

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079187.D
 Acq On : 07 Sep 2023 20:32
 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 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 05:46:30 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	7.818	128	30621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163748	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	147685	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	66113	28.737	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.800%		
60) 4-Bromofluorobenzene	12.853	95	65526	30.112	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.367%		
63) Toluene-d8	10.570	98	209719	30.386	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	32674	19.132	ug/l	95
3) Chloromethane	2.365	50	29099	16.993	ug/l	97
4) Vinyl Chloride	2.512	62	30986	18.289	ug/l	97
5) Bromomethane	2.953	94	16670	16.031	ug/l	96
6) Chloroethane	3.112	64	20295	19.559	ug/l	96
7) Trichlorofluoromethane	3.489	101	43256	21.445	ug/l	98
8) Diethyl Ether	3.965	74	22441	30.343	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	31015	27.902	ug/l	99
10) 1,1-Dichloroethene	4.341	96	31586	29.327	ug/l	89
11) Methyl Iodide	4.594	142	32330	23.830	ug/l	98
12) Methyl Acetate	5.036	43	73101	29.124	ug/l	99
13) Acrolein	4.189	56	13711	59.978	ug/l	95
14) Acrylonitrile	5.730	53	102457	139.137	ug/l	97
15) Acetone	4.441	58	27444	142.867	ug/l	86
16) Carbon Disulfide	4.712	76	89696	28.184	ug/l	96
17) Allyl chloride	5.030	41	46932	27.118	ug/l	90
18) Methylene Chloride	5.277	84	40966	28.358	ug/l	98
19) trans-1,2-Dichloroethene	5.794	96	35992	26.710	ug/l	96
20) Diisopropyl ether	6.683	45	114602	22.181	ug/l #	92
21) 1,1-Dichloroethane	6.571	63	68621	22.672	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	40653	19.291	ug/l	97
23) tert-Butyl Alcohol	5.541	59	37330	131.778	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	109044	25.653	ug/l	97
25) Chloroform	7.971	83	69444	19.027	ug/l	94
26) Cyclohexane	8.265	56	51664	18.823	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	50439	19.212	ug/l	99
30) 2-Butanone	7.494	43	132249	100.149	ug/l	99
31) 2,2-Dichloropropane	7.494	77	42603	16.269	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	59849	19.349	ug/l	98
33) Carbon Tetrachloride	8.371	117	52100	19.609	ug/l	94
34) Benzene	8.612	78	159445	19.115	ug/l	98
35) Methacrylonitrile	7.788	41	28582	20.102	ug/l	95
36) 1,2-Dichloroethane	8.676	62	50694	18.428	ug/l	100
37) Trichloroethene	9.359	130	37222	18.879	ug/l	99
38) Methylcyclohexane	9.606	83	48623	18.526	ug/l	97
39) 1,2-Dichloropropane	9.629	63	41586	19.328	ug/l	94
40) Dibromomethane	9.718	93	27732	19.544	ug/l	96
41) Bromodichloromethane	9.894	83	55523	19.629	ug/l #	93
42) Vinyl Acetate	6.612	43	349560	111.464	ug/l	99

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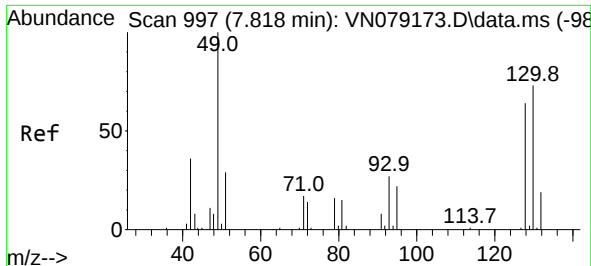
Manual Integrations
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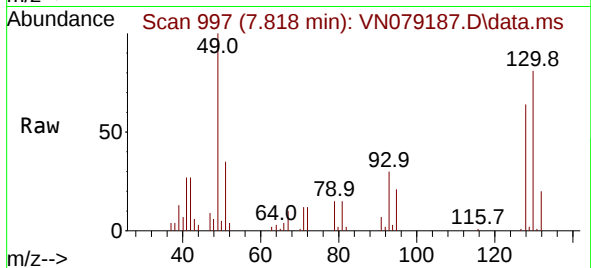
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	53997	21.531	ug/l	97
44) Isopropyl Acetate	8.694	43	89542	19.848	ug/l	97
45) 1,4-Dioxane	9.700	88	17090	380.564	ug/l #	65
46) Methyl methacrylate	9.688	41	37761	18.734	ug/l	97
47) n-amyl Acetate	12.500	43	63632	20.055	ug/l	96
48) t-1,3-Dichloropropene	10.847	75	54678	17.868	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	61015	19.115	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	39201	19.693	ug/l	99
51) Ethyl methacrylate	10.882	69	58069	18.889	ug/l	98
52) 1,3-Dichloropropane	11.170	76	68268	20.088	ug/l	97
53) Dibromochloromethane	11.365	129	40928	19.603	ug/l	99
54) 1,2-Dibromoethane	11.476	107	38795	19.192	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	80248	73.464	ug/l	99
56) Bromoform	12.582	173	28248	19.417	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	270467	99.799	ug/l	100
59) 2-Hexanone	11.206	43	194669	102.281	ug/l	100
61) Tetrachloroethene	11.106	164	31188	19.408	ug/l	95
62) Toluene	10.635	91	170026	19.773	ug/l	98
64) Chlorobenzene	11.900	112	97456	19.427	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.970	131	37669	19.614	ug/l	99
66) Ethyl Benzene	11.970	91	170807	19.728	ug/l	100
67) m/p-Xylenes	12.076	106	132247	40.594	ug/l	98
68) o-Xylene	12.406	106	62609	19.928	ug/l	98
69) Styrene	12.417	104	103655	20.685	ug/l	98
70) Isopropylbenzene	12.700	105	157707	19.748	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	60312	20.189	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	49043m	19.511	ug/l	
73) Bromobenzene	12.988	156	38519	19.309	ug/l	100
74) n-propylbenzene	13.041	91	182115	20.015	ug/l	99
75) 2-Chlorotoluene	13.129	91	116931	20.041	ug/l	98
76) 1,3,5-Trimethylbenzene	13.182	105	133207	20.173	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	15535	17.554	ug/l	92
78) 4-Chlorotoluene	13.229	91	108848	19.758	ug/l	99
79) tert-butylbenzene	13.447	119	108683	20.052	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	129314	20.506	ug/l	100
81) sec-Butylbenzene	13.623	105	150565	20.303	ug/l	100
82) p-Isopropyltoluene	13.735	119	118622	20.251	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	63209	19.952	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	59385	19.987	ug/l	99
85) n-Butylbenzene	14.064	91	84207	18.875	ug/l	100
86) Hexachloroethane	14.341	117	18270	15.753	ug/l	98
87) 1,2-Dichlorobenzene	14.111	146	52629	16.833	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10226	20.251	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	24671	18.440	ug/l	99
90) Hexachlorobutadiene	15.505	225	15720	19.344	ug/l	97
91) Naphthalene	15.647	128	58029	16.598	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	24671	18.440	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

