690
Ion Ratio Lower Upper
96 100
61 122.7 106.6 159.8
98 52.3 51.0 76.4

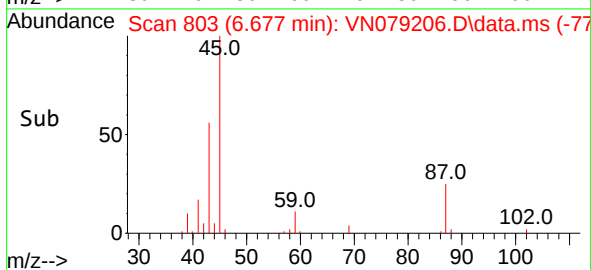
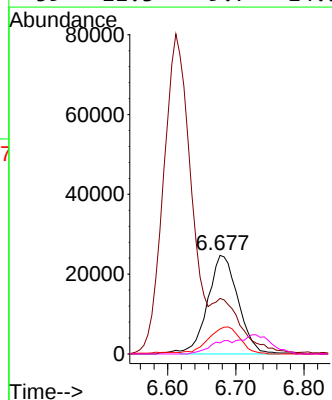
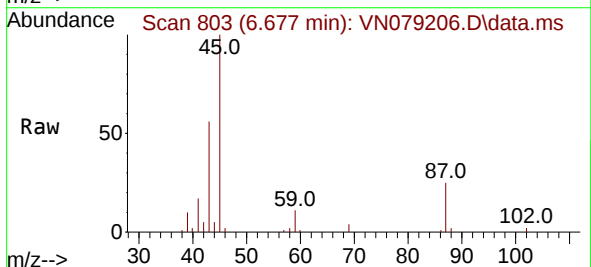
Manual Integrations
APPROVED

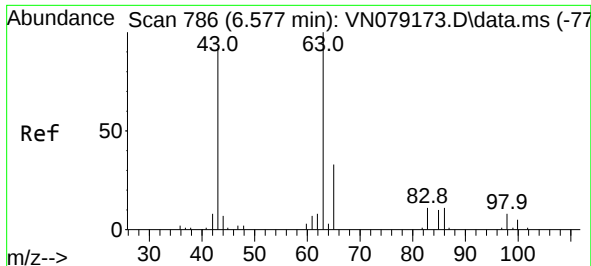
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Diisopropyl ether
Concen: 22.177 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 45 Resp: 76268
Ion Ratio Lower Upper
45 100
43 53.4 34.9 52.3#
87 25.6 21.5 32.3
59 11.3 9.7 14.5





#21

1,1-Dichloroethane

Concen: 23.507 ug/l

RT: 6.571 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

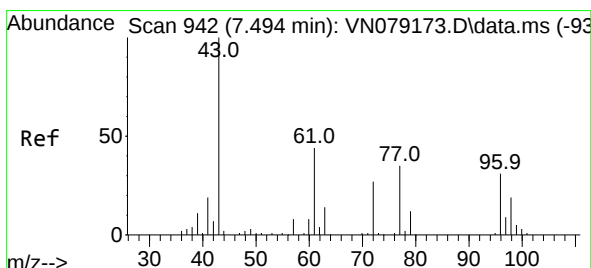
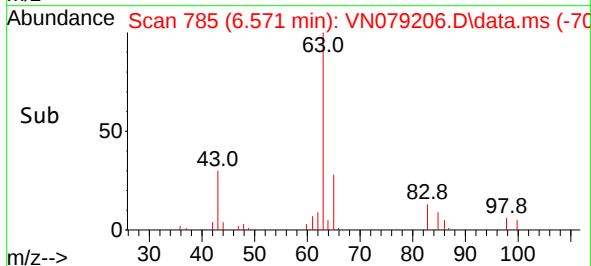
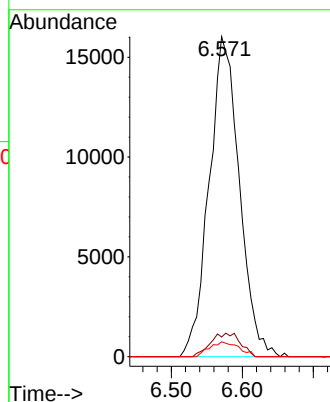
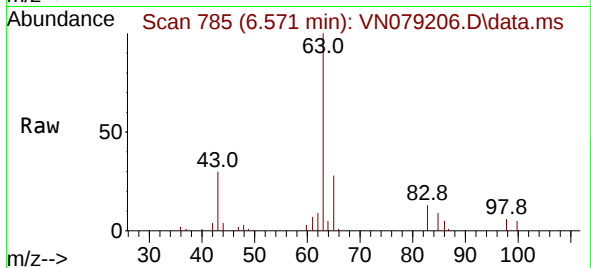
Tgt Ion:	63	Resp:	4735
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.9	11.5
100	4.7	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#22

cis-1,2-Dichloroethene

Concen: 20.907 ug/l

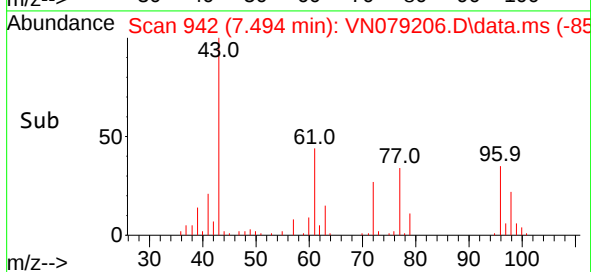
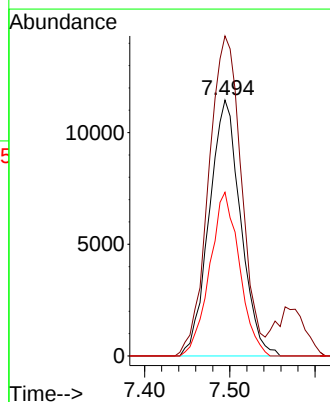
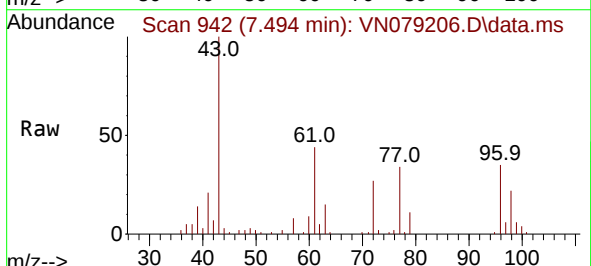
RT: 7.494 min Scan# 942

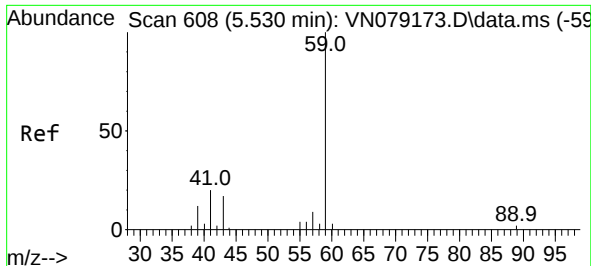
Delta R.T. 0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Tgt Ion:	96	Resp:	29327
Ion Ratio	Lower	Upper	
96	100		
61	130.4	113.0	169.6
98	60.6	50.2	75.4





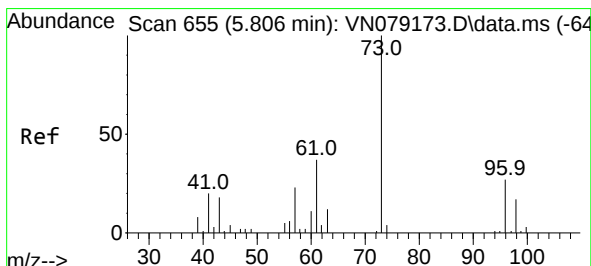
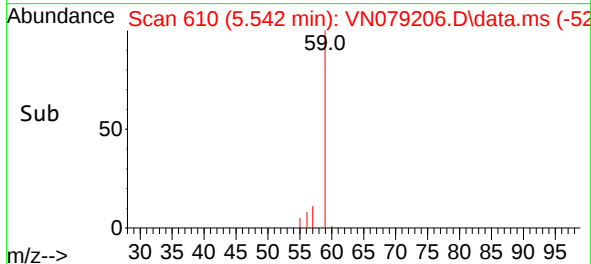
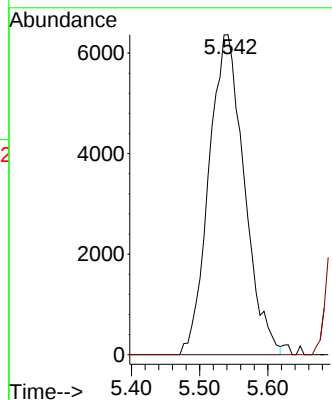
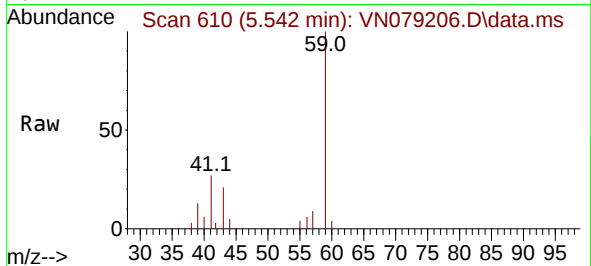
#23
tert-Butyl Alcohol
Concen: 121.730 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2295
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

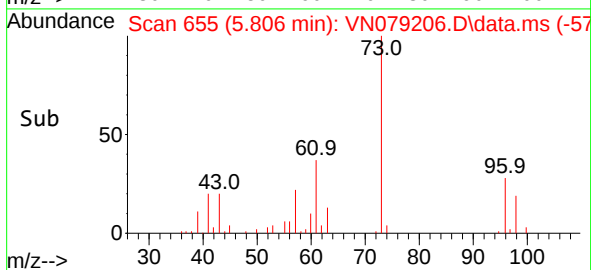
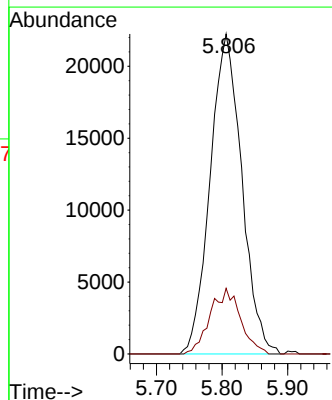
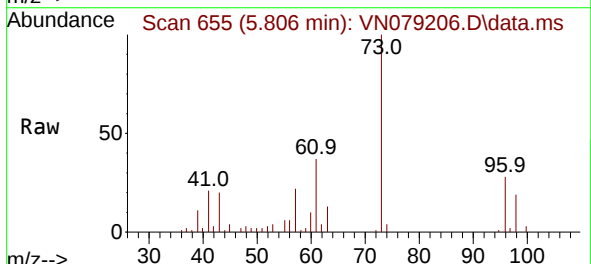
Manual Integrations
APPROVED

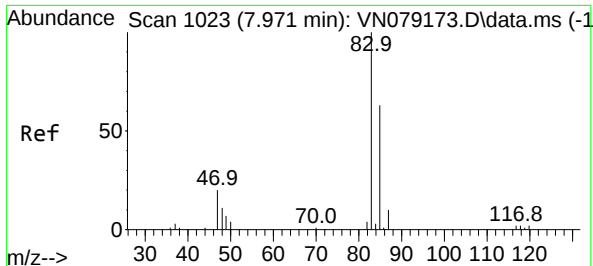
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#24
Methyl tert-Butyl Ether
Concen: 26.320 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 73 Resp: 74470
Ion Ratio Lower Upper
73 100
43 10.5 14.7 22.1#





#25

Chloroform

Concen: 20.782 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

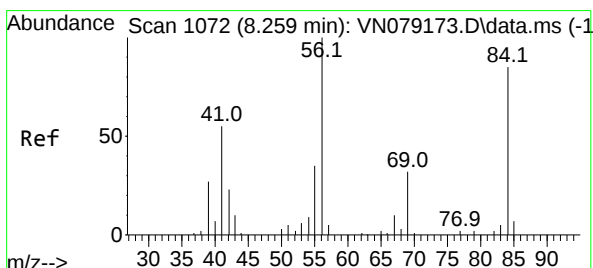
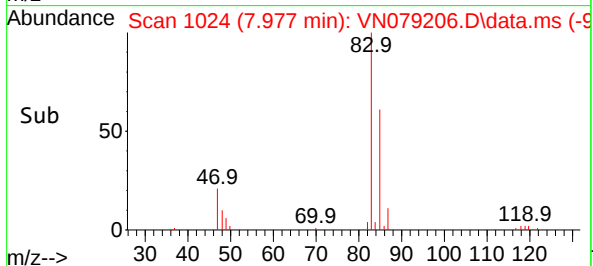
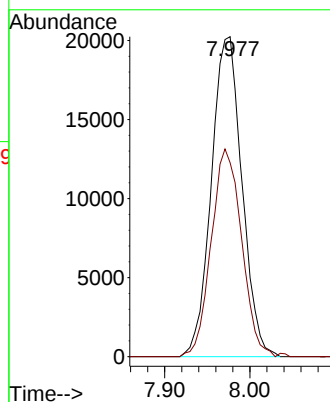
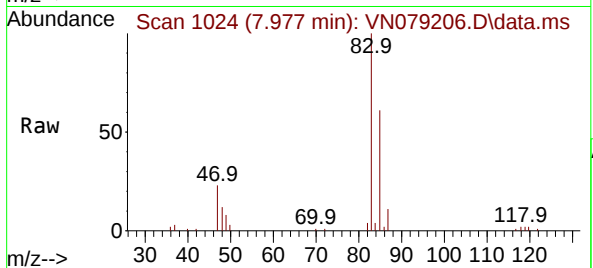
Tgt Ion: 83 Resp: 50489
 Ion Ratio Lower Upper
 83 100
 85 60.6 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

Cyclohexane

Concen: 18.238 ug/l

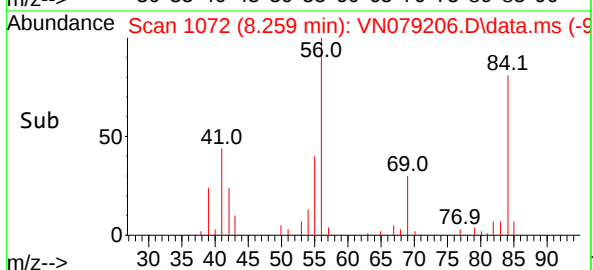
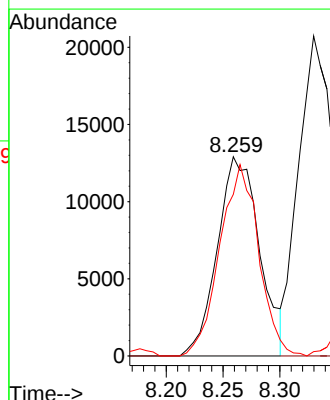
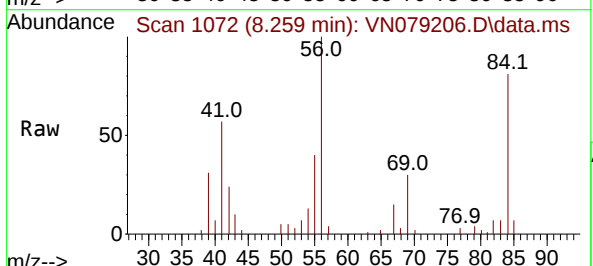
RT: 8.259 min Scan# 1072

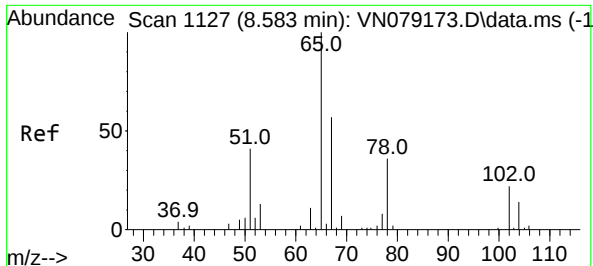
Delta R.T. 0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Tgt Ion: 56 Resp: 33320
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 88.4 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 31.019 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

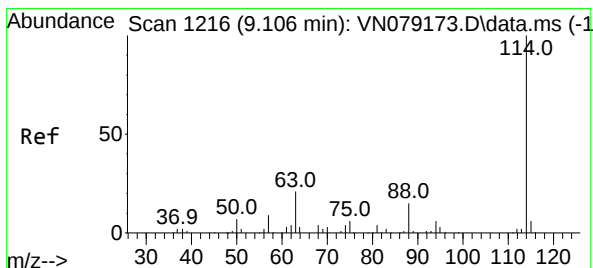
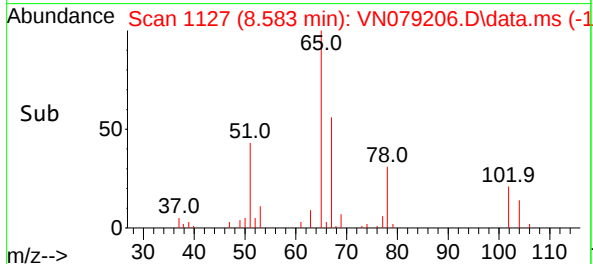
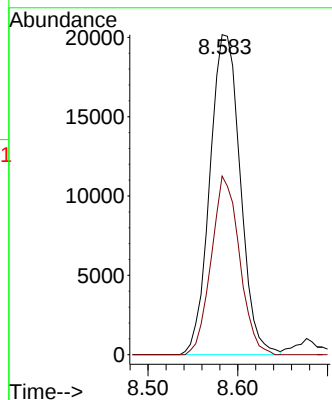
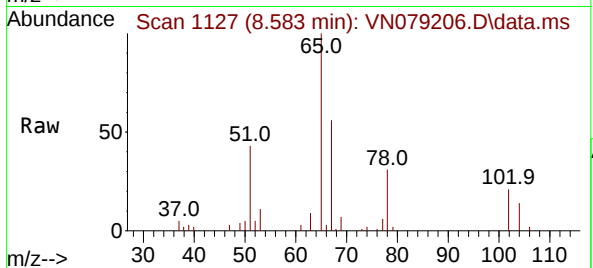
VSTDC020EC

Tgt Ion: 65 Resp: 47500
Ion Ratio Lower Upper
65 100
67 51.7 44.4 66.6

Manual Integrations

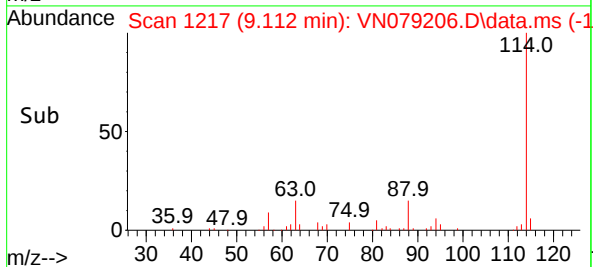
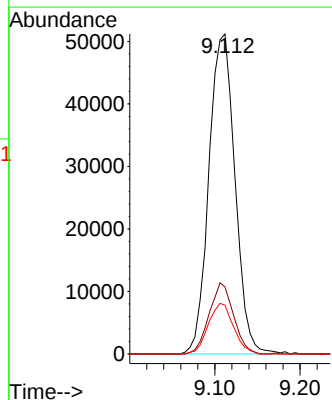
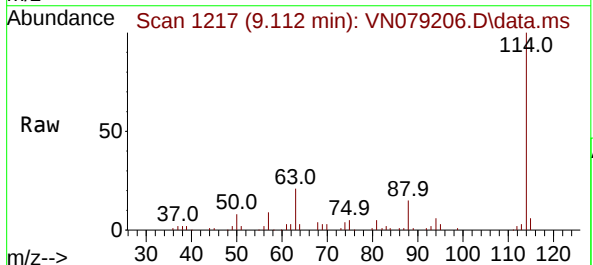
APPROVED

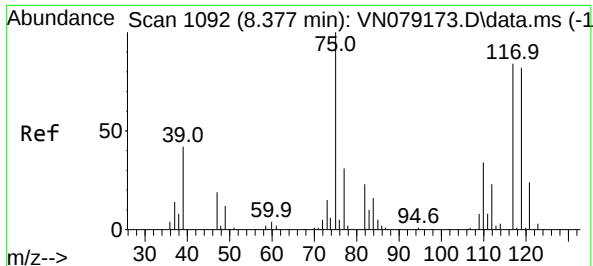
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion:114 Resp: 109178
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 15.3 12.8 19.2





#29

1,1-Dichloropropene

Concen: 19.123 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3347

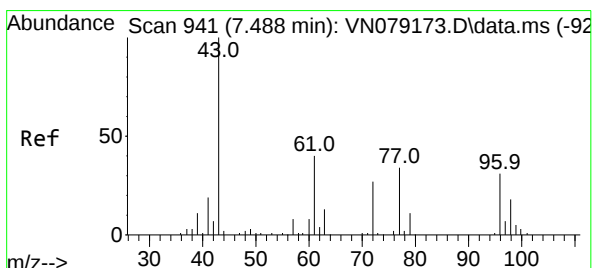
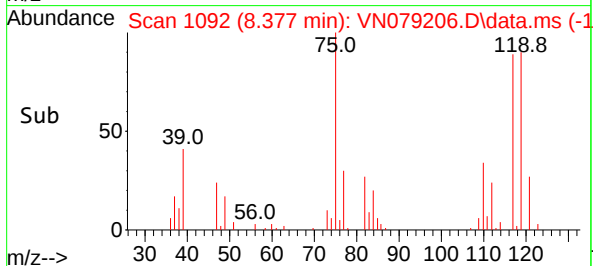
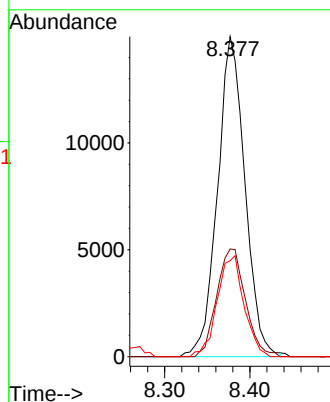
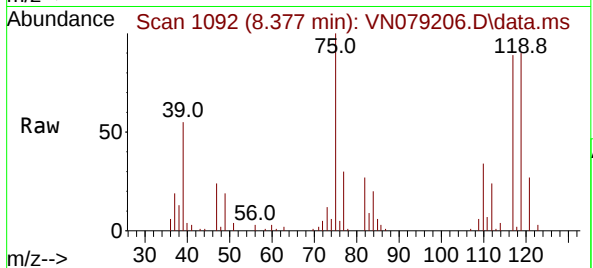
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	68.4
77	30.8	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

2-Butanone

Concen: 93.859 ug/l

RT: 7.494 min Scan# 942

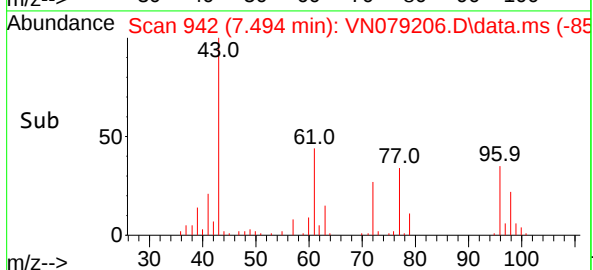
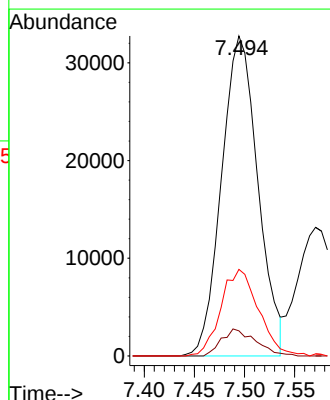
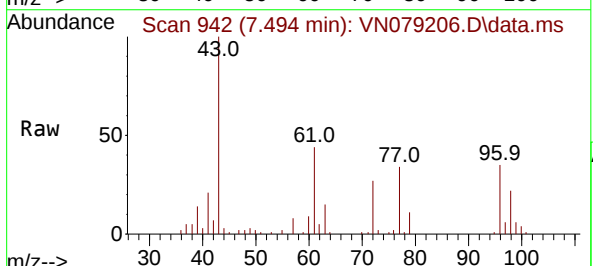
Delta R.T. 0.006 min

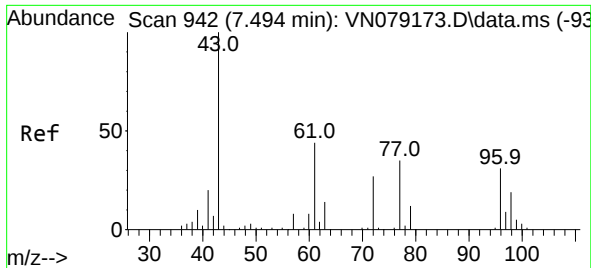
Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Tgt Ion: 43 Resp: 82638

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.8	10.2
72	28.0	22.4	33.6





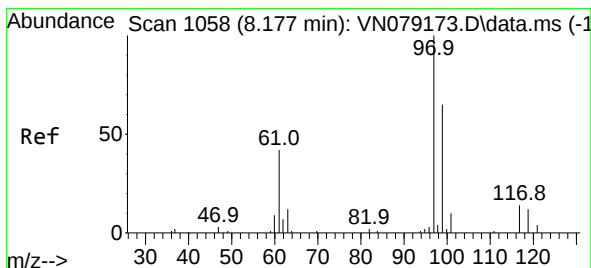
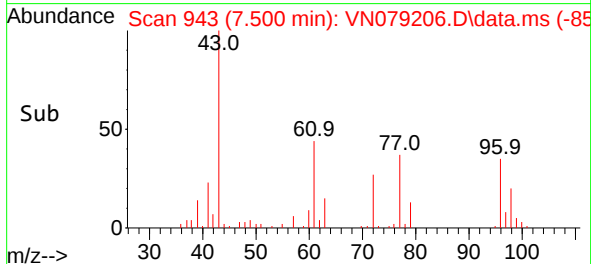
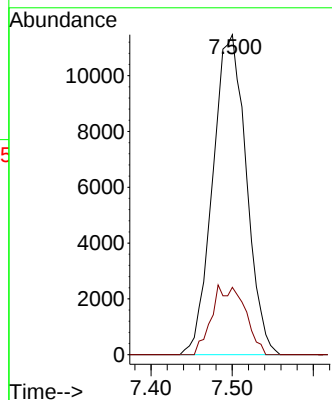
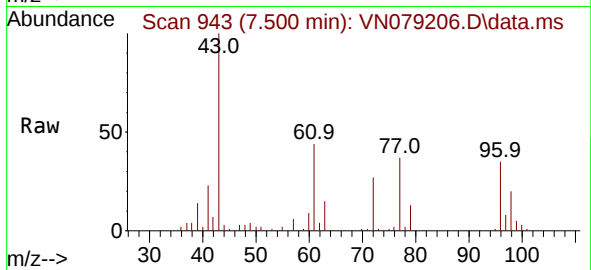
#31
2,2-Dichloropropane
Concen: 18.843 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 32900
Ion Ratio Lower Upper
77 100
97 12.6 17.8 26.8

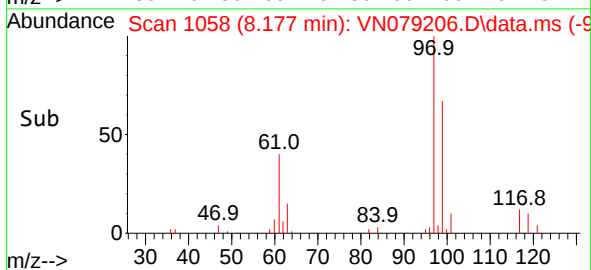
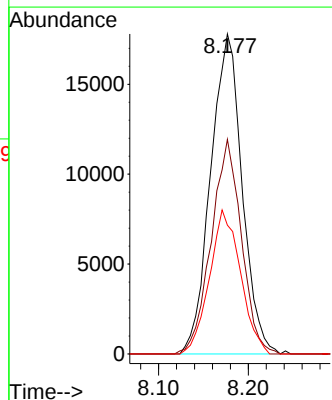
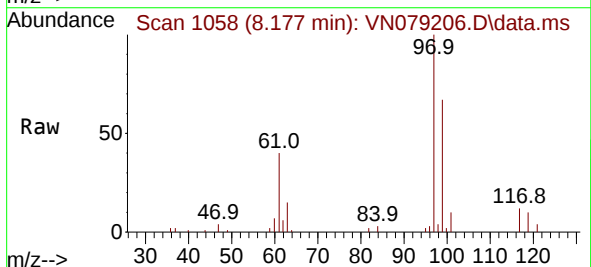
Manual Integrations
APPROVED

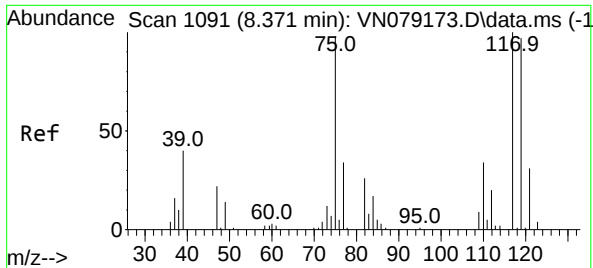
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 21.048 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

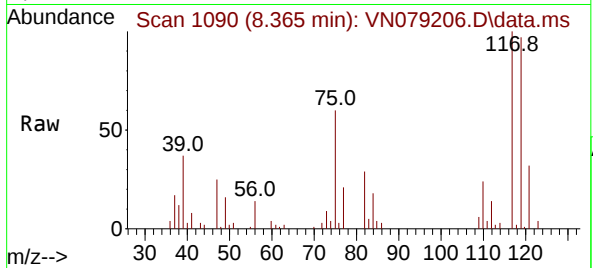
Tgt Ion: 97 Resp: 43406
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 44.3 33.4 50.0





#33
Carbon Tetrachloride
Concen: 21.178 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

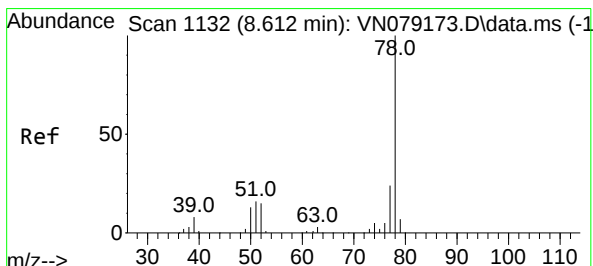
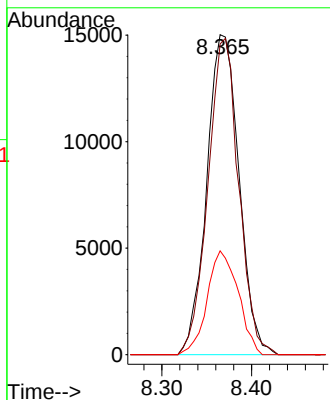
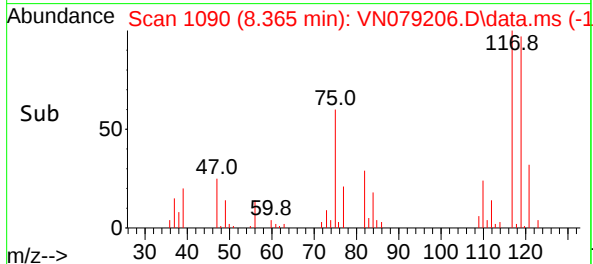
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 37518
Ion Ratio Lower Upper
117 100
119 97.1 77.9 116.9
121 32.5 25.1 37.7

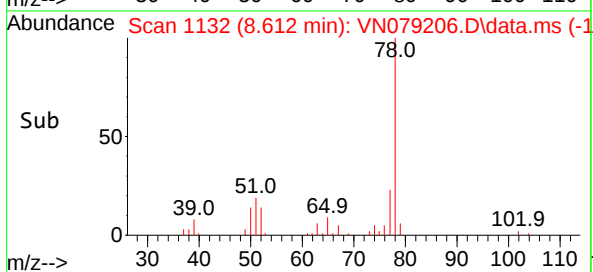
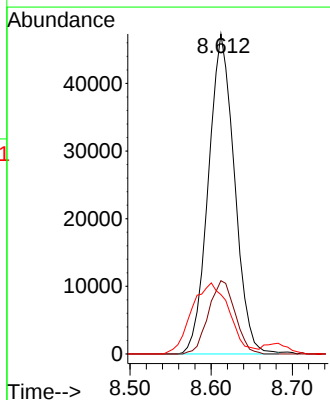
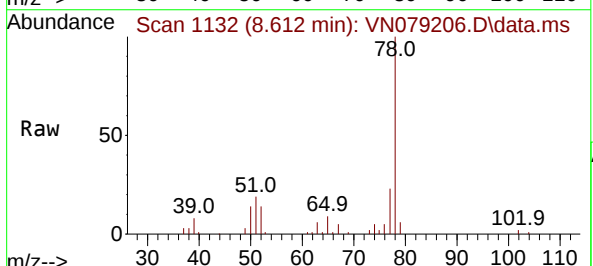
Manual Integrations
APPROVED

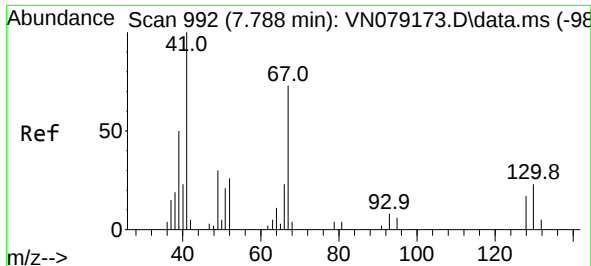
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#34
Benzene
Concen: 18.994 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 78 Resp: 105638
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3
51 15.6 13.1 19.7





#35
Methacrylonitrile
Concen: 18.552 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

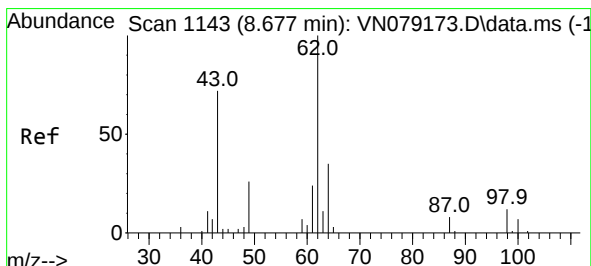
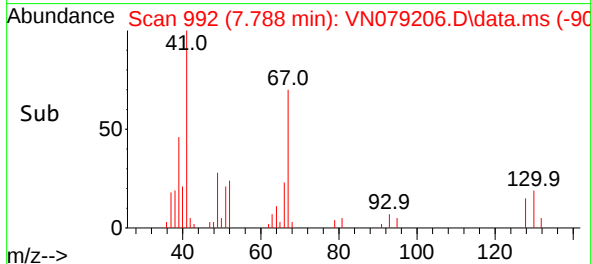
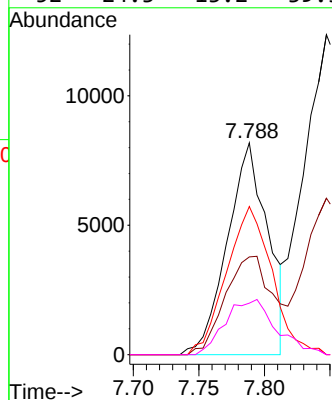
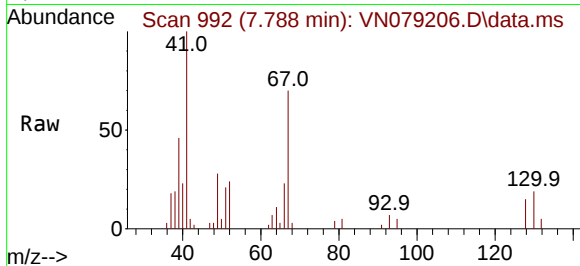
VSTDCCC020EC

Tgt Ion: 41 Resp: 1758
Ion Ratio Lower Upper
41 100
39 46.1 24.9 74.6
67 70.0 36.7 110.1
52 24.3 13.2 39.5

Manual Integrations

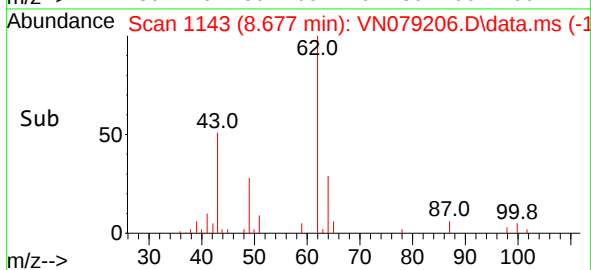
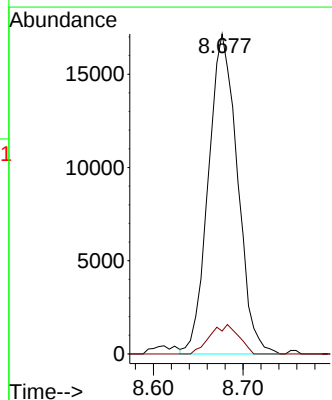
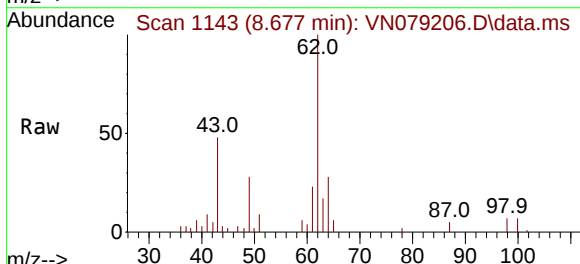
APPROVED

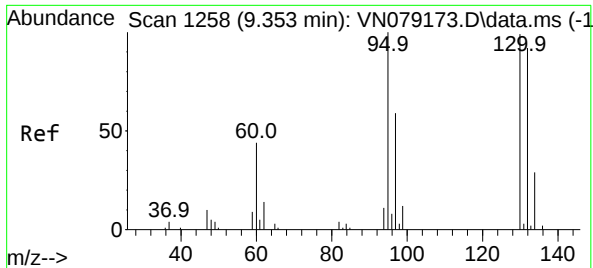
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,2-Dichloroethane
Concen: 21.060 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 62 Resp: 38628
Ion Ratio Lower Upper
62 100
98 9.1 8.2 12.2





#37

Trichloroethene

Concen: 20.070 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 2638

Ion Ratio Lower Upper

130 100

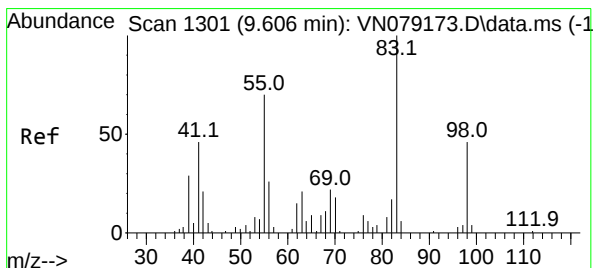
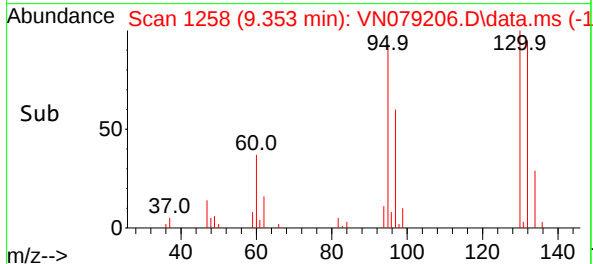
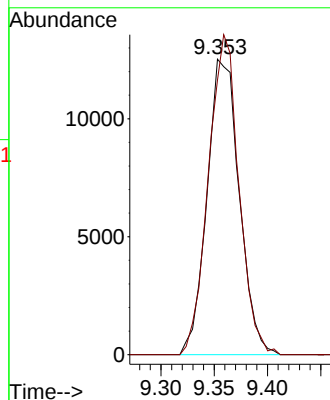
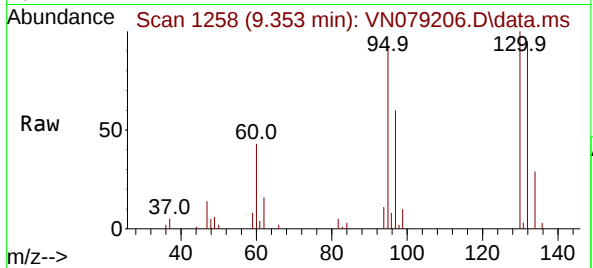
95 92.9 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Methylcyclohexane