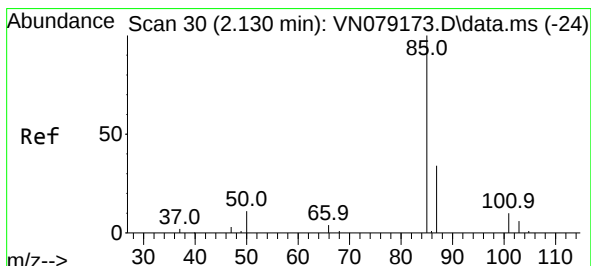
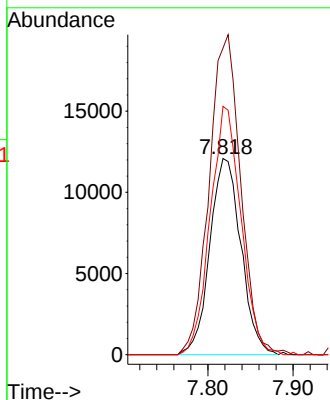
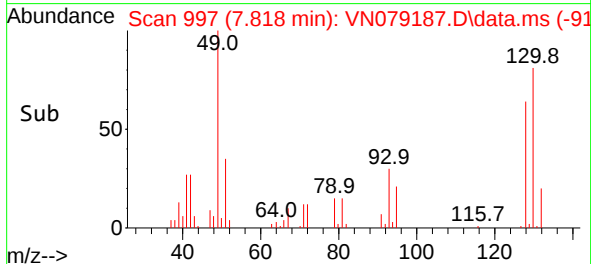
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 3062
Ion Ratio Lower Upper
128 100
49 164.8 0.0 414.3
130 125.4 0.0 311.0

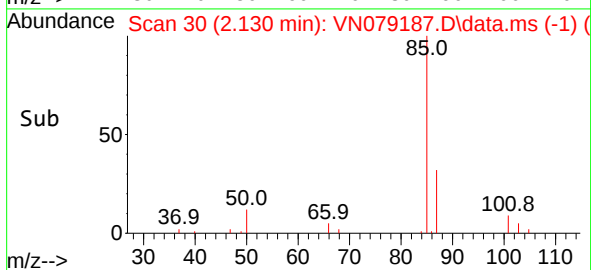
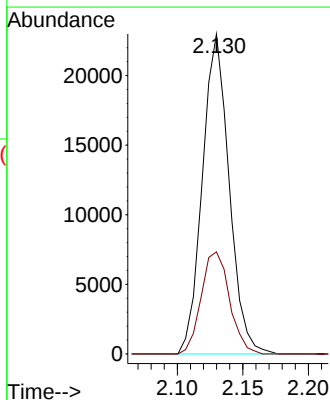
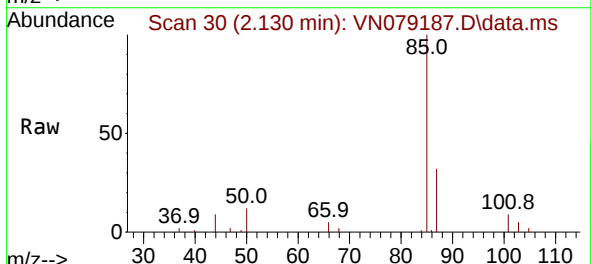
Manual Integrations
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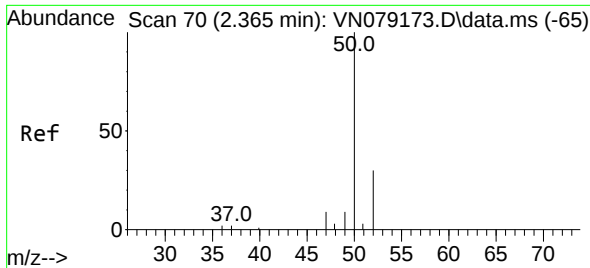
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 19.132 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

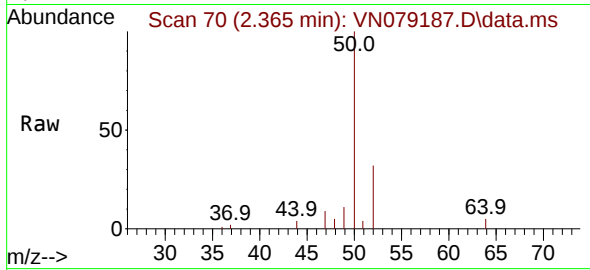
Tgt Ion: 85 Resp: 32674
Ion Ratio Lower Upper
85 100
87 31.9 17.3 51.7





#3
Chloromethane
Concen: 16.993 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

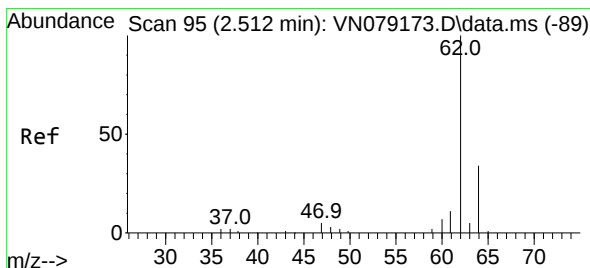
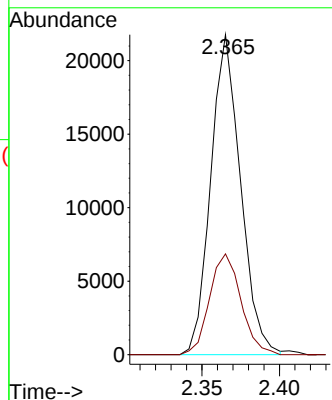
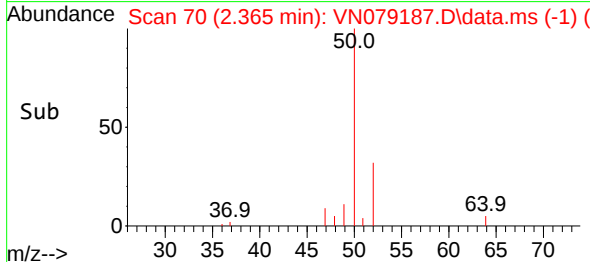
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



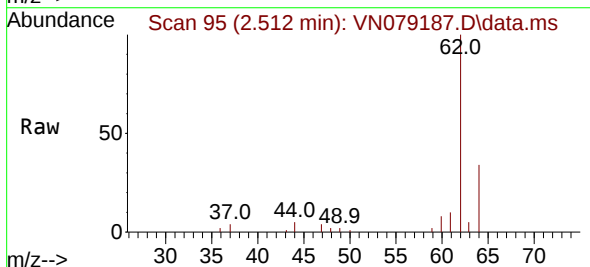
Tgt Ion: 50 Resp: 29099
Ion Ratio Lower Upper
50 100
52 31.5 24.0 36.0

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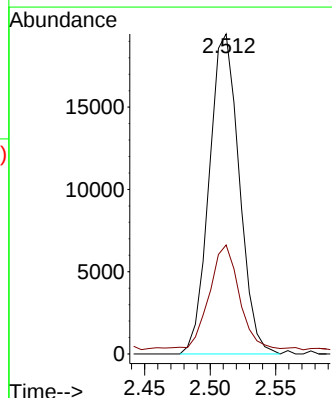
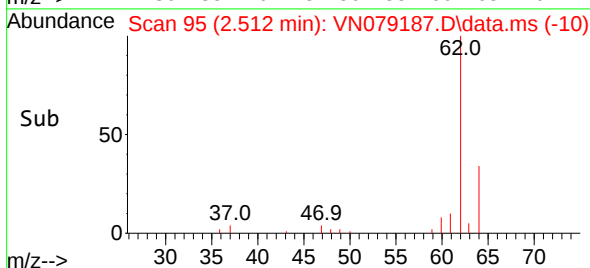
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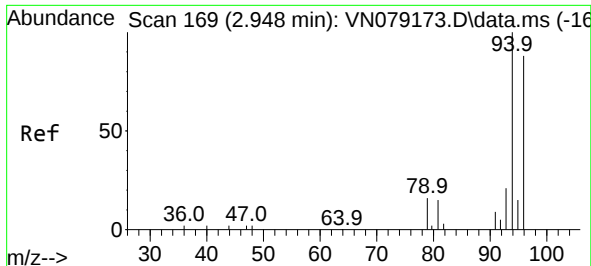


#4
Vinyl Chloride
Concen: 18.289 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



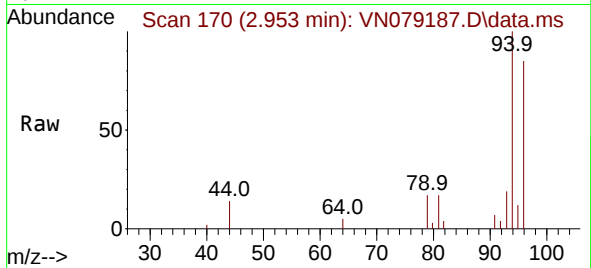
Tgt Ion: 62 Resp: 30986
Ion Ratio Lower Upper
62 100
64 32.3 27.1 40.7





#5
Bromomethane
Concen: 16.031 ug/l
RT: 2.953 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

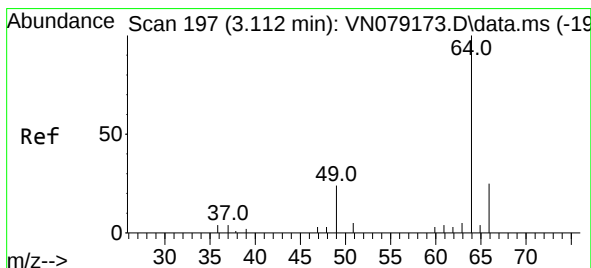
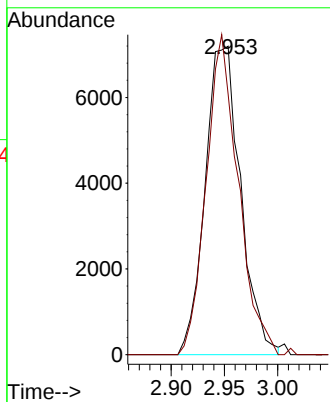
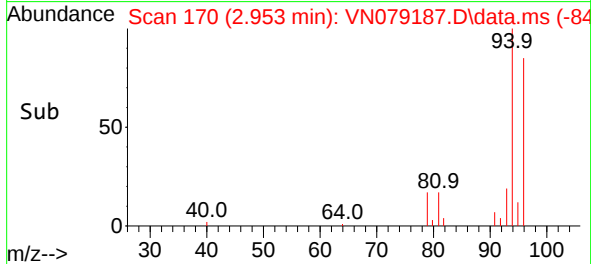
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 16670
Ion Ratio Lower Upper
94 100
96 84.5 70.6 105.8