Concen: 18.035 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

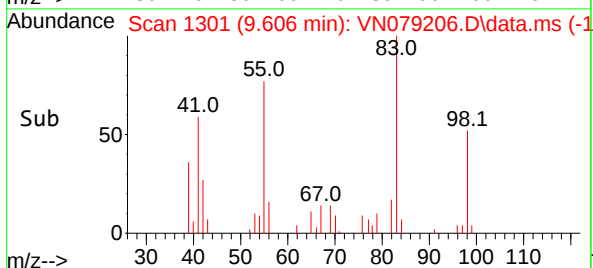
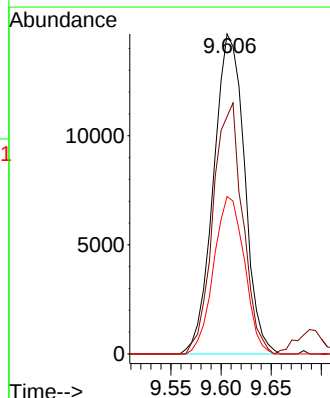
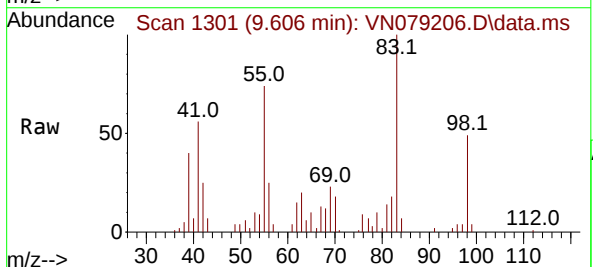
Tgt Ion: 83 Resp: 31560

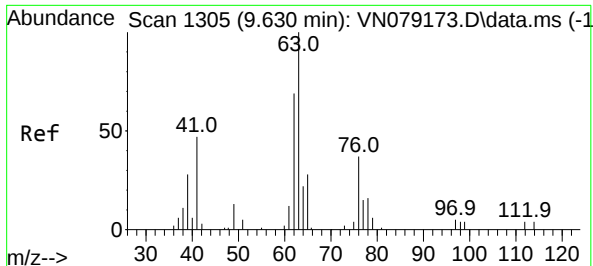
Ion Ratio Lower Upper

83 100

55 74.9 39.1 117.2

98 48.7 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.361 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2777

Ion Ratio Lower Upper

63 100

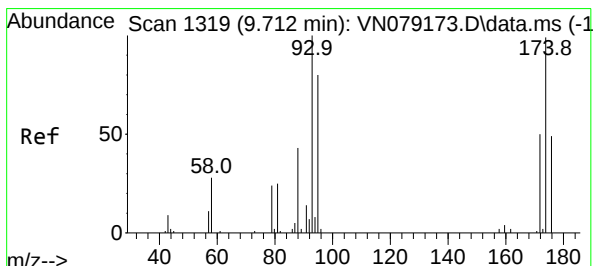
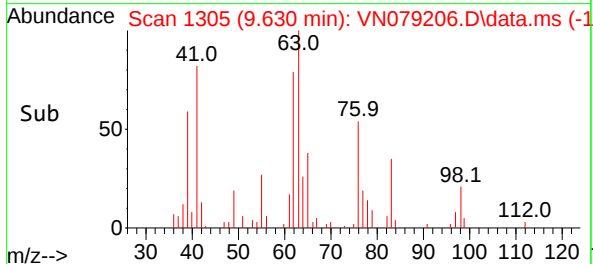
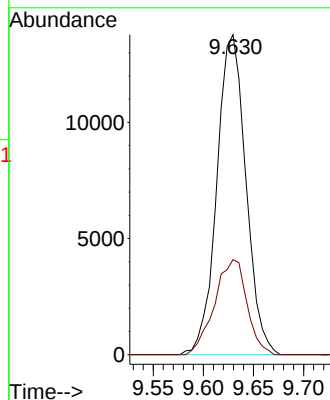
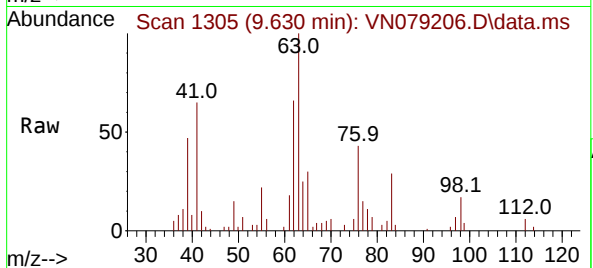
65 29.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Dibromomethane

Concen: 20.337 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

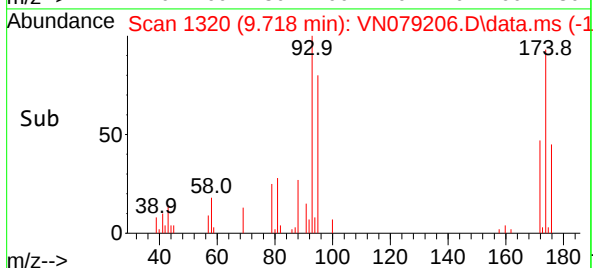
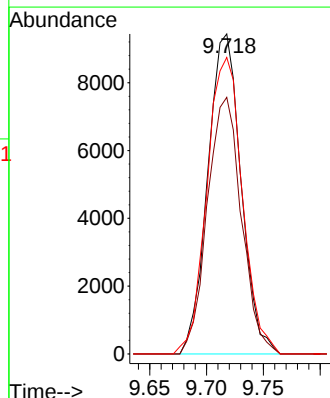
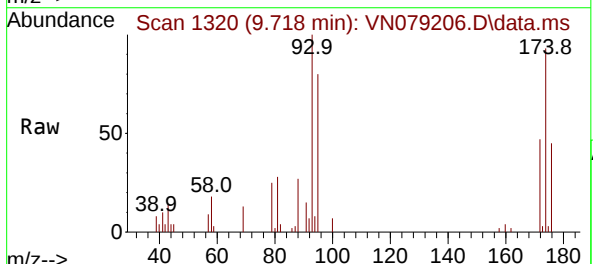
Tgt Ion: 93 Resp: 19240

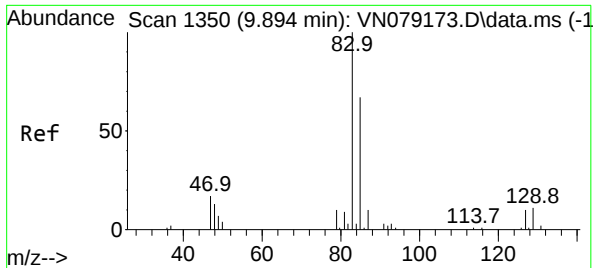
Ion Ratio Lower Upper

93 100

95 82.0 0.0 172.4

174 98.4 0.0 192.4





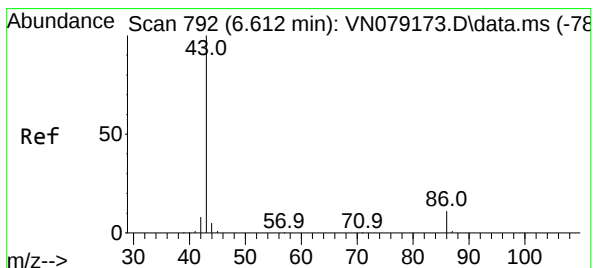
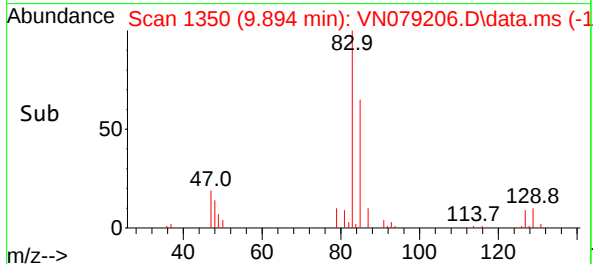
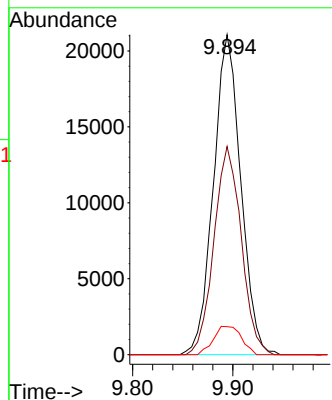
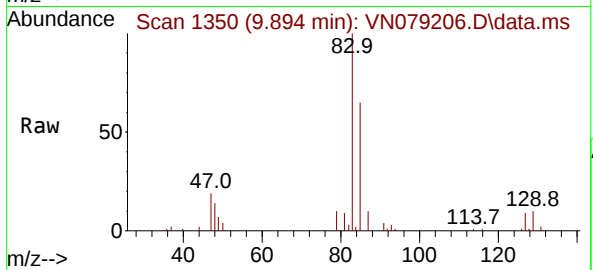
#41
Bromodichloromethane
Concen: 21.154 ug/l
RT: 9.894 min Scan# 11350
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 39894
Ion Ratio Lower Upper
83 100
85 65.1 53.4 80.2
127 8.7 8.3 12.5

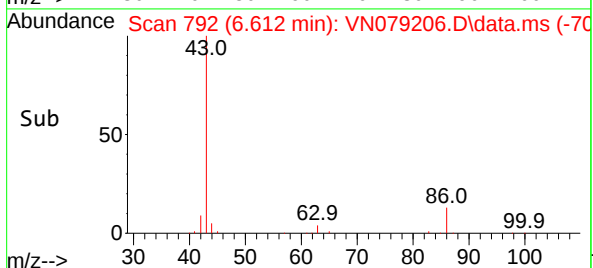
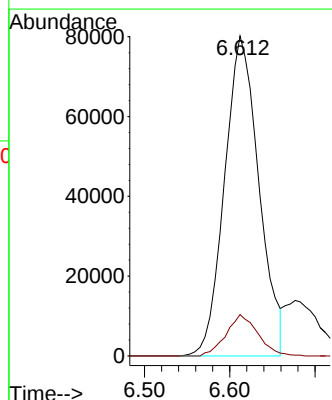
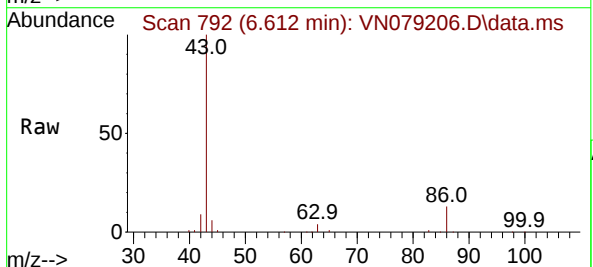
Manual Integrations
APPROVED

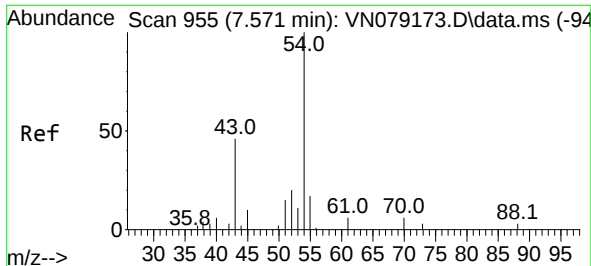
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#42
Vinyl Acetate
Concen: 107.510 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 43 Resp: 224799
Ion Ratio Lower Upper
43 100
86 12.0 9.2 13.8





#43

Ethyl Acetate

Concen: 20.755 ug/l m

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 3470

Ion Ratio Lower Upper

43 100

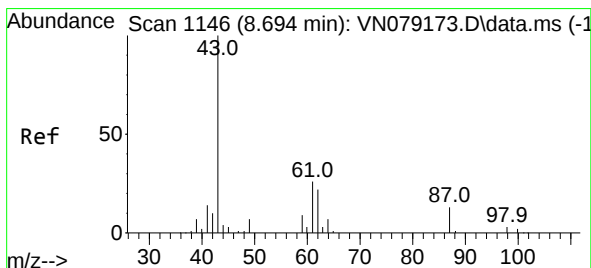
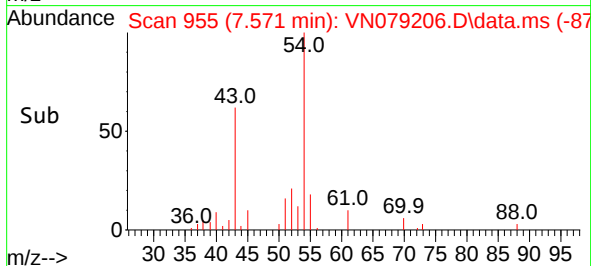
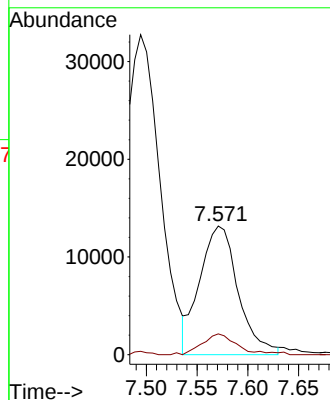
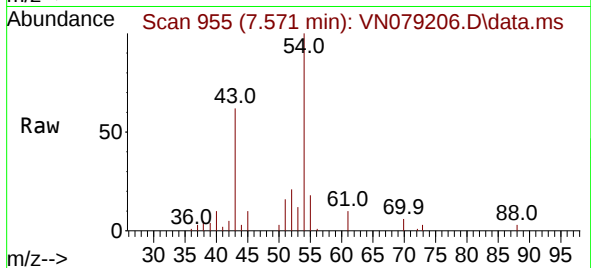
45 13.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Isopropyl Acetate

Concen: 18.550 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN079206.D

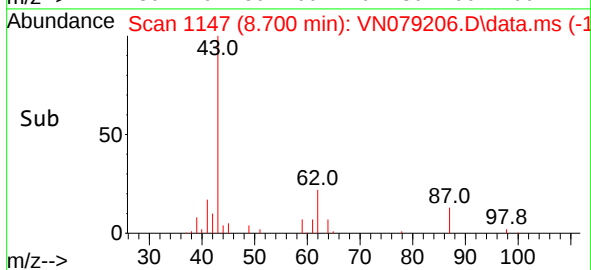
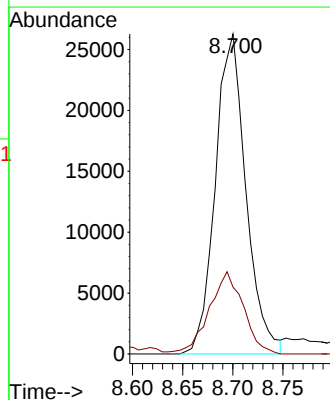
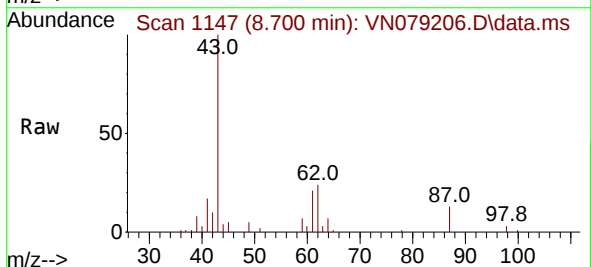
Acq: 08 Sep 2023 18:43

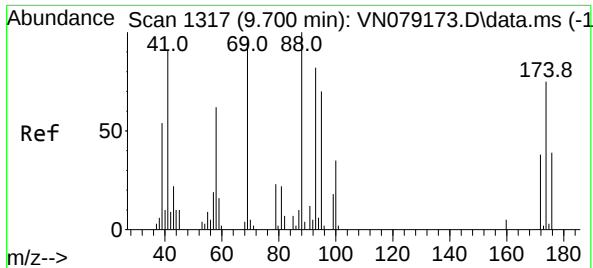
Tgt Ion: 43 Resp: 55799

Ion Ratio Lower Upper

43 100

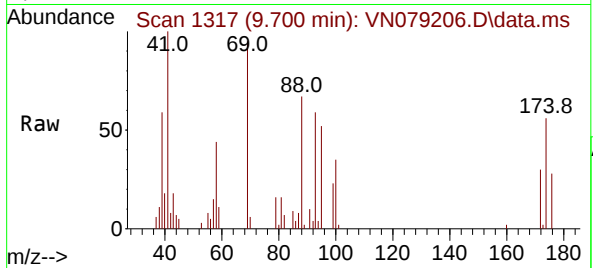
61 28.7 22.6 33.8





#45
1,4-Dioxane
Concen: 360.570 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

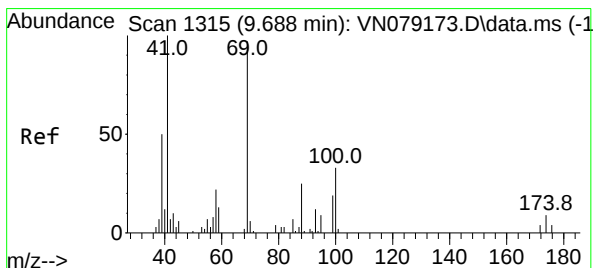
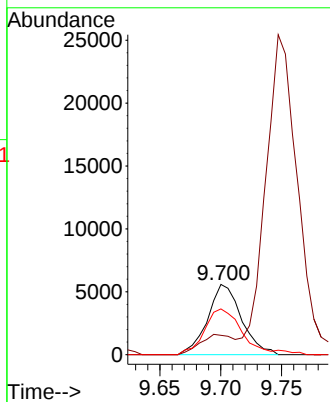
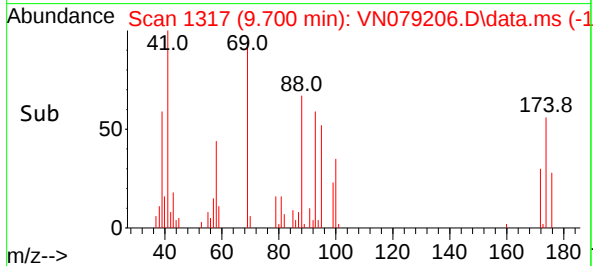
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



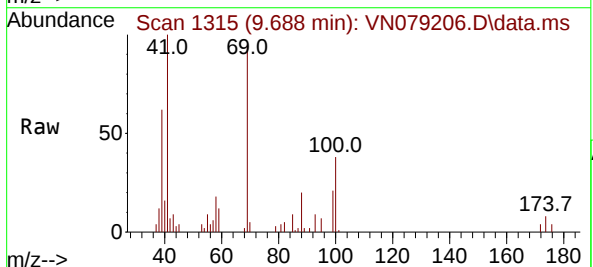
Tgt Ion: 88 Resp: 10790
Ion Ratio Lower Upper
88 100
43 28.3 19.9 29.9
58 70.1 58.0 87.0

Manual Integrations
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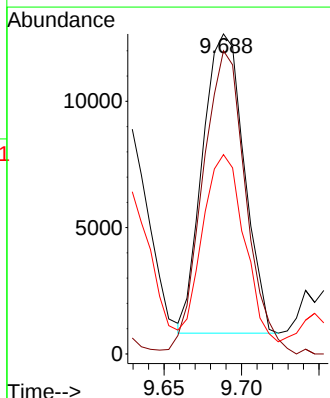
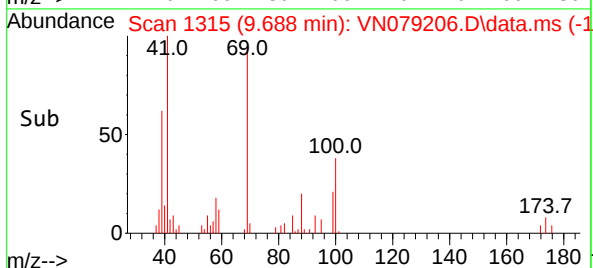
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

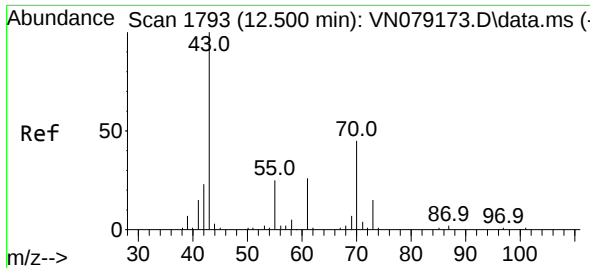


#46
Methyl methacrylate
Concen: 16.392 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



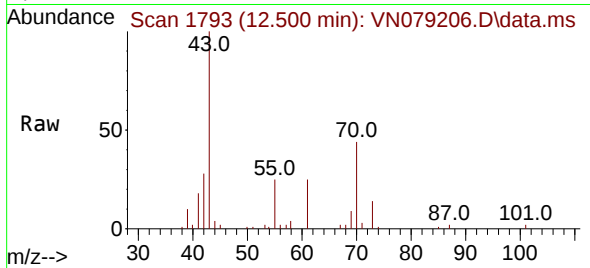
Tgt Ion: 41 Resp: 22029
Ion Ratio Lower Upper
41 100
69 96.4 48.1 144.3
39 62.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 18.360 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

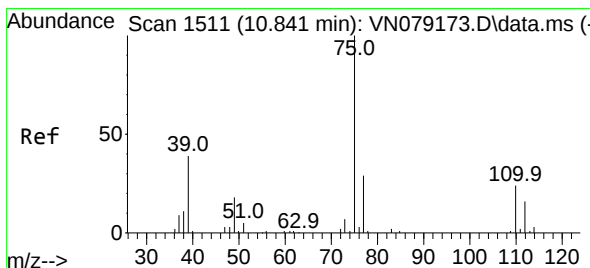
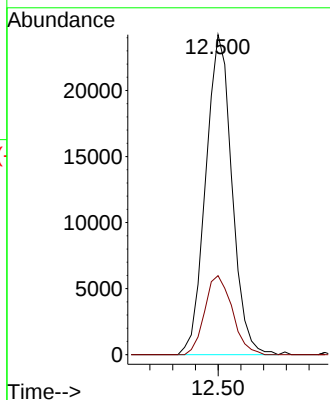
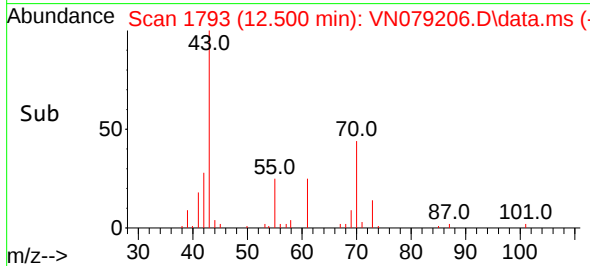
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 38840
Ion Ratio Lower Upper
43 100
55 25.9 20.5 30.7

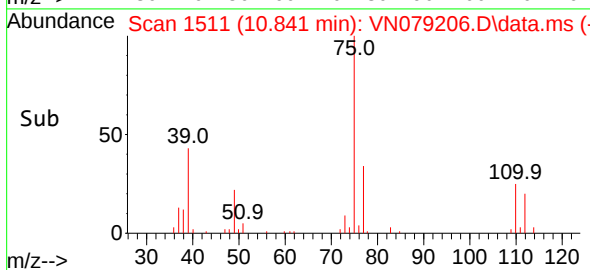
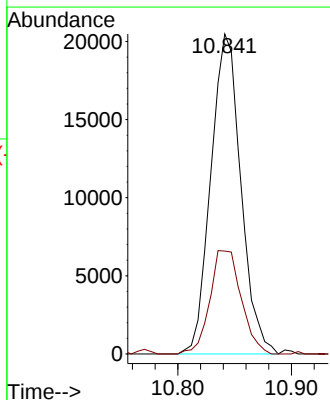
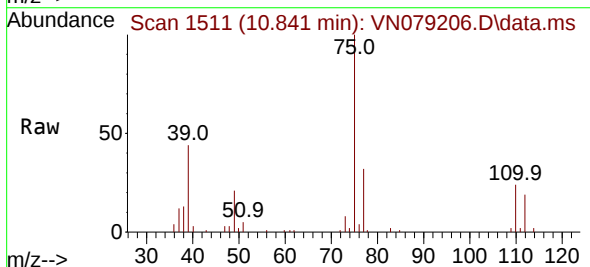
Manual Integrations
APPROVED

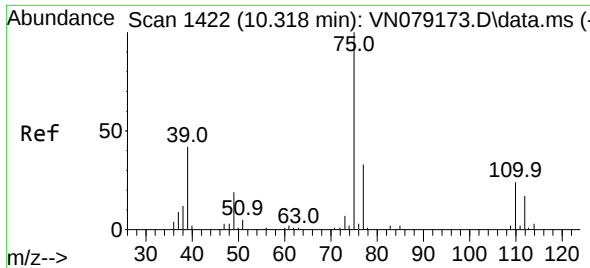
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
t-1,3-Dichloropropene
Concen: 18.440 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

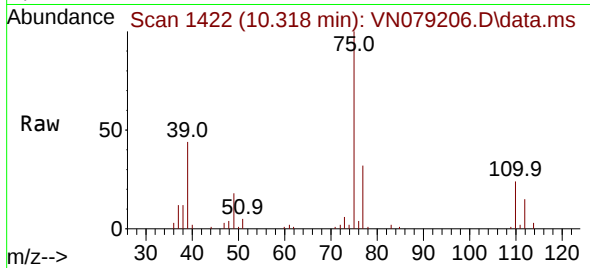
Tgt Ion: 75 Resp: 37623
Ion Ratio Lower Upper
75 100
77 32.1 22.9 34.3





#49
 cis-1,3-Dichloropropene
 Concen: 19.806 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43

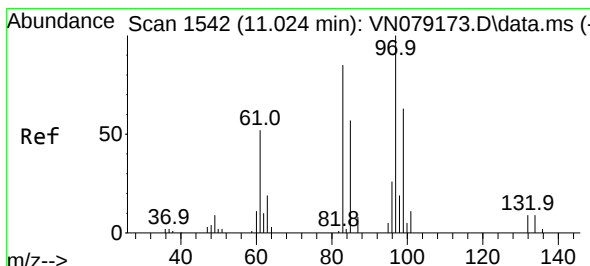
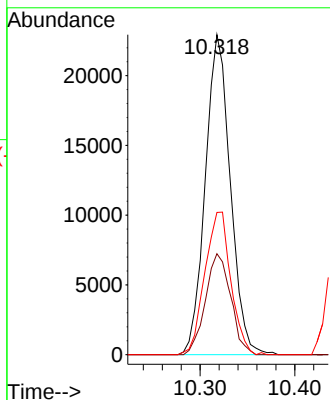
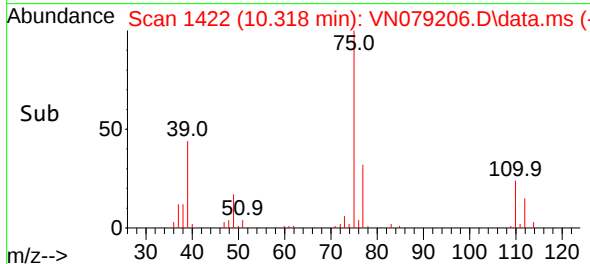
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 4215
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.2
 39 44.5 33.8 50.8

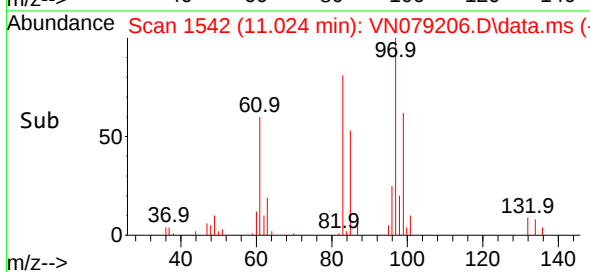
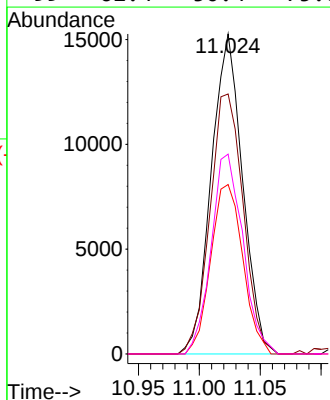
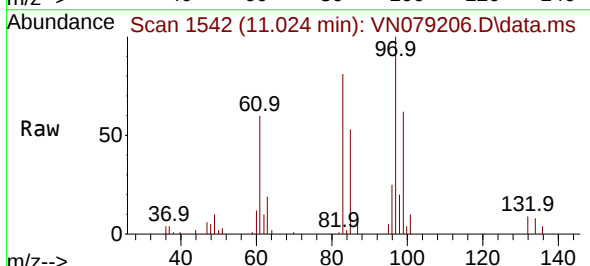
Manual Integrations
 APPROVED

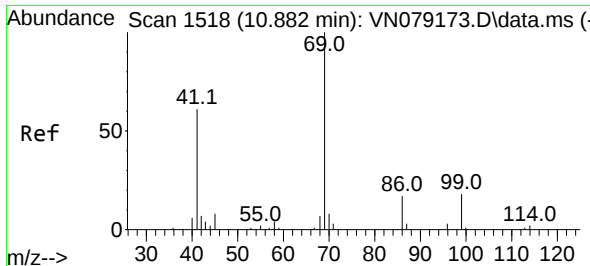
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.498 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43

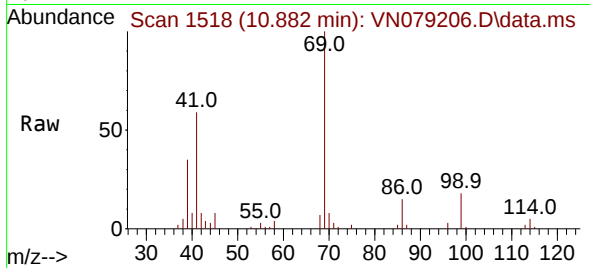
Tgt Ion: 97 Resp: 27206
 Ion Ratio Lower Upper
 97 100
 83 81.2 68.9 103.3
 85 52.9 45.3 67.9
 99 62.4 50.4 75.6





#51
Ethyl methacrylate
Concen: 18.770 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

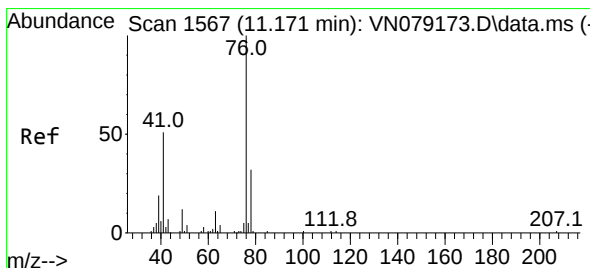
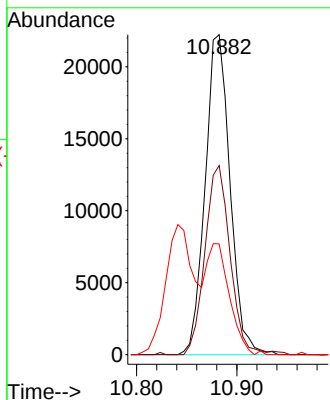
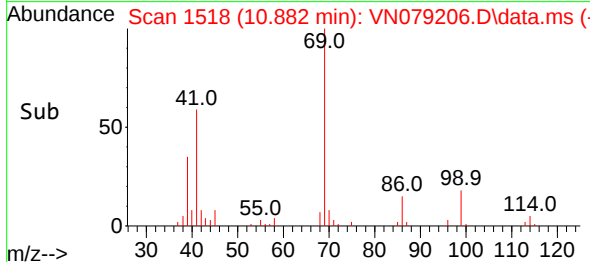
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



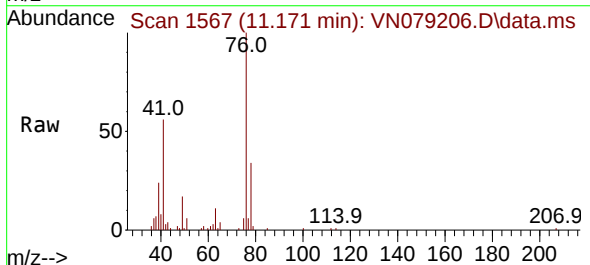
Tgt Ion: 69 Resp: 3847
Ion Ratio Lower Upper
69 100
41 59.1 30.3 90.9
39 34.6 13.4 40.1

Manual Integrations
APPROVED

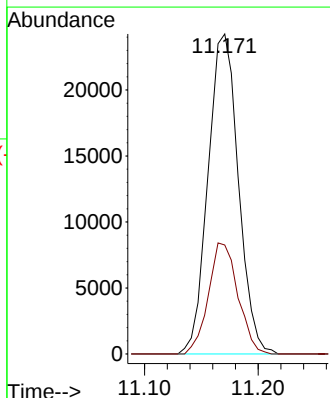
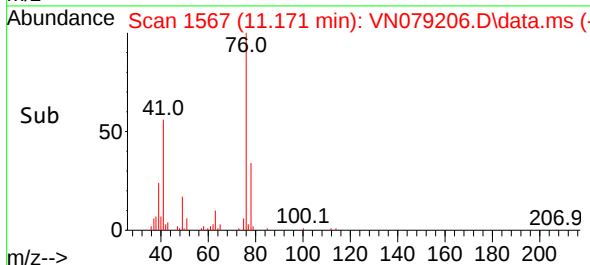
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

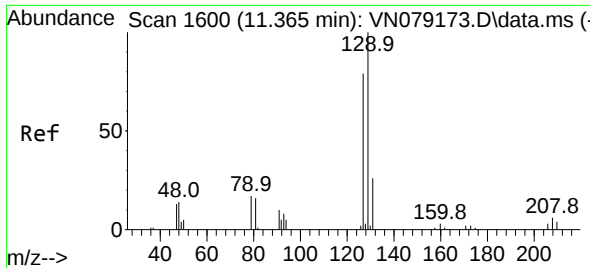


#52
1,3-Dichloropropane
Concen: 19.873 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



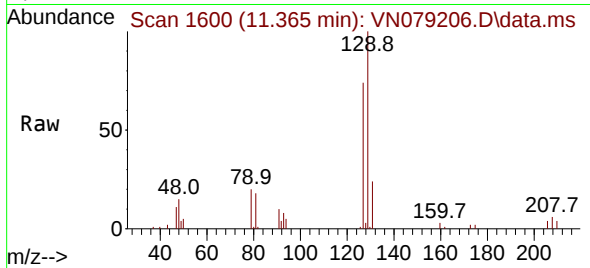
Tgt Ion: 76 Resp: 45030
Ion Ratio Lower Upper
76 100
78 33.7 0.0 64.2





#53
Dibromochloromethane
Concen: 20.670 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

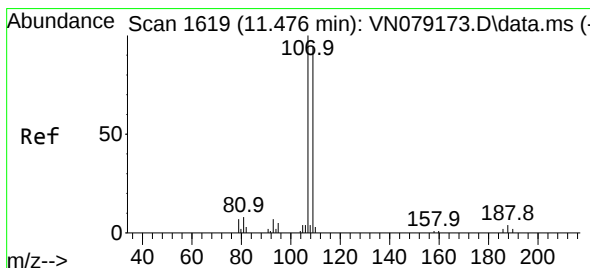
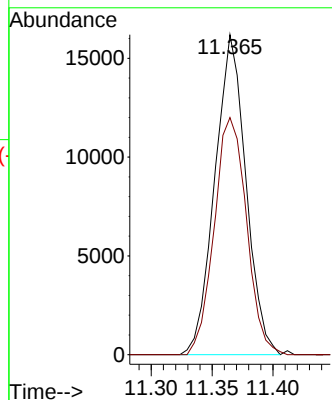
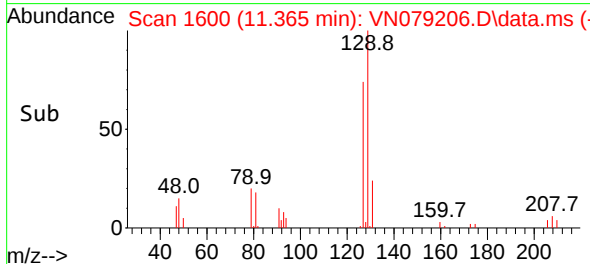
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



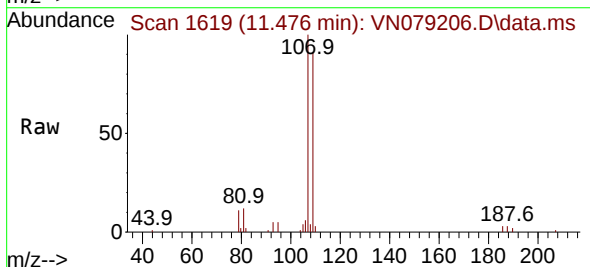
Tgt Ion:129 Resp: 2877
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

Manual Integrations
APPROVED

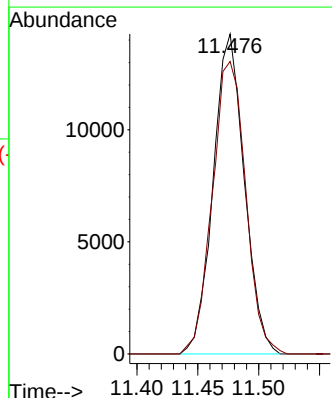
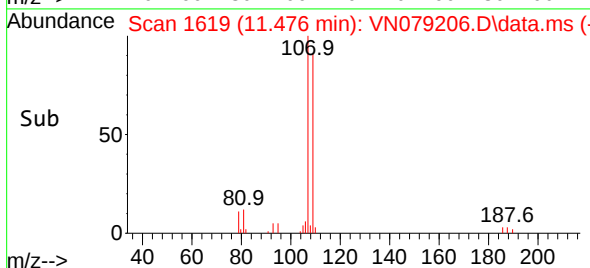
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

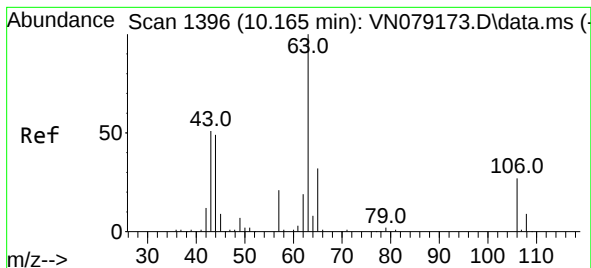


#54
1,2-Dibromoethane
Concen: 18.859 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



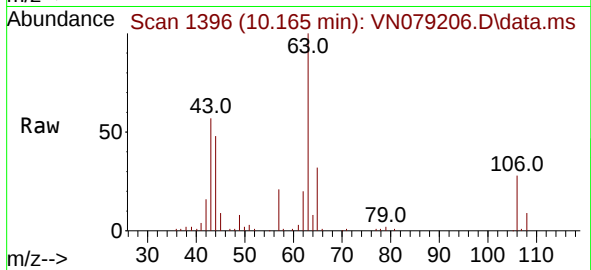
Tgt Ion:107 Resp: 25417
Ion Ratio Lower Upper
107 100
109 97.8 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 100.212 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

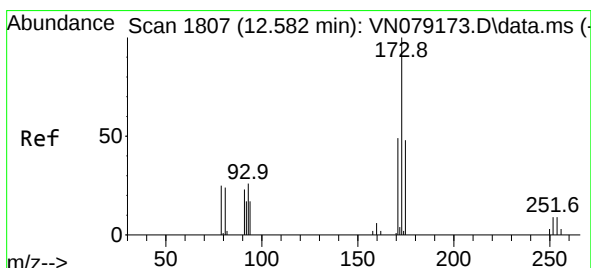
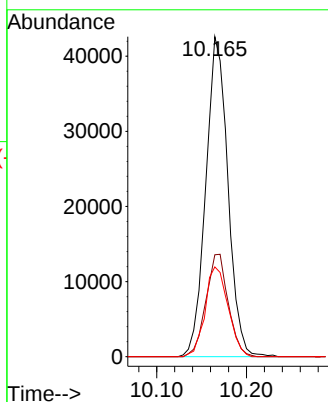
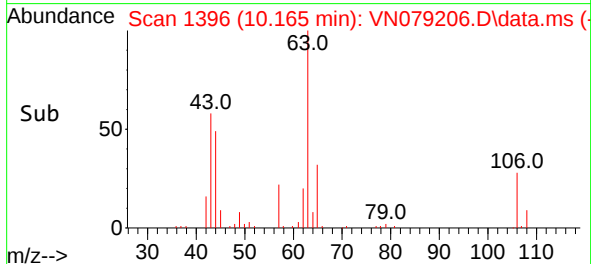
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 72980
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 29.1 21.9 32.9