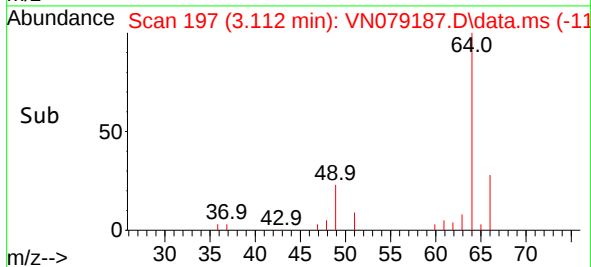
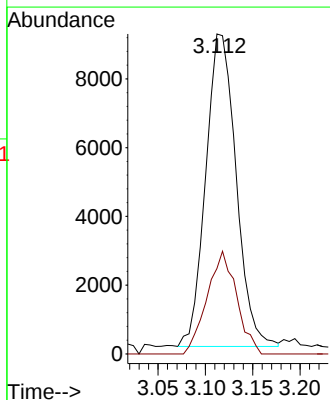
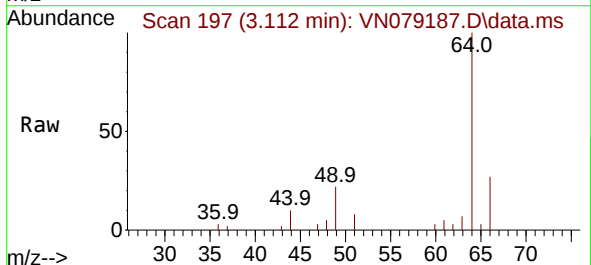
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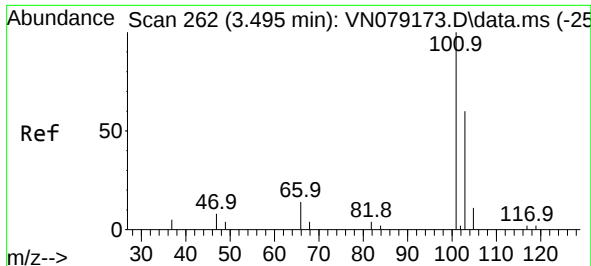
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#6
Chloroethane
Concen: 19.559 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

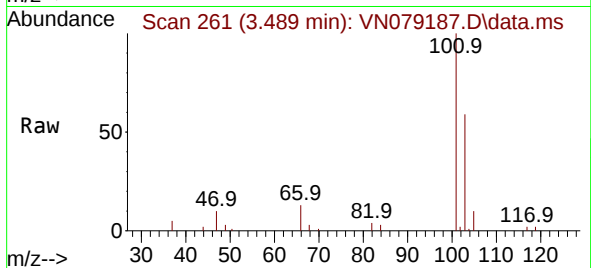
Tgt Ion: 64 Resp: 20295
Ion Ratio Lower Upper
64 100
66 27.3 20.1 30.1





#7
Trichlorofluoromethane
Concen: 21.445 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

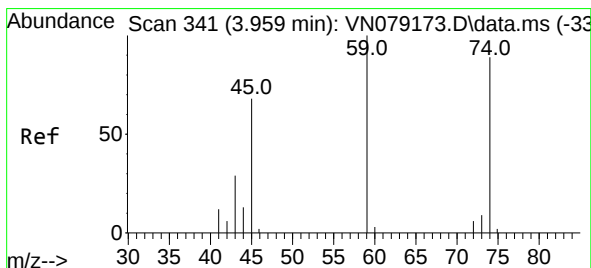
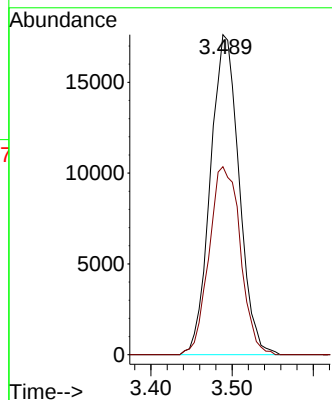
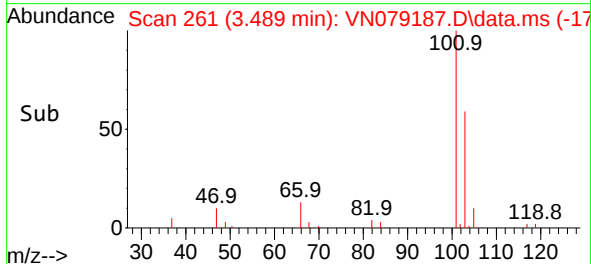
Instrument :
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Tgt Ion:101 Resp: 43250
Ion Ratio Lower Upper
101 100
103 58.7 48.2 72.4

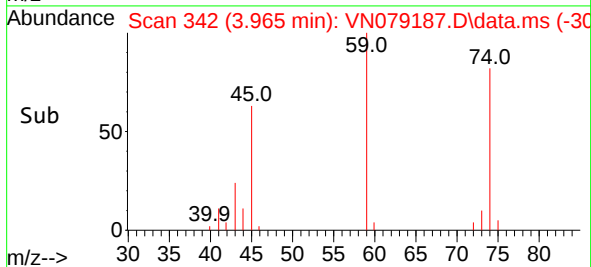
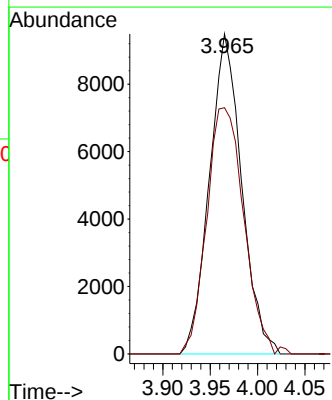
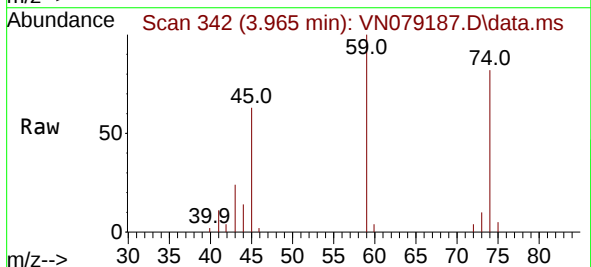
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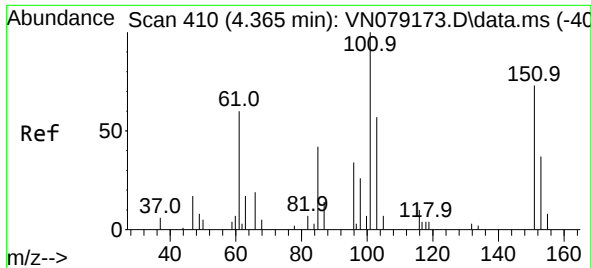
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#8
Diethyl Ether
Concen: 30.343 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion: 74 Resp: 22441
Ion Ratio Lower Upper
74 100
45 88.0 17.6 158.0