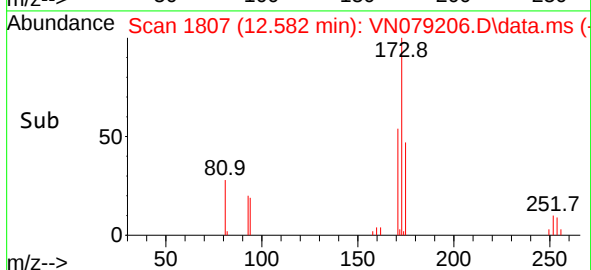
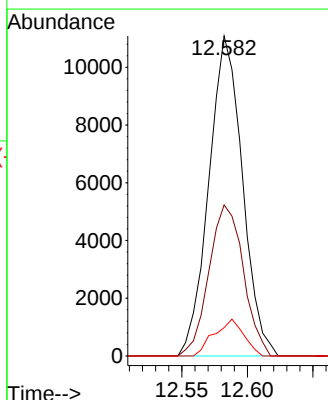
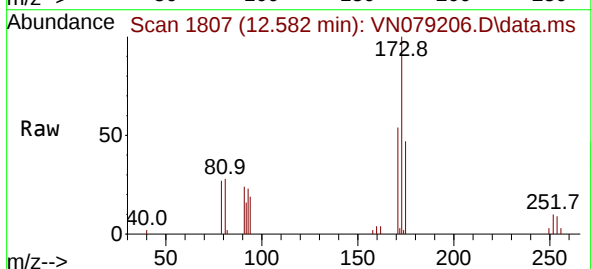
Manual Integrations
APPROVED

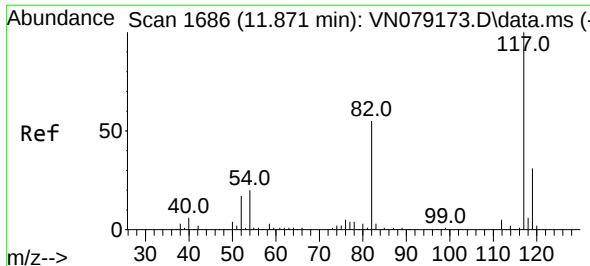
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
Bromoform
Concen: 20.352 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion:173 Resp: 19741
Ion Ratio Lower Upper
173 100
175 48.4 37.6 56.4
254 10.1 7.8 11.8





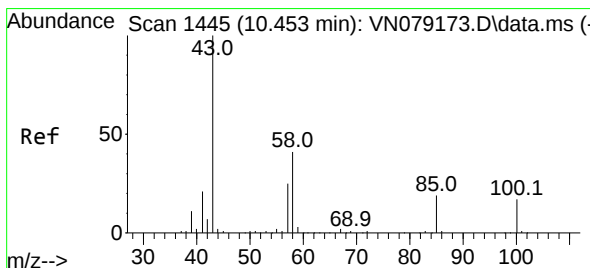
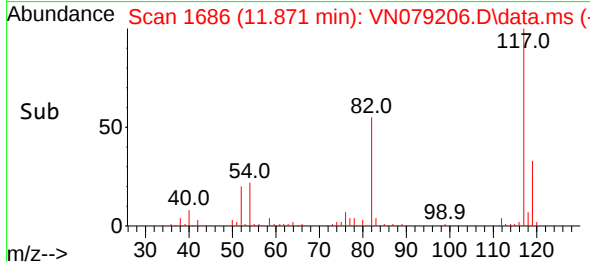
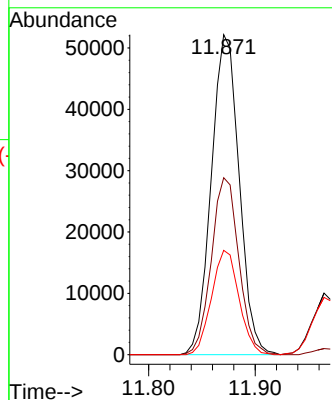
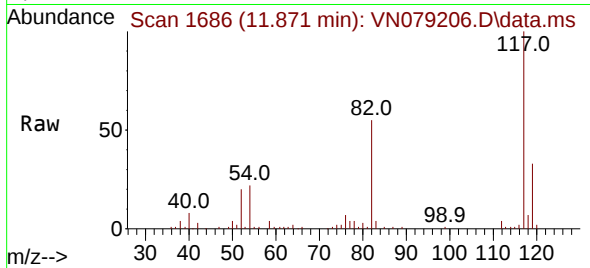
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 94758
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 32.1 24.9 37.3

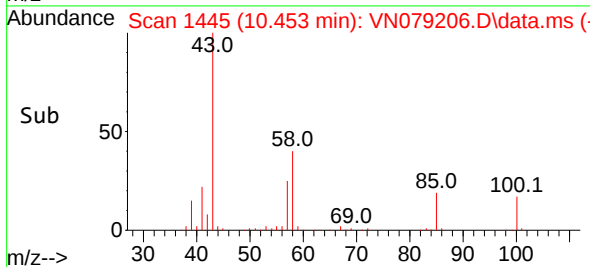
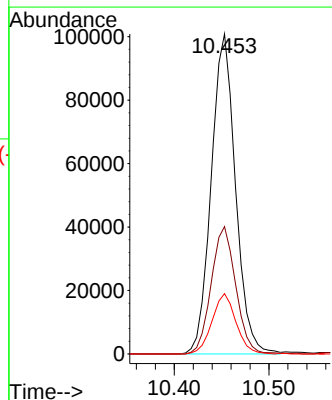
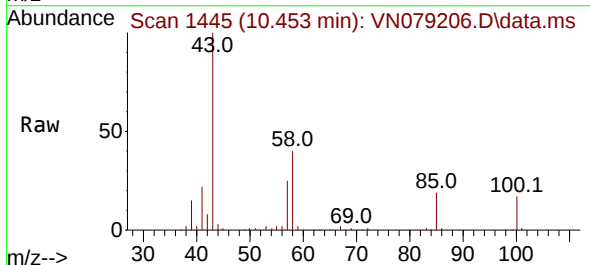
Manual Integrations
APPROVED

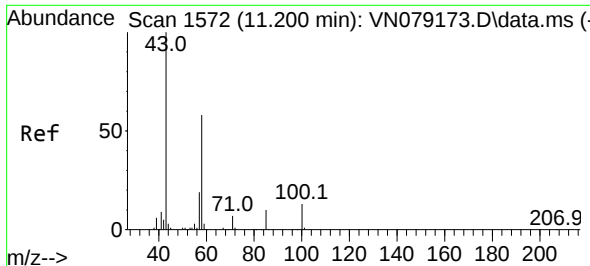
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#58
4-Methyl-2-Pentanone
Concen: 103.126 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

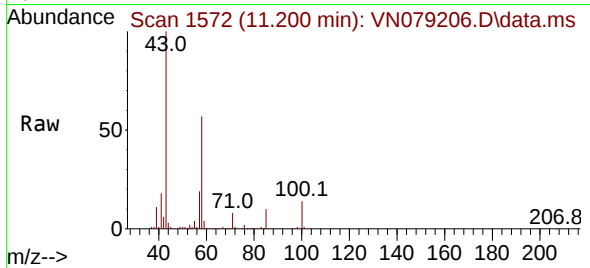
Tgt Ion: 43 Resp: 179323
Ion Ratio Lower Upper
43 100
58 40.1 33.6 50.4
85 18.6 15.0 22.4





#59
2-Hexanone
Concen: 102.698 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

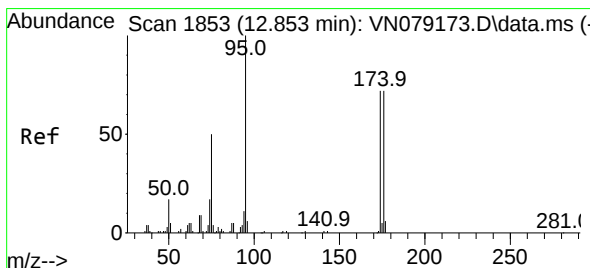
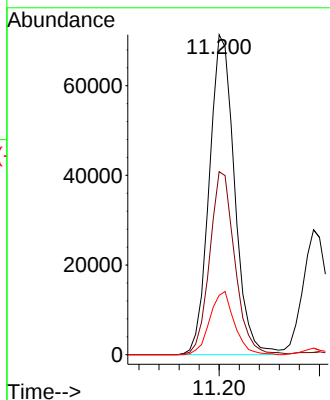
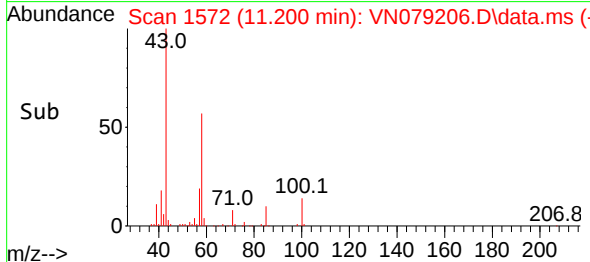
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 125414
Ion Ratio Lower Upper
43 100
58 56.8 46.4 69.6
57 19.1 15.3 22.9

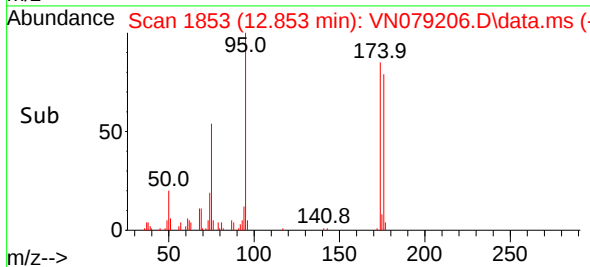
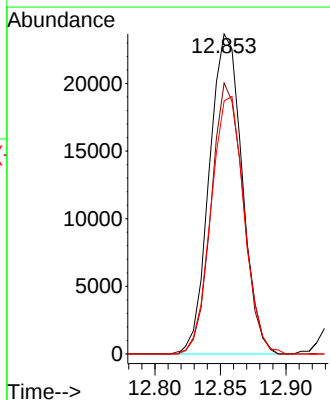
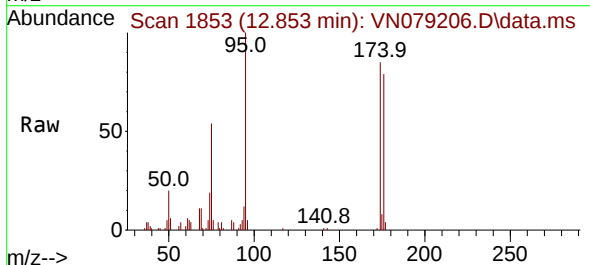
Manual Integrations
APPROVED

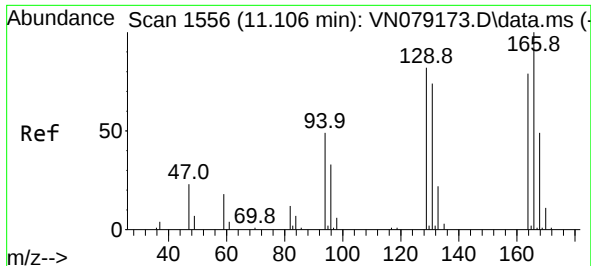
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
4-Bromofluorobenzene
Concen: 29.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

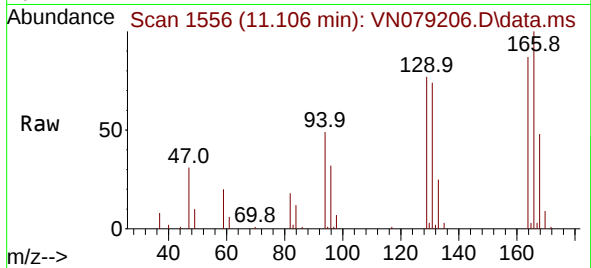
Tgt Ion: 95 Resp: 41155
Ion Ratio Lower Upper
95 100
174 82.1 59.5 89.3
176 81.2 59.1 88.7





#61
Tetrachloroethene
Concen: 21.929 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

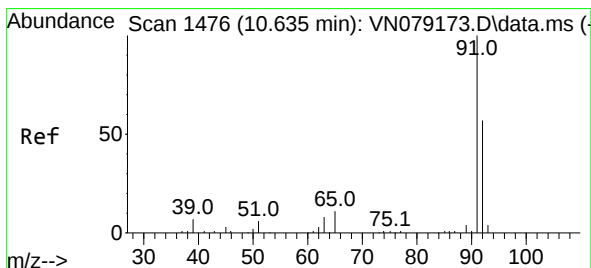
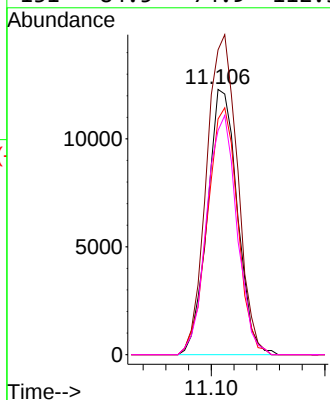
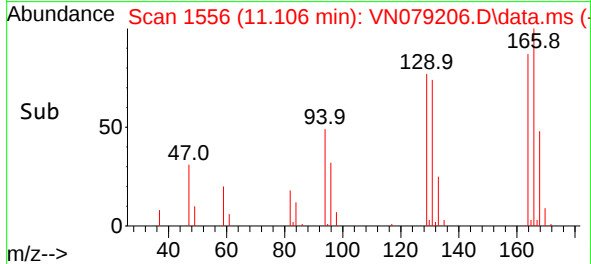
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



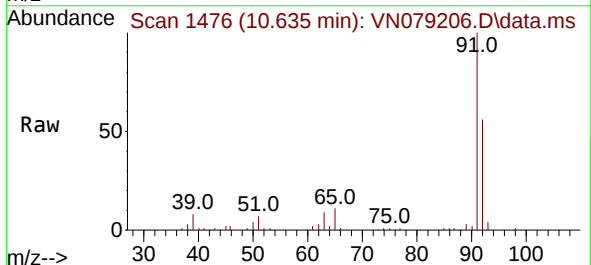
Tgt Ion:164 Resp: 22610
Ion Ratio Lower Upper
164 100
166 114.9 101.9 152.9
129 88.8 83.4 125.0
131 84.5 74.9 112.3

Manual Integrations
APPROVED

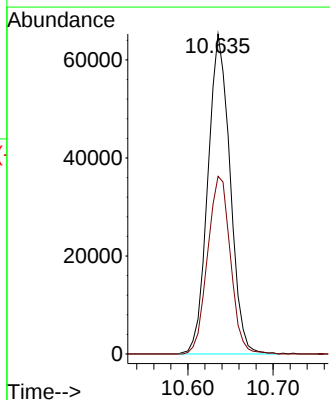
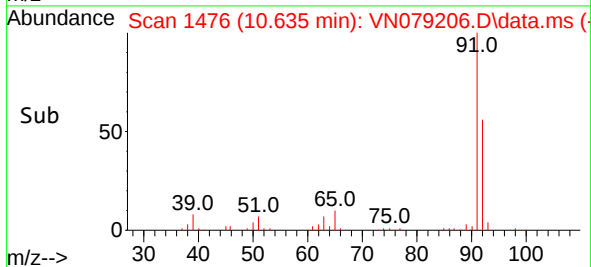
Reviewed By :John Carbone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

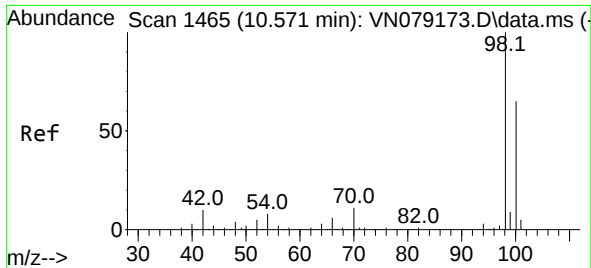


#62
Toluene
Concen: 21.394 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 91 Resp: 118039
Ion Ratio Lower Upper
91 100
92 57.2 45.7 68.5





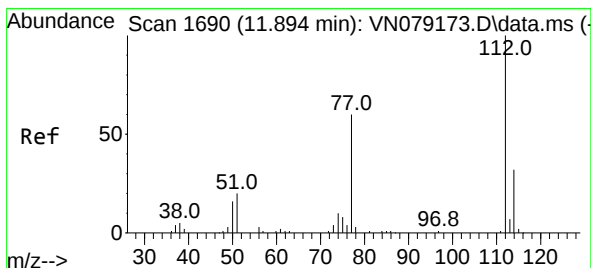
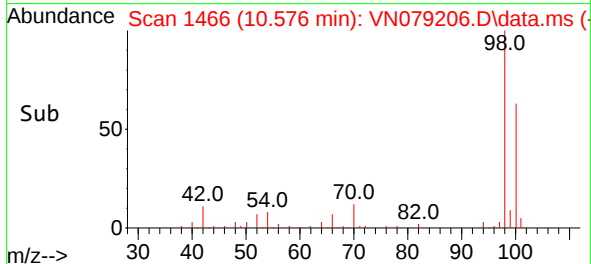
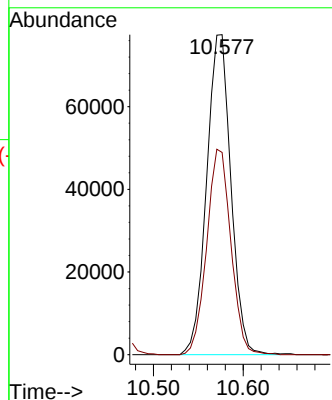
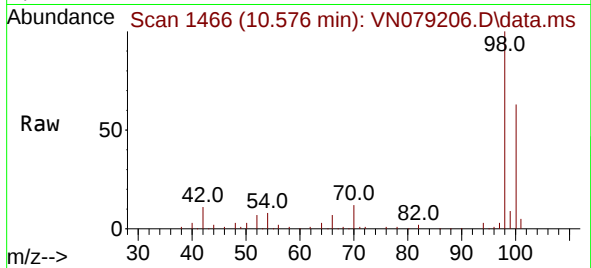
#63
Toluene-d8
Concen: 32.878 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 145598
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7

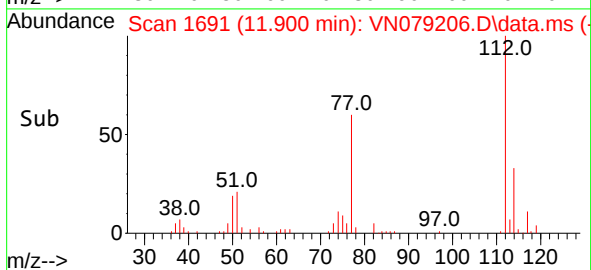
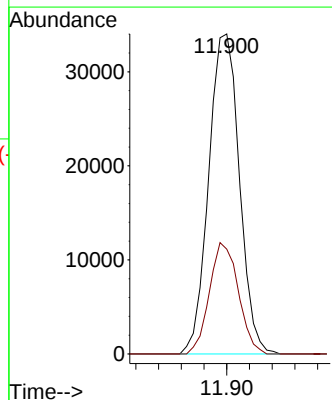
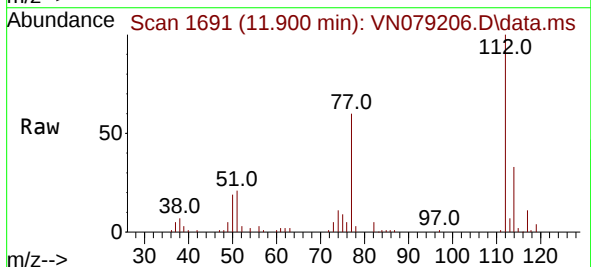
Manual Integrations
APPROVED

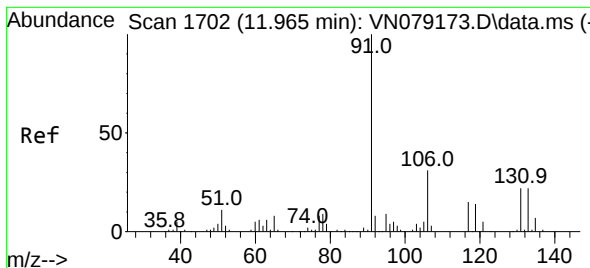
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Chlorobenzene
Concen: 19.842 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

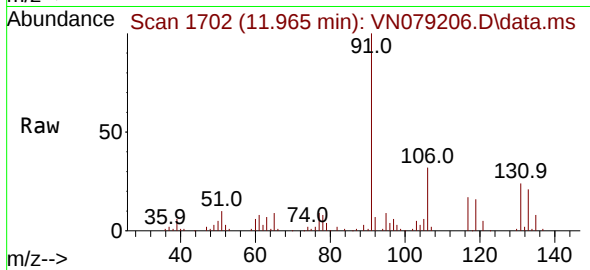
Tgt Ion:112 Resp: 63866
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.014 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

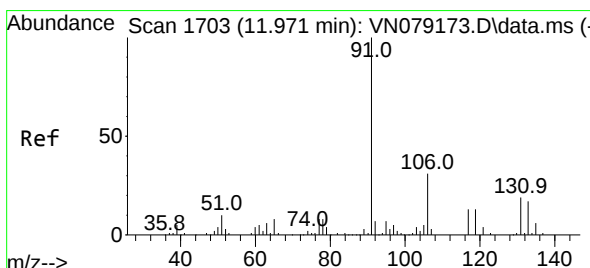
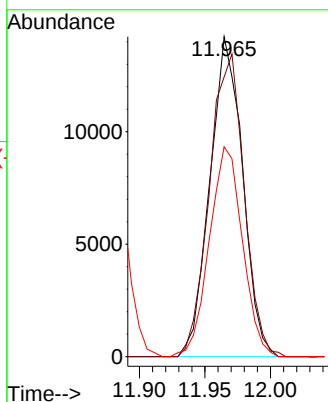
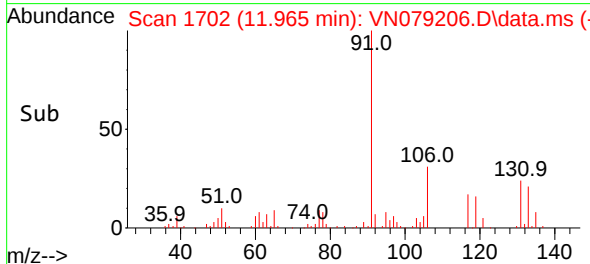
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



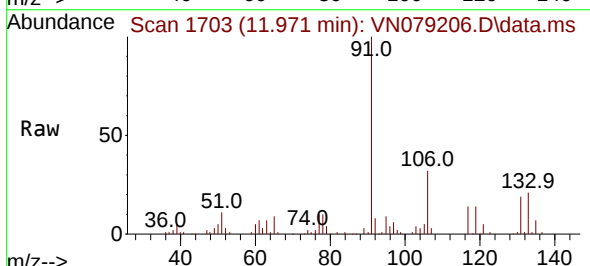
Tgt Ion:131 Resp: 24662
Ion Ratio Lower Upper
131 100
133 100.1 0.0 193.0
119 66.4 0.0 131.2

Manual Integrations
APPROVED

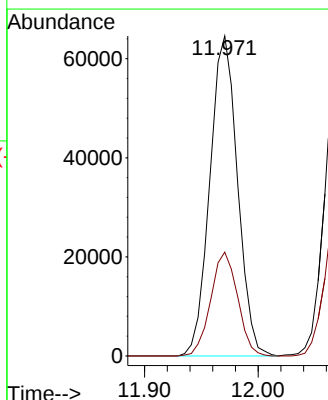
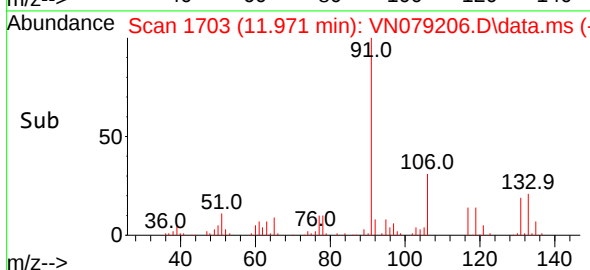
Reviewed By :John Carbone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

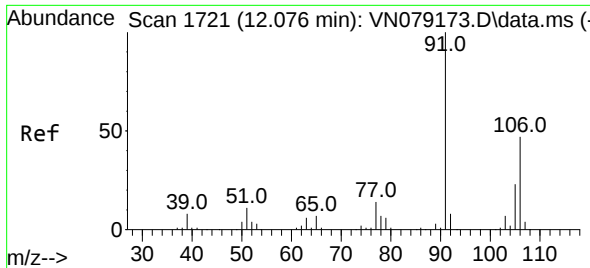


#66
Ethyl Benzene
Concen: 19.680 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 91 Resp: 109328
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6





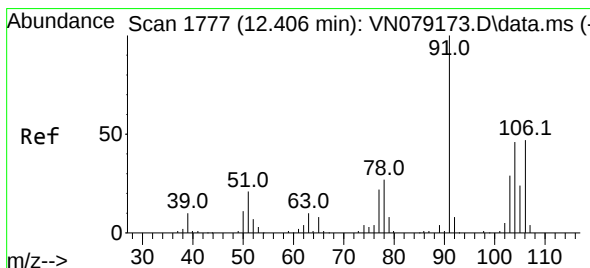
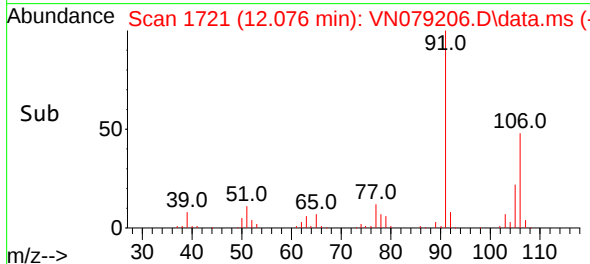
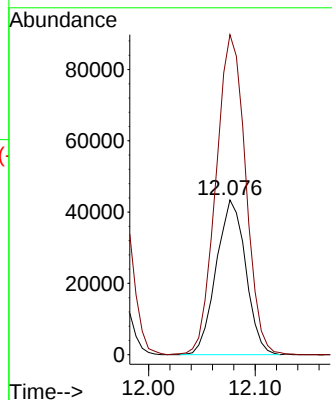
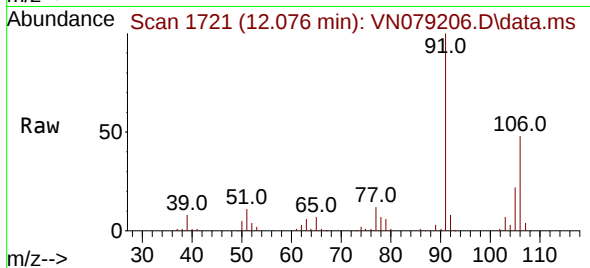
#67
m/p-Xylenes
Concen: 39.934 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 83472
Ion Ratio Lower Upper
106 100
91 208.3 165.2 247.8

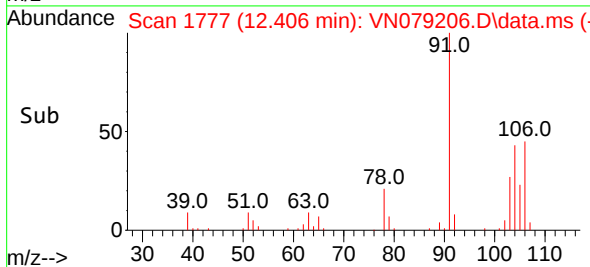
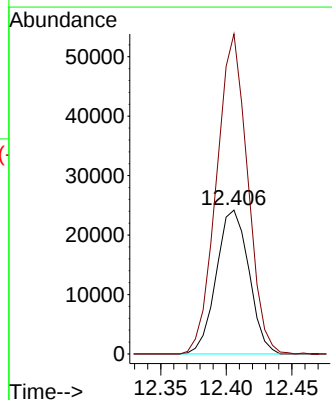
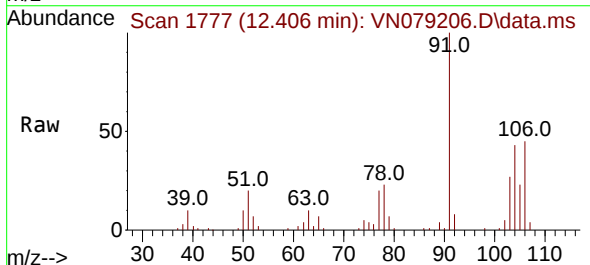
Manual Integrations
APPROVED

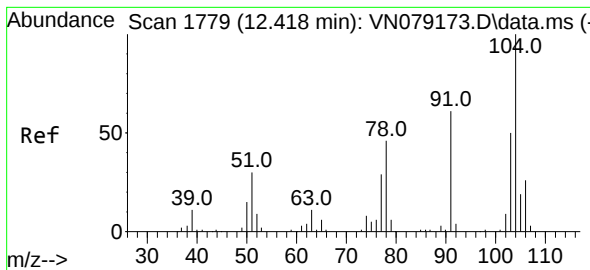
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#68
o-Xylene
Concen: 20.745 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion:106 Resp: 41818
Ion Ratio Lower Upper
106 100
91 212.0 109.7 329.1





#69

Styrene

Concen: 20.832 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

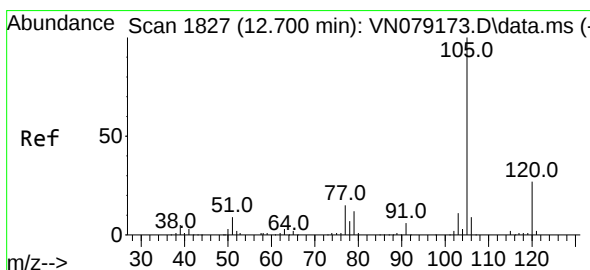
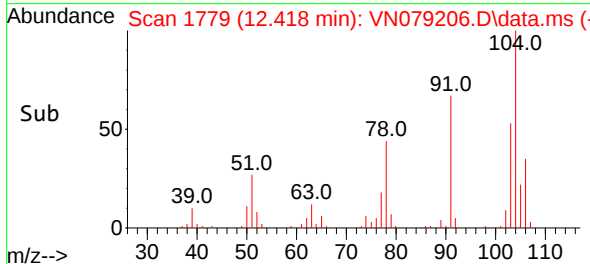
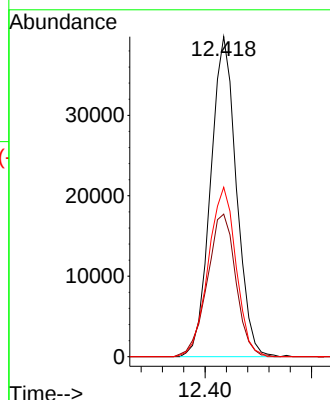
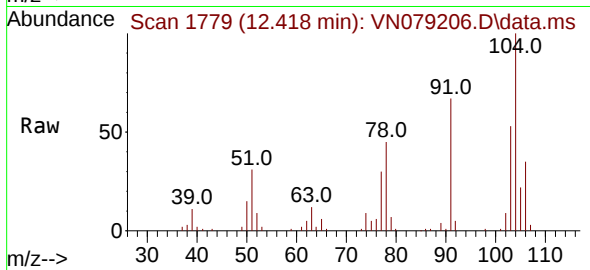
Tgt Ion:104	Resp:	6698
Ion Ratio	Lower	Upper
104	100	
78	49.3	40.5 60.7
103	56.8	43.3 64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#70

Isopropylbenzene

Concen: 20.215 ug/l

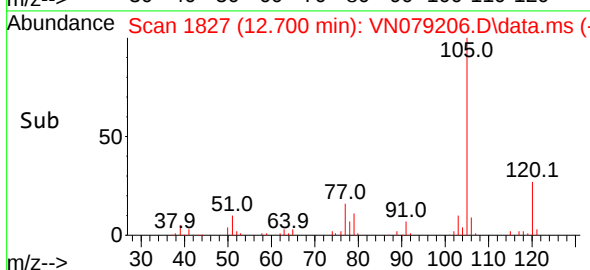
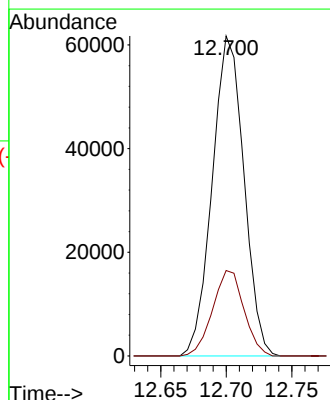
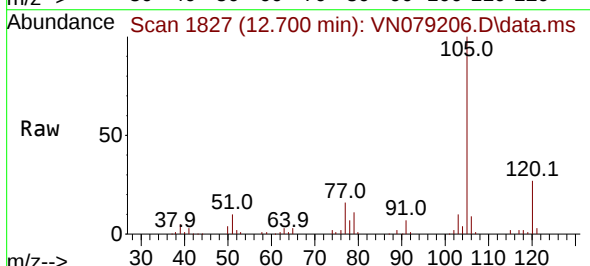
RT: 12.700 min Scan# 1827

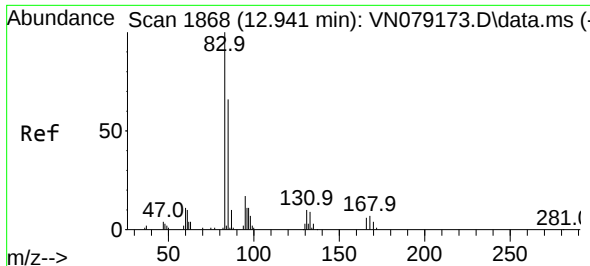
Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

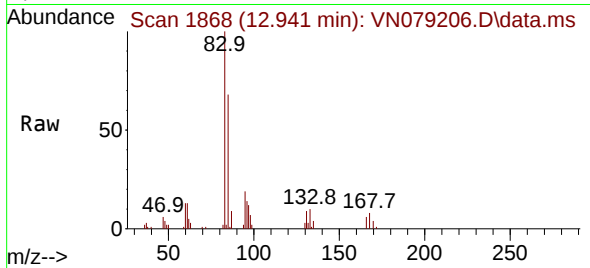
Tgt Ion:105	Resp:	103579
Ion Ratio	Lower	Upper
105	100	
120	26.4	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.630 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

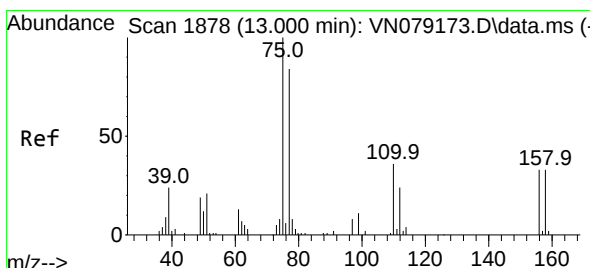
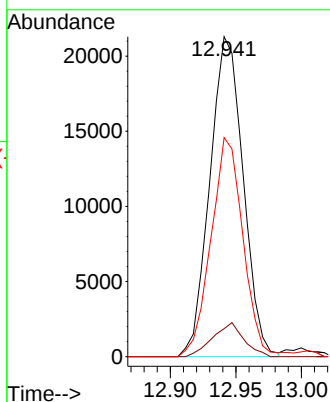
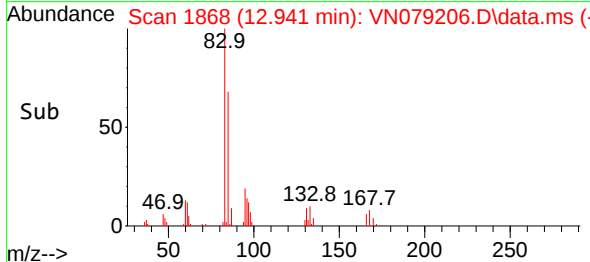
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 37620
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 65.5 33.1 99.3

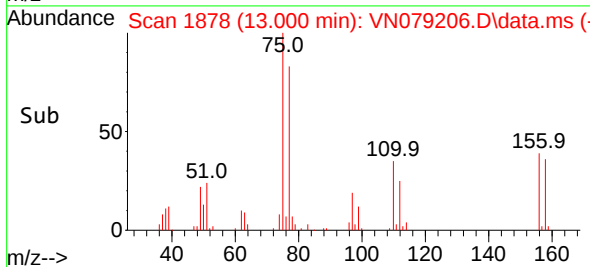
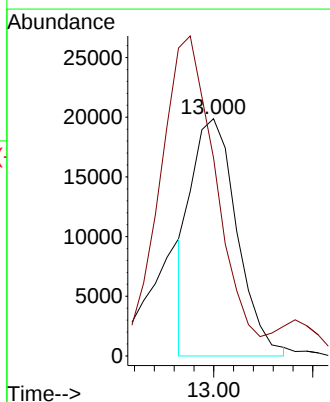
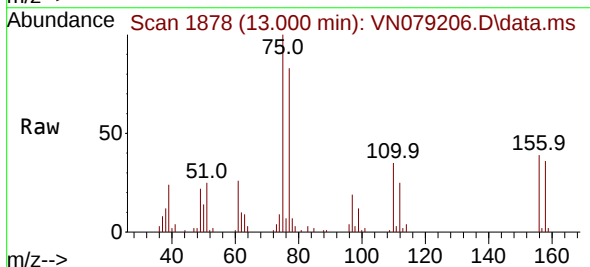
Manual Integrations
APPROVED

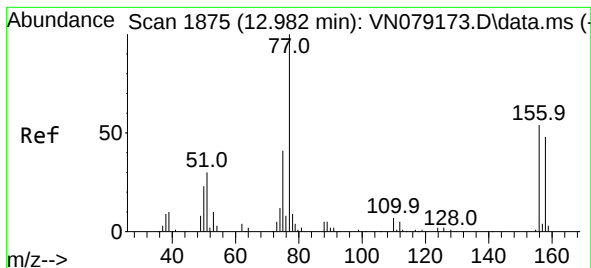
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#72
1,2,3-Trichloropropane
Concen: 19.730 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 75 Resp: 31821
Ion Ratio Lower Upper
75 100
77 167.1 0.0 252.2





#73

Bromobenzene

Concen: 21.008 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

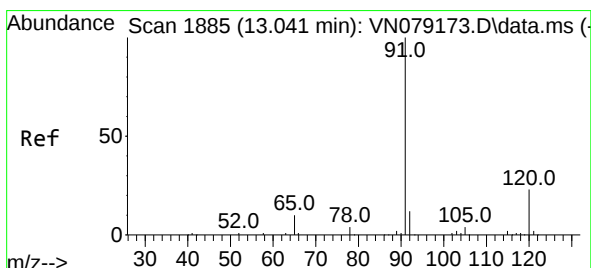
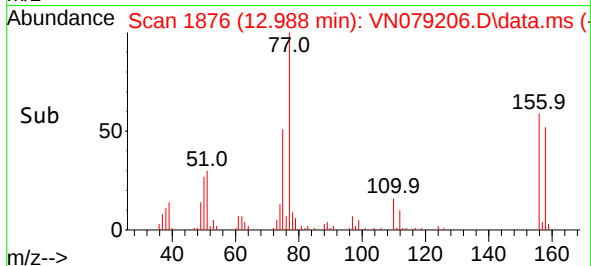
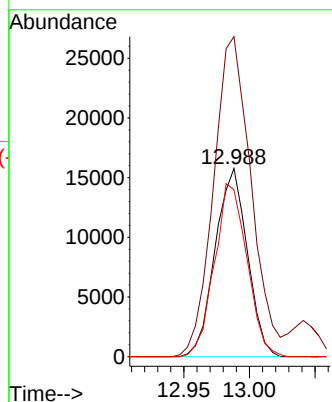
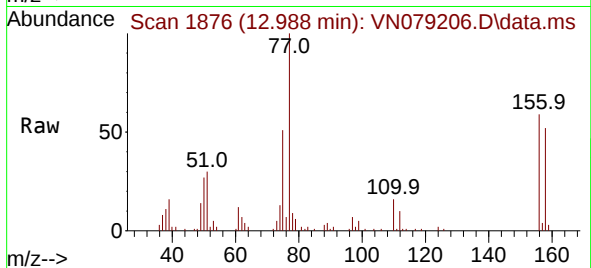
Tgt Ion:	156	Resp:	26889
Ion Ratio	Lower	Upper	
156	100		
77	197.8	0.0	446.6
158	93.0	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#74

n-propylbenzene

Concen: 19.999 ug/l

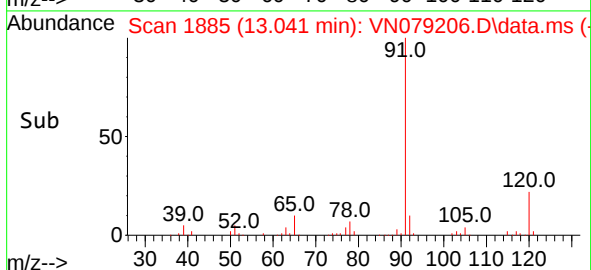
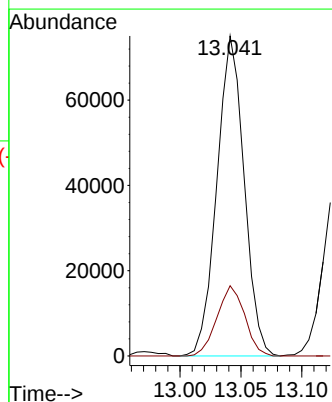
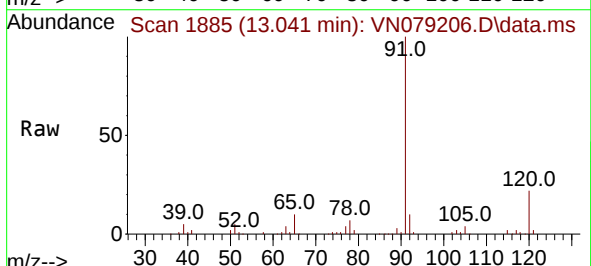
RT: 13.041 min Scan# 1885