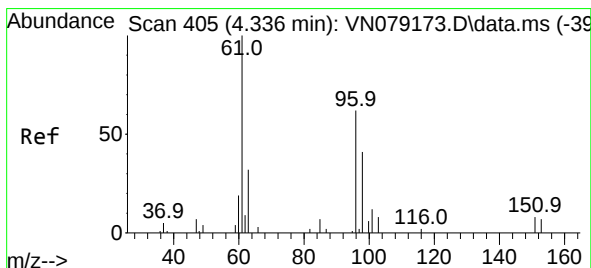
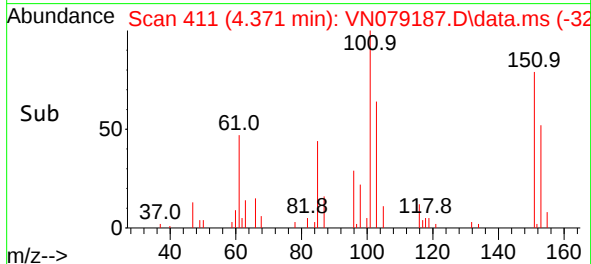
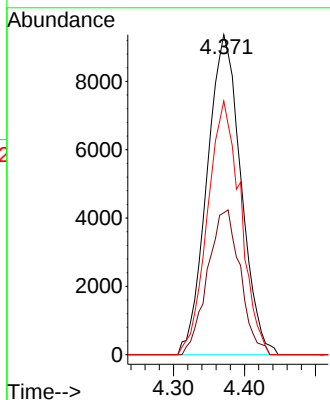
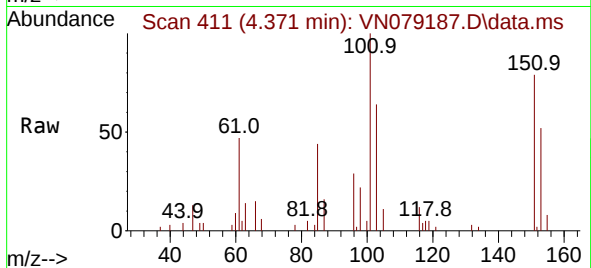
#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.902 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3101
Ion Ratio Lower Upper
101 100
85 43.7 0.0 85.6
151 77.3 0.0 155.8

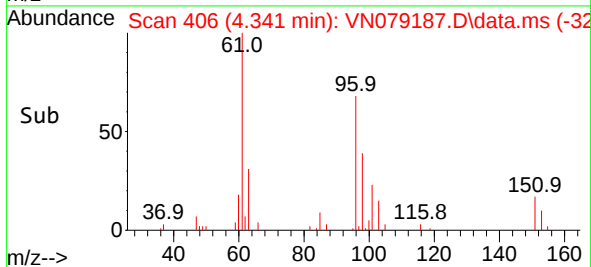
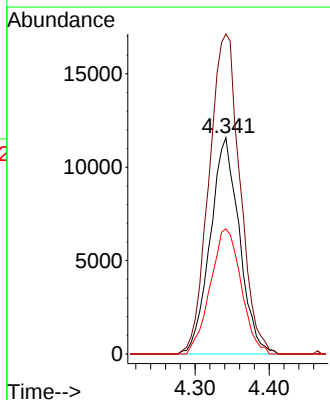
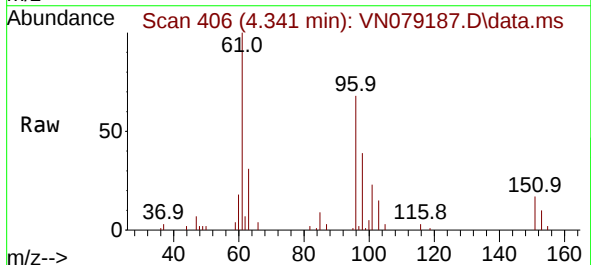
Manual Integrations
APPROVED

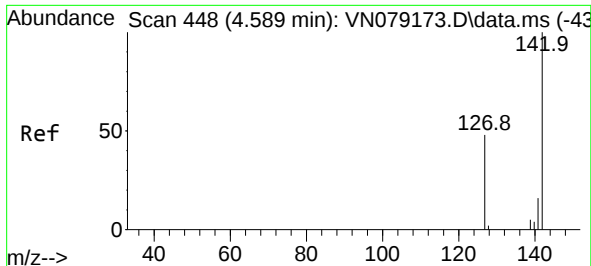
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
1,1-Dichloroethene
Concen: 29.327 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

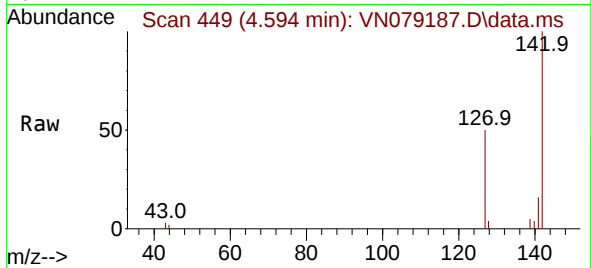
Tgt Ion: 96 Resp: 31586
Ion Ratio Lower Upper
96 100
61 147.9 130.2 195.2
98 57.8 52.3 78.5





#11
Methyl Iodide
Concen: 23.830 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.005 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