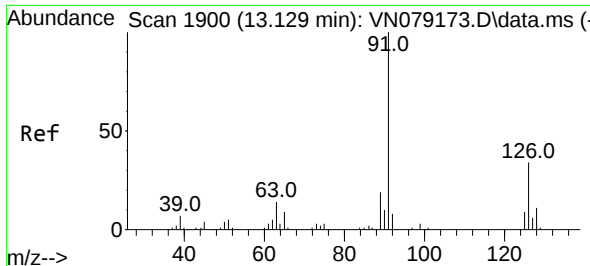
Delta R.T. 0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Tgt Ion:	91	Resp:	116758
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.0





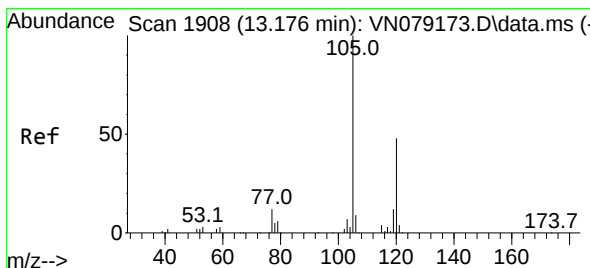
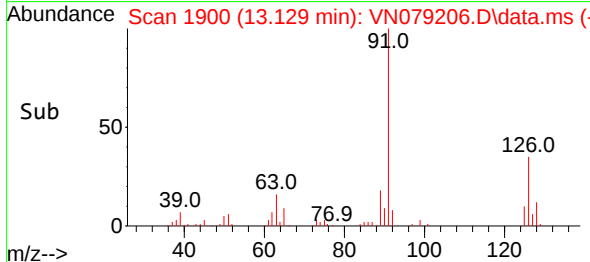
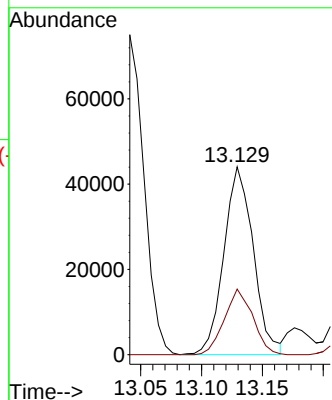
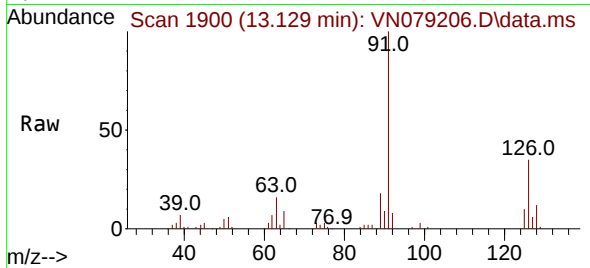
#75
2-Chlorotoluene
Concen: 19.865 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 7436
Ion Ratio Lower Upper
91 100
126 33.7 0.0 65.4

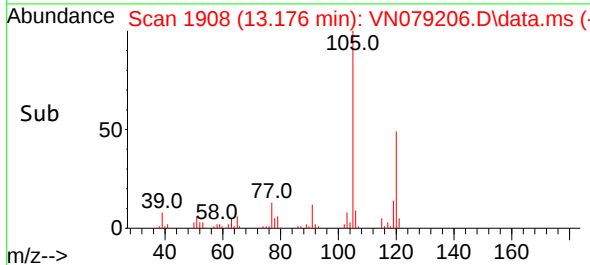
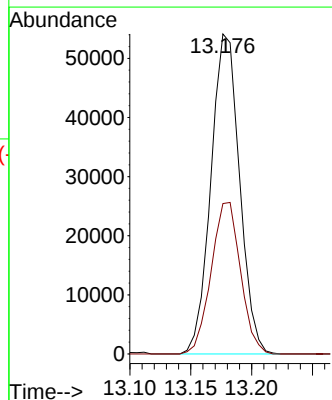
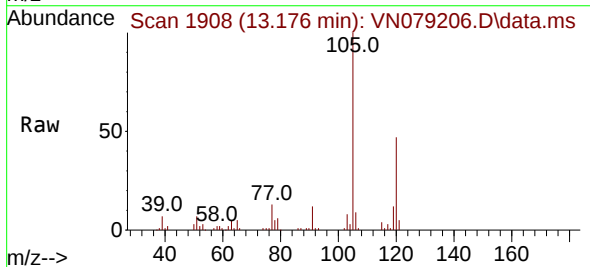
Manual Integrations
APPROVED

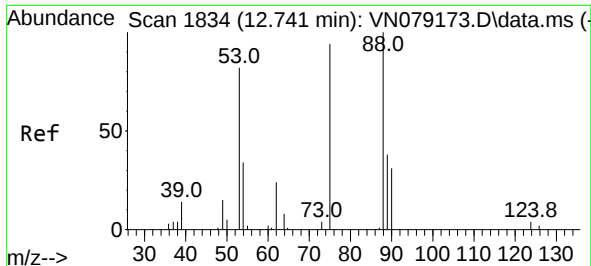
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.906 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

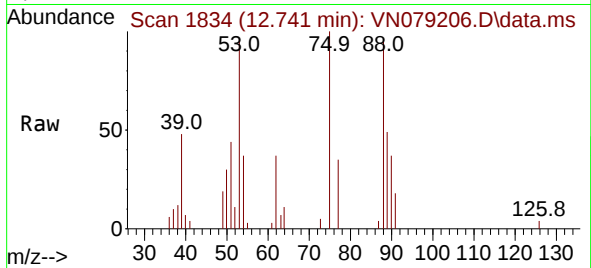
Tgt Ion:105 Resp: 88573
Ion Ratio Lower Upper
105 100
120 48.5 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 15.845 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

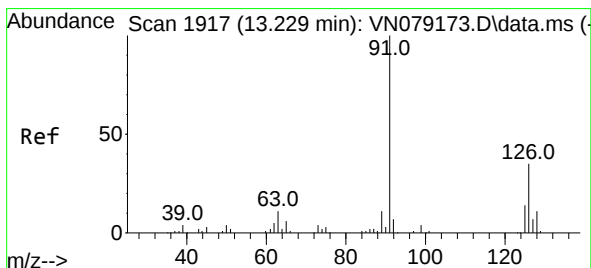
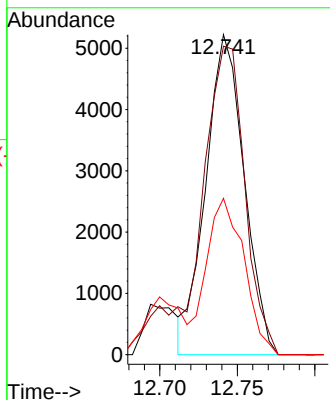
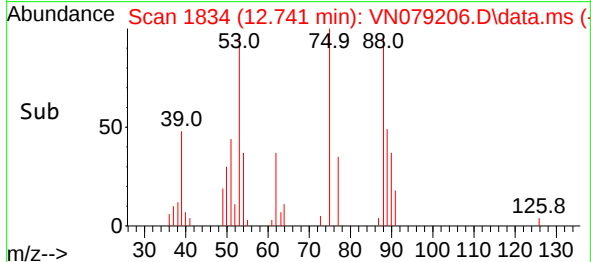
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 899
Ion Ratio Lower Upper
75 100
53 96.4 44.1 132.4
89 48.8 22.4 67.3

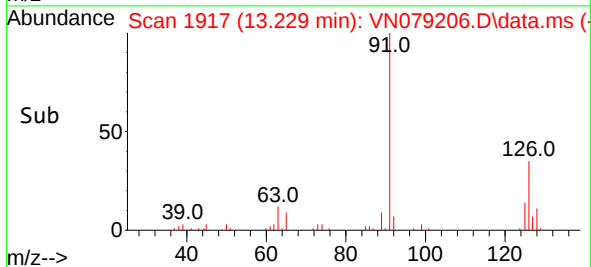
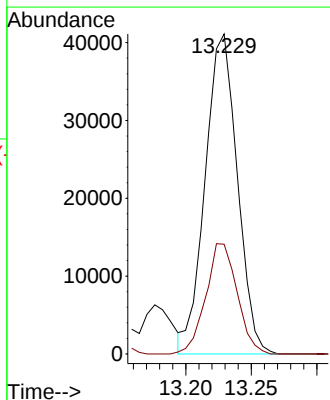
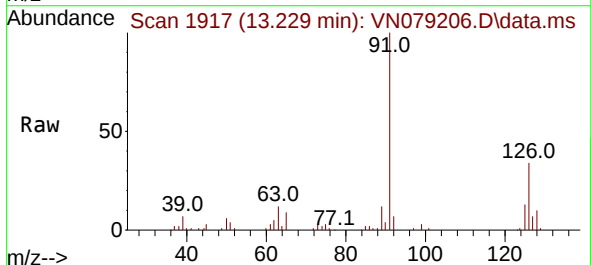
Manual Integrations
APPROVED

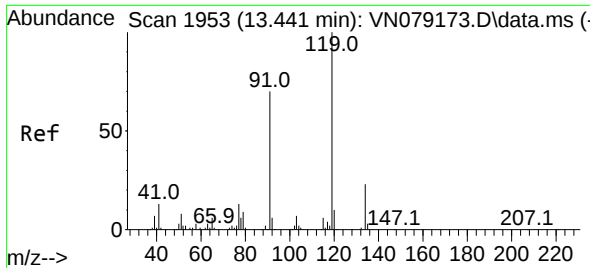
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#78
4-Chlorotoluene
Concen: 19.862 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion: 91 Resp: 70207
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.6





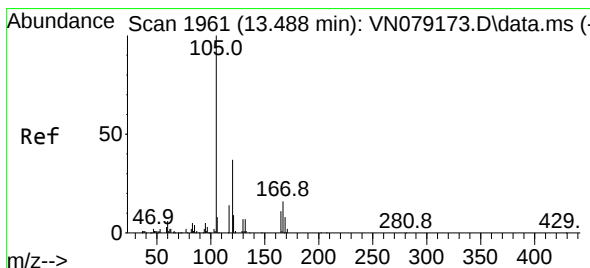
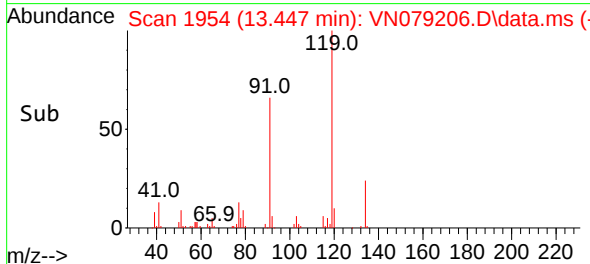
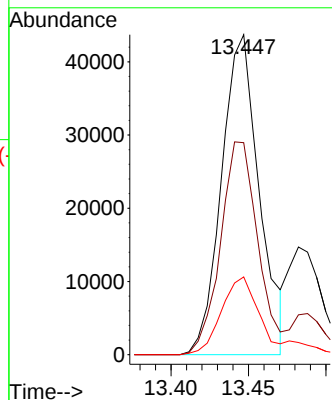
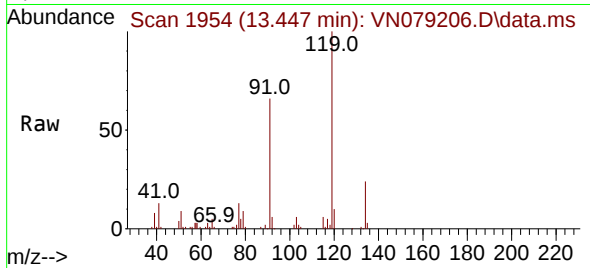
#79
tert-butylbenzene
Concen: 21.268 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 73962
Ion Ratio Lower Upper
119 100
91 65.7 0.0 130.8
134 23.9 0.0 48.8

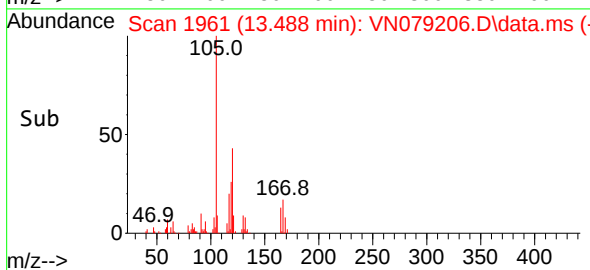
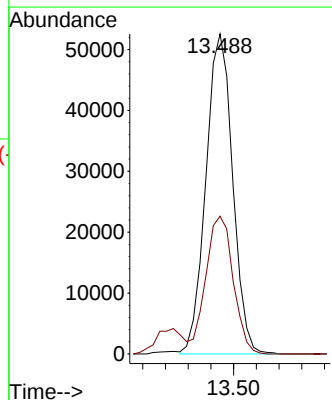
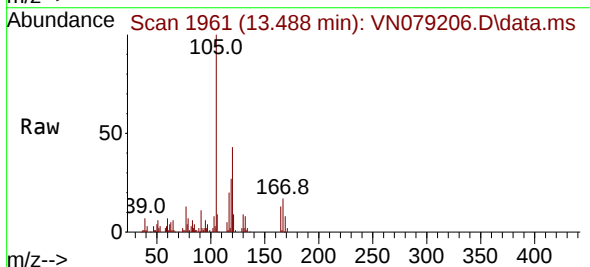
Manual Integrations
APPROVED

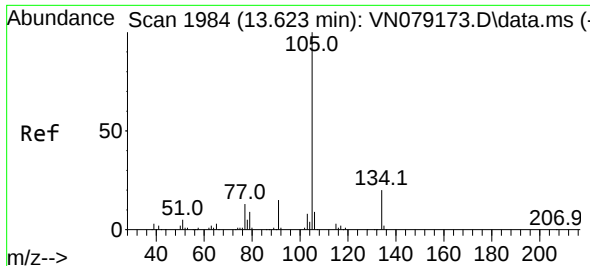
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.266 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

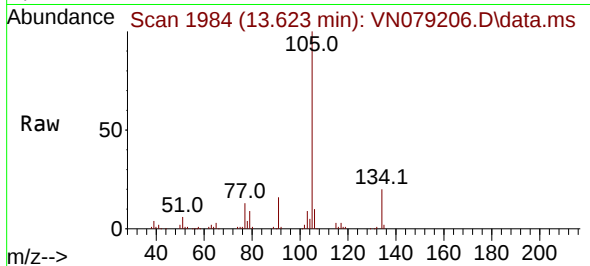
Tgt Ion:105 Resp: 86045
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 21.161 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43

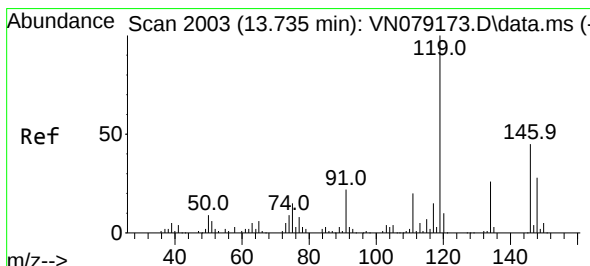
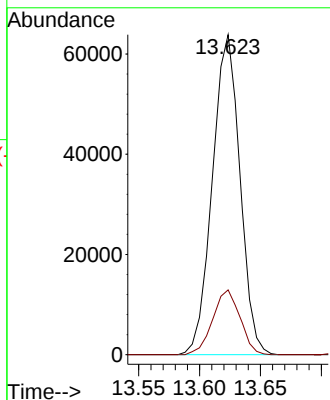
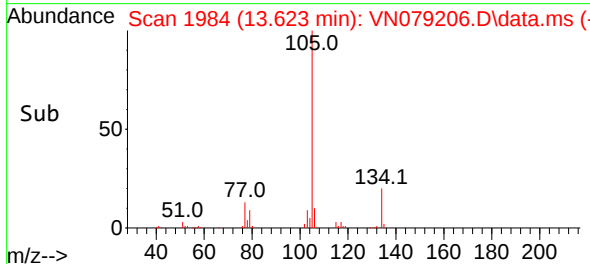
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



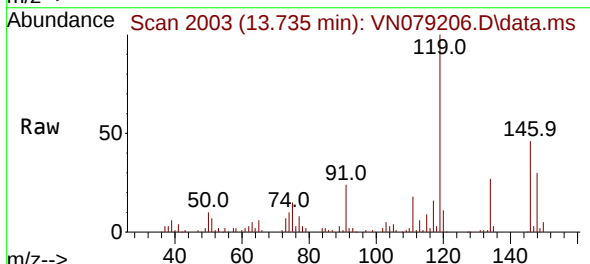
Tgt Ion:105 Resp: 100685
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6

Manual Integrations
 APPROVED

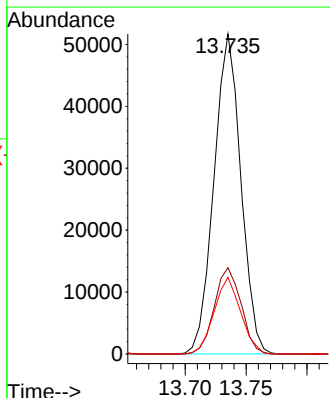
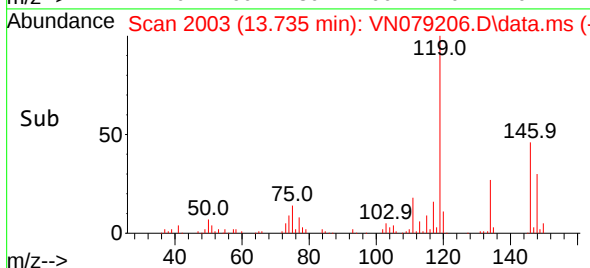
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

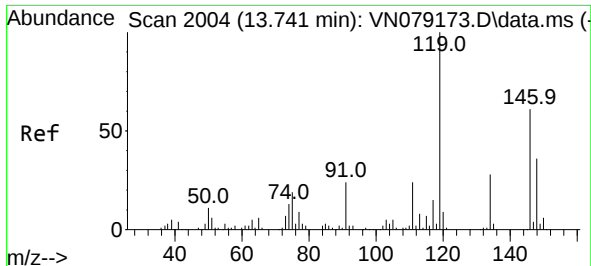


#82
 p-Isopropyltoluene
 Concen: 21.132 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079206.D
 Acq: 08 Sep 2023 18:43



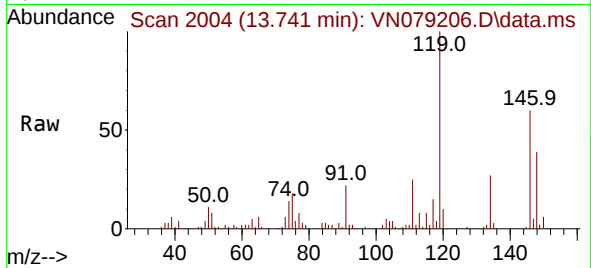
Tgt Ion:119 Resp: 79424
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.8
 91 23.6 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 21.468 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