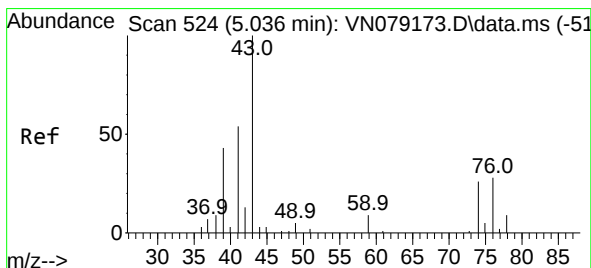
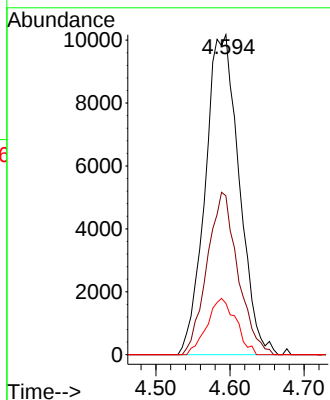
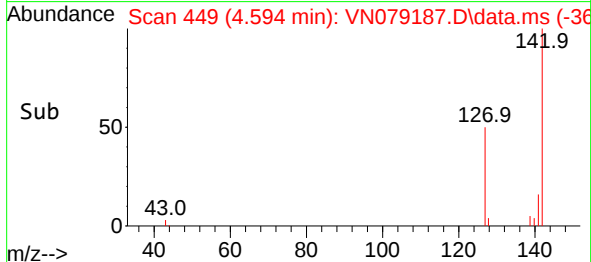
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 32330
Ion Ratio Lower Upper
142 100
127 49.6 23.8 71.4
141 16.1 8.2 24.6

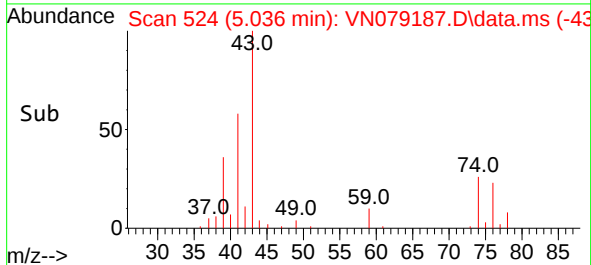
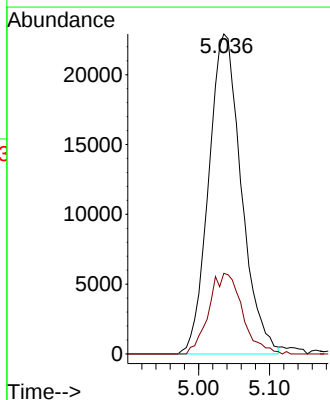
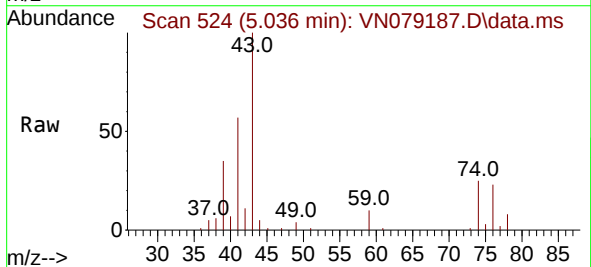
Manual Integrations
APPROVED

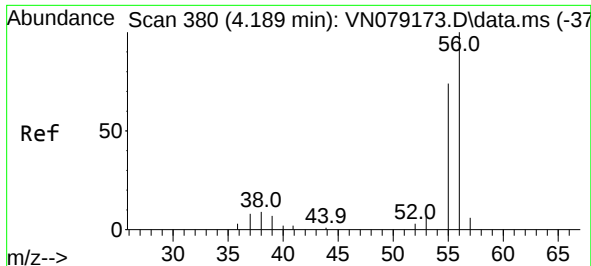
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
Methyl Acetate
Concen: 29.124 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

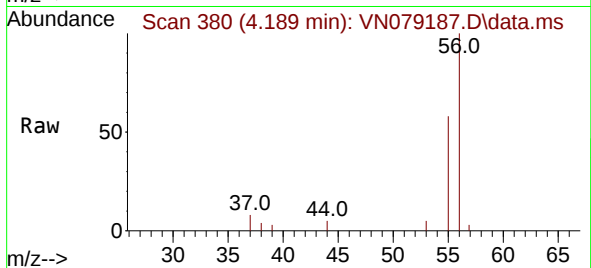
Tgt Ion: 43 Resp: 73101
Ion Ratio Lower Upper
43 100
74 25.1 20.4 30.6





#13
Acrolein
Concen: 59.978 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

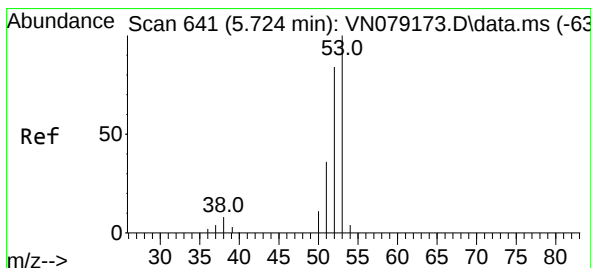
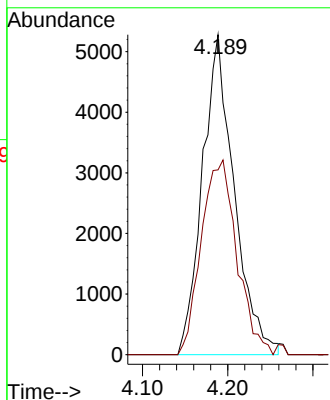
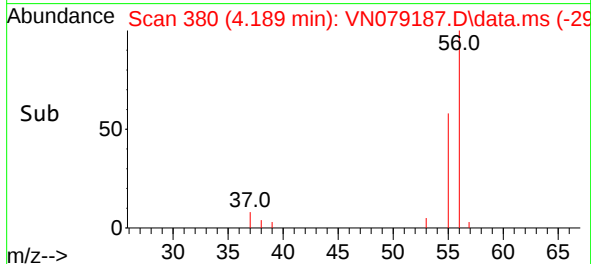
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



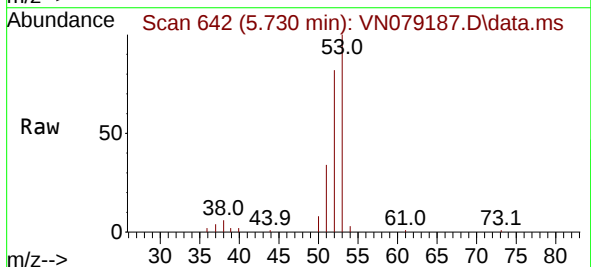
Tgt Ion: 56 Resp: 1371
Ion Ratio Lower Upper
56 100
55 68.0 57.7 86.5

Manual Integrations
APPROVED

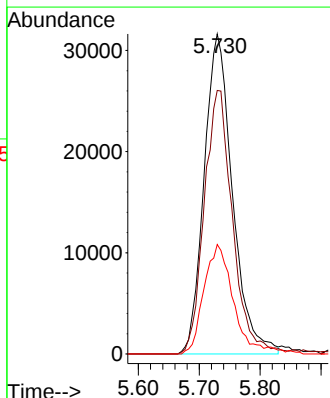
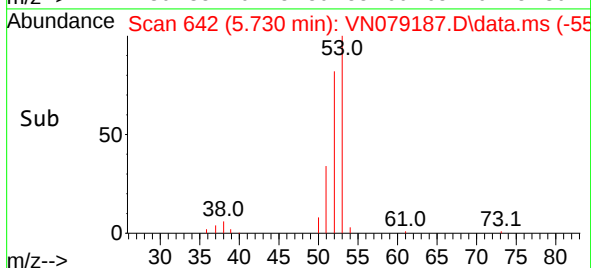
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

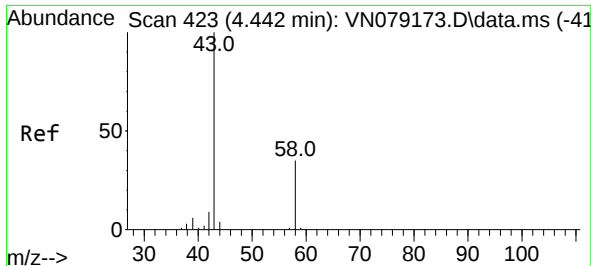


#14
Acrylonitrile
Concen: 139.137 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



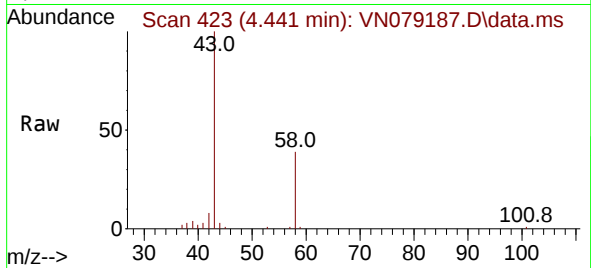
Tgt Ion: 53 Resp: 102457
Ion Ratio Lower Upper
53 100
52 80.1 41.4 124.4
51 33.4 17.3 51.9





#15
Acetone
Concen: 142.867 ug/l
RT: 4.441 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

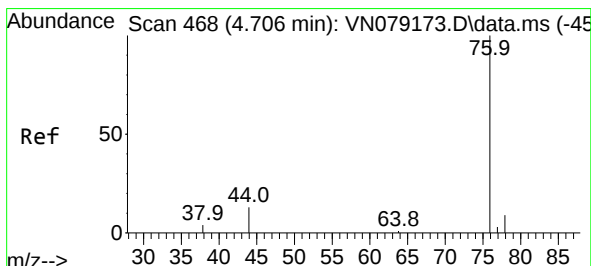
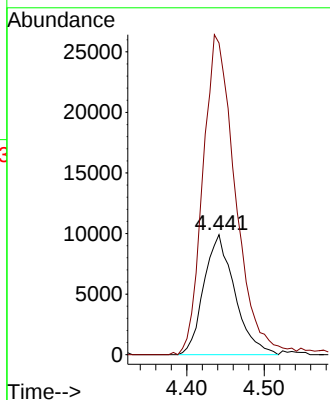
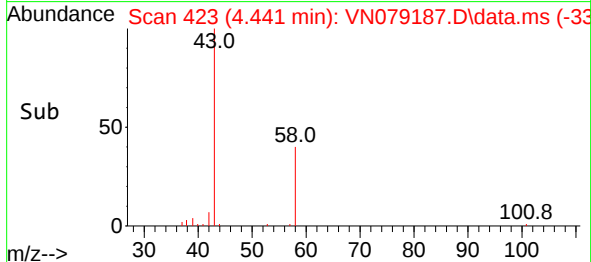
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



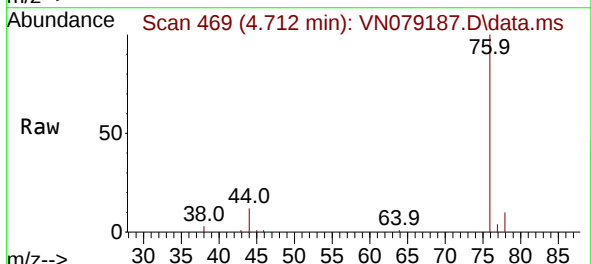
Tgt Ion: 58 Resp: 2744
Ion Ratio Lower Upper
58 100
43 259.6 228.3 342.5

Manual Integrations
APPROVED

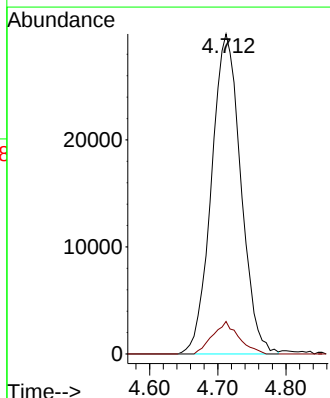
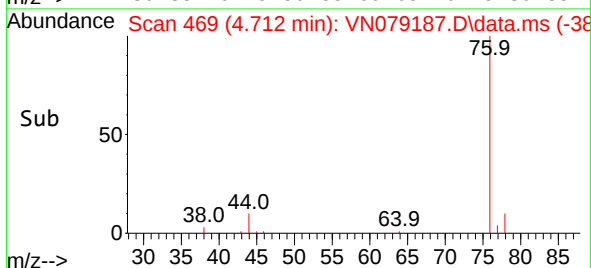
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