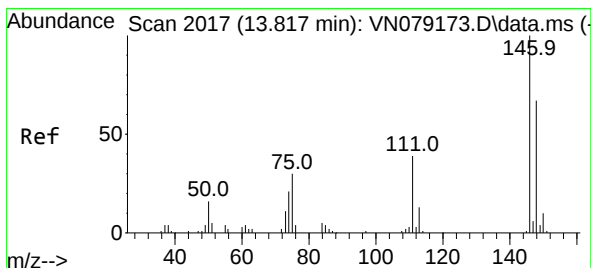
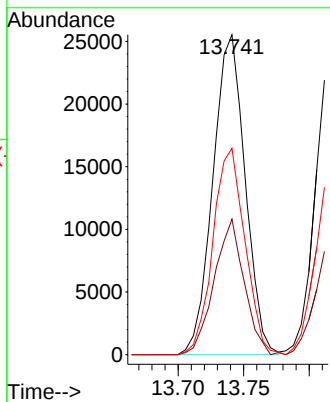
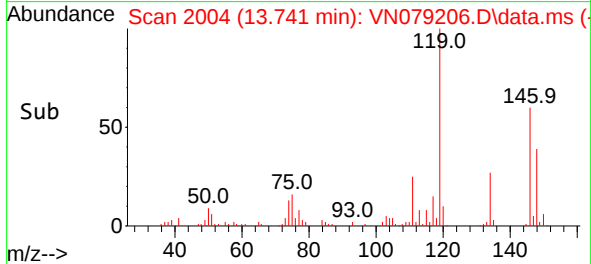
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



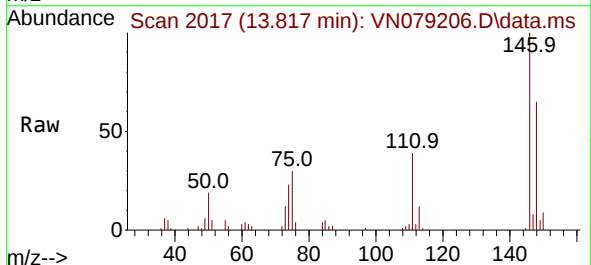
Tgt Ion:146 Resp: 43638
Ion Ratio Lower Upper
146 100
111 39.3 20.5 61.5
148 64.0 31.8 95.3

Manual Integrations
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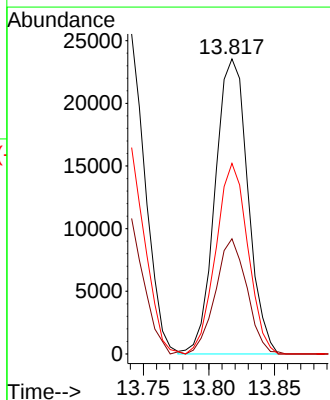
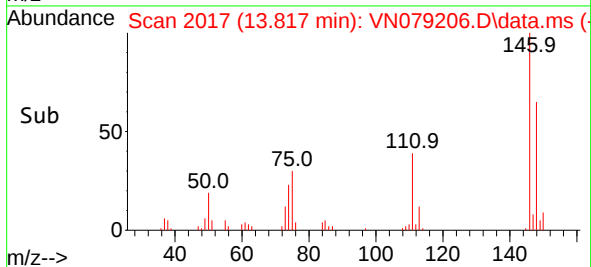
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

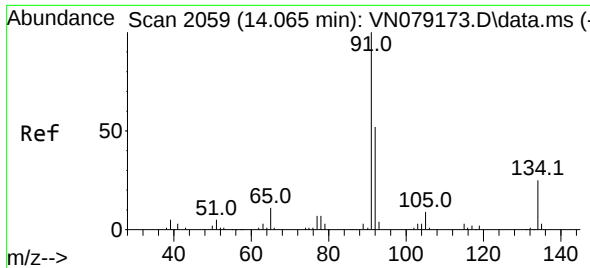


#84
1,4-Dichlorobenzene
Concen: 21.466 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion:146 Resp: 40923
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 63.0 32.1 96.5





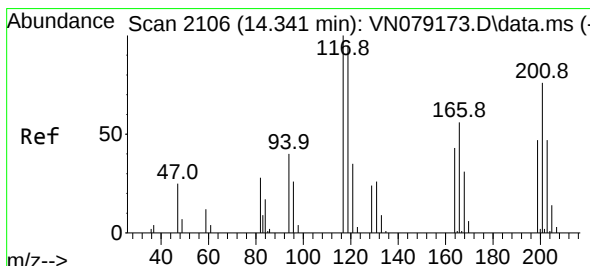
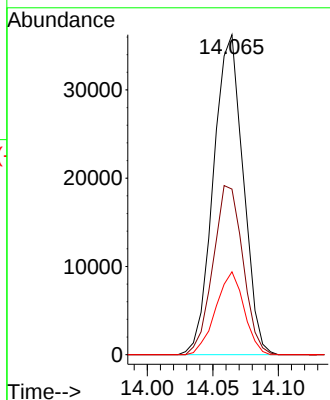
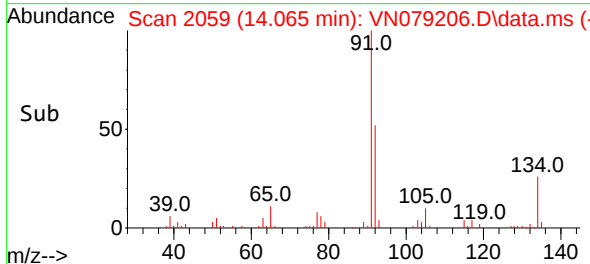
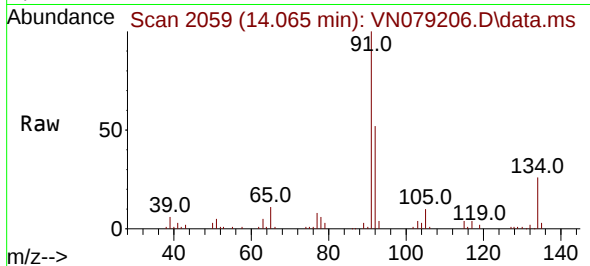
#85
n-Butylbenzene
Concen: 19.984 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 5720
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.0
134 24.7 0.0 49.6

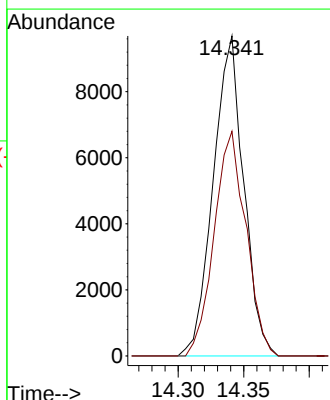
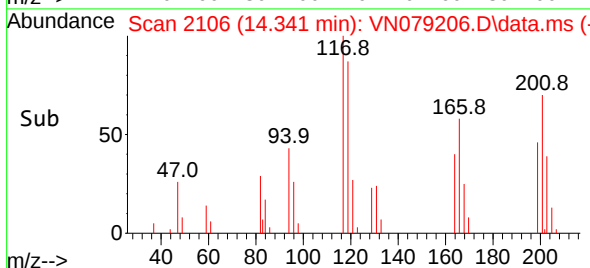
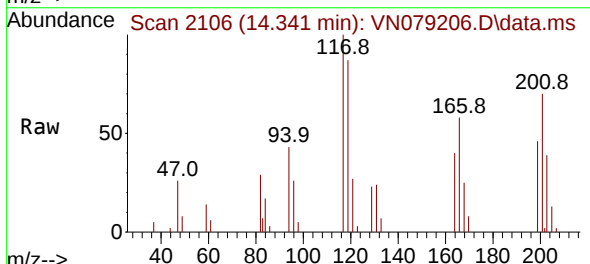
Manual Integrations
APPROVED

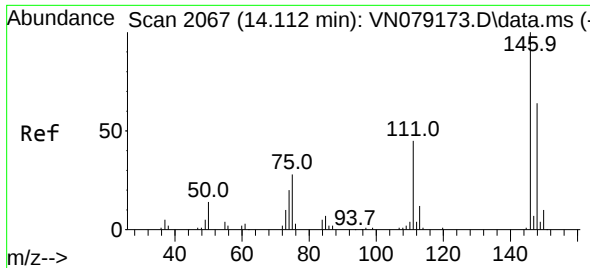
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#86
Hexachloroethane
Concen: 21.024 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

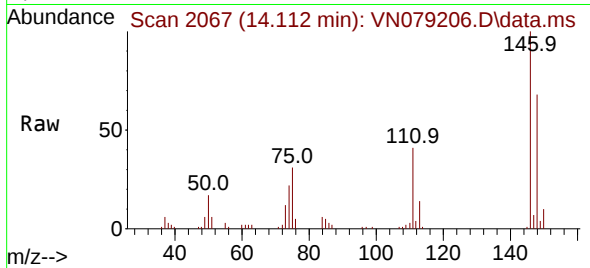
Tgt Ion:117 Resp: 15645
Ion Ratio Lower Upper
117 100
201 73.2 37.2 111.6





#87
1,2-Dichlorobenzene
Concen: 21.570 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

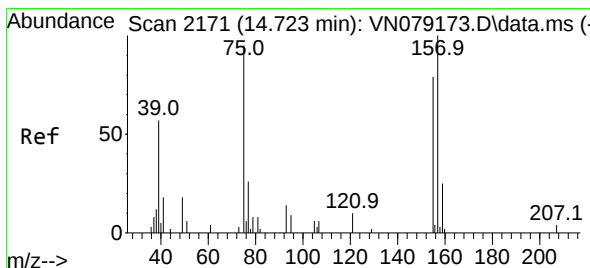
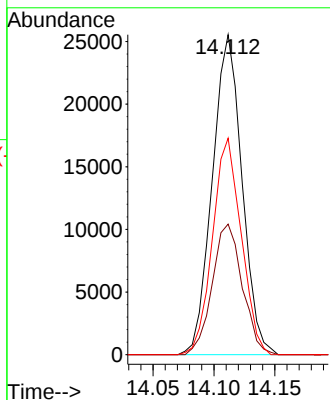
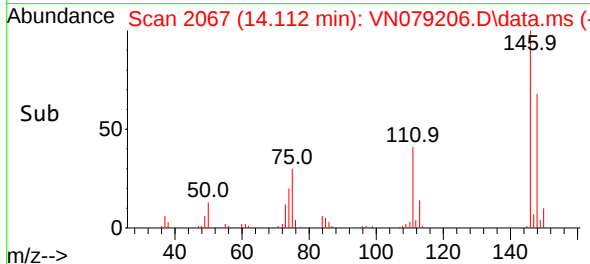
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



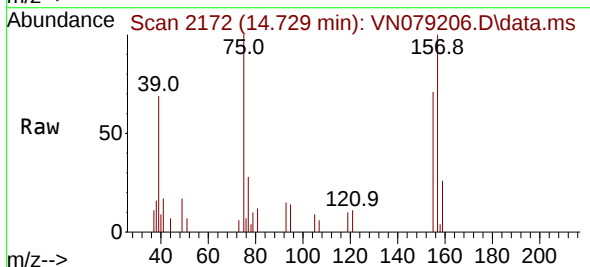
Tgt Ion:146 Resp: 43269
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 65.4 31.8 95.3

Manual Integrations
APPROVED

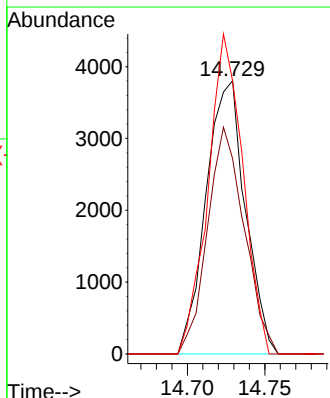
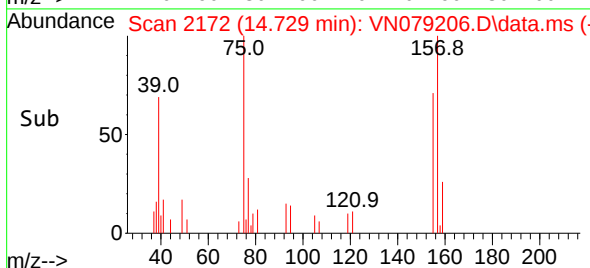
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

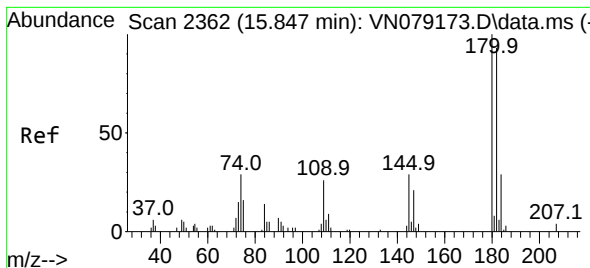


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.692 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43



Tgt Ion: 75 Resp: 6704
Ion Ratio Lower Upper
75 100
155 77.7 68.1 102.1
157 103.8 83.9 125.9





#89

1,2,4-Trichlorobenzene

Concen: 19.514 ug/l

RT: 15.847 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

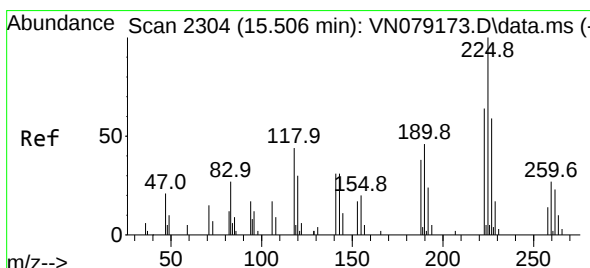
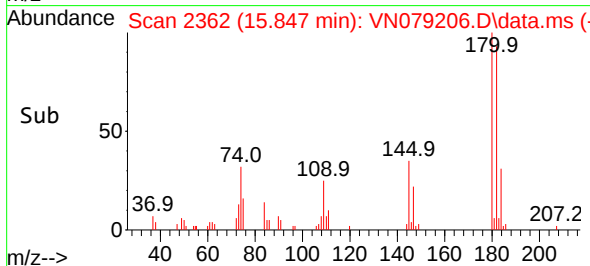
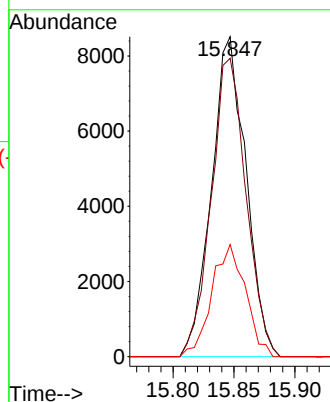
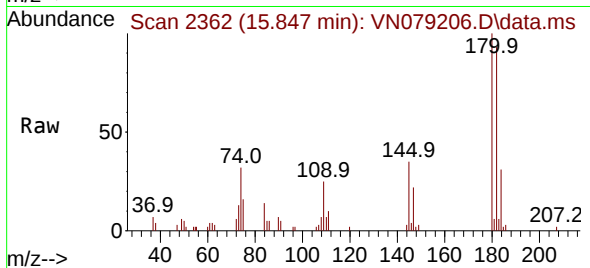
Tgt Ion:	180	Resp:	1675
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.5	111.7
145	34.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachlorobutadiene

Concen: 21.315 ug/l

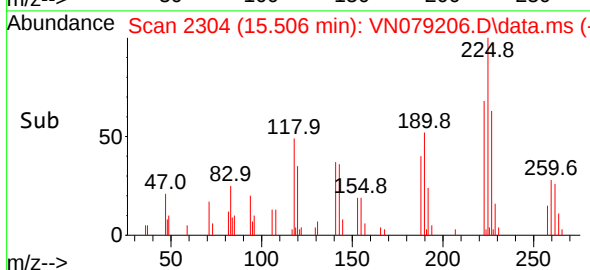
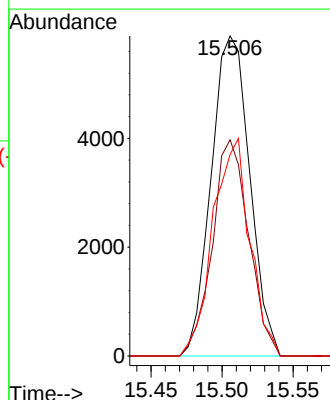
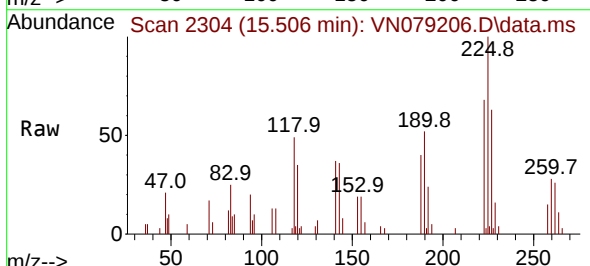
RT: 15.506 min Scan# 2304

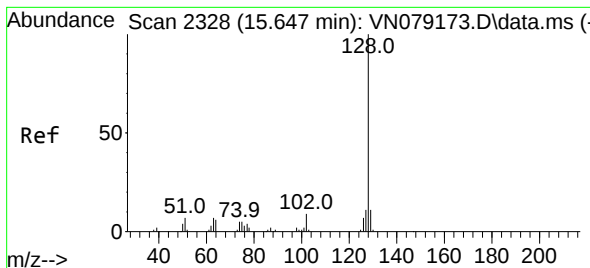
Delta R.T. -0.000 min

Lab File: VN079206.D

Acq: 08 Sep 2023 18:43

Tgt Ion:	225	Resp:	11114
Ion Ratio	Lower	Upper	
225	100		
223	63.7	0.0	125.6
227	64.9	0.0	124.0





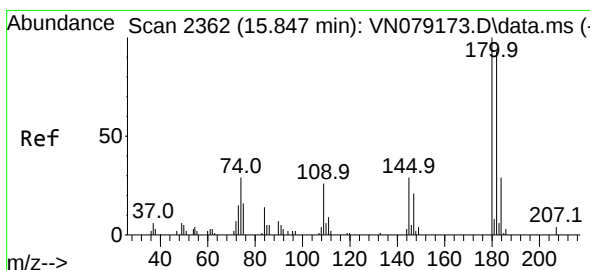
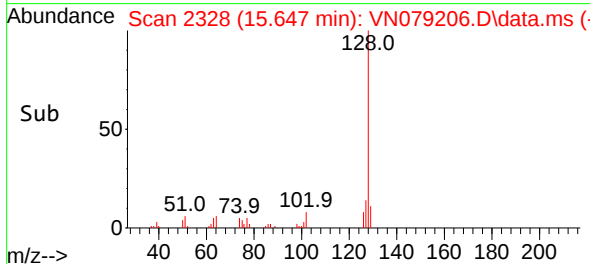
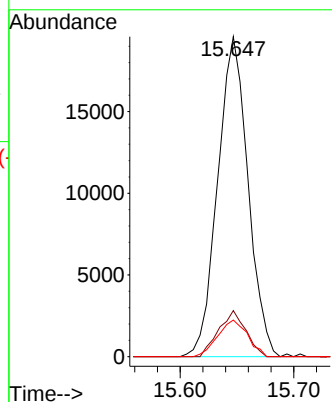
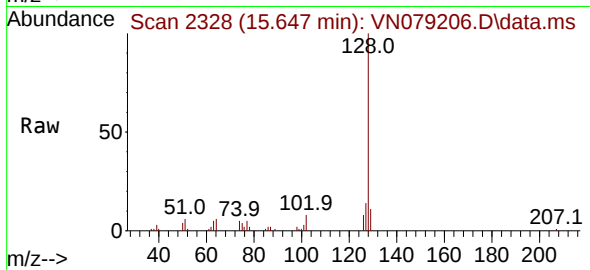
#91
Naphthalene
Concen: 16.184 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 3630
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.3 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.514 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079206.D
Acq: 08 Sep 2023 18:43

Tgt Ion:180 Resp: 16751
Ion Ratio Lower Upper
180 100
182 94.4 0.0 186.2
145 34.3 0.0 65.4