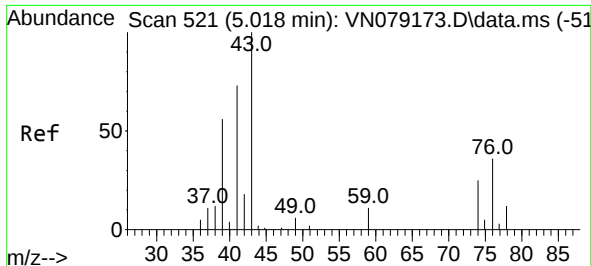


#16
Carbon Disulfide
Concen: 28.184 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



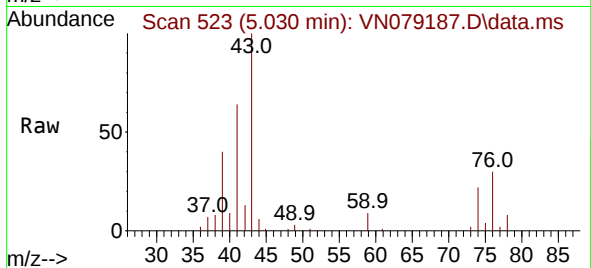
Tgt Ion: 76 Resp: 89696
Ion Ratio Lower Upper
76 100
78 10.1 6.9 10.3





#17
 Allyl chloride
 Concen: 27.118 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32

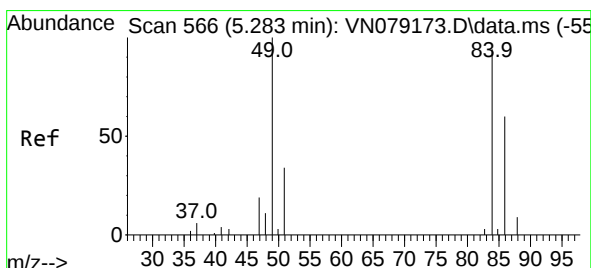
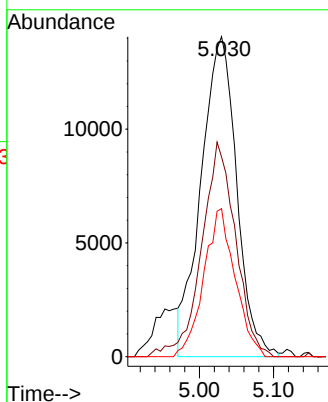
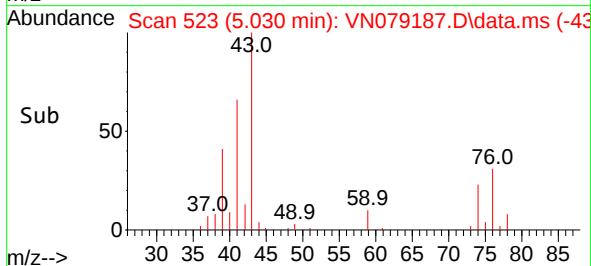
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 4693
 Ion Ratio Lower Upper
 41 100
 39 63.1 38.3 114.8
 76 46.7 23.7 71.1

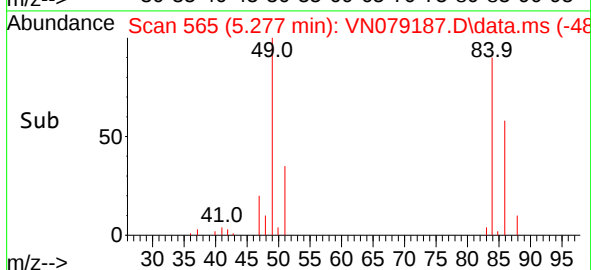
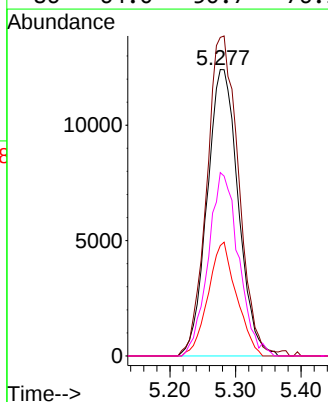
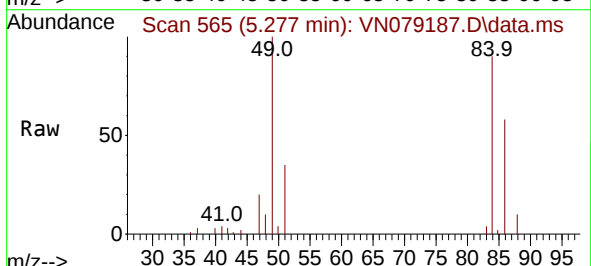
Manual Integrations
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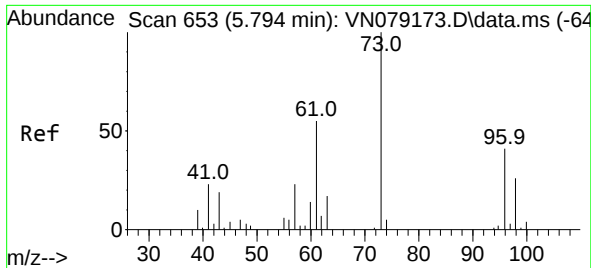
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#18
 Methylene Chloride
 Concen: 28.358 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32

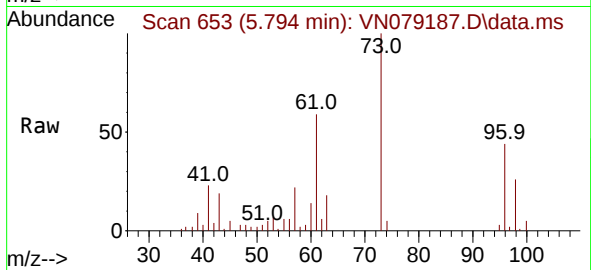
Tgt Ion: 84 Resp: 40966
 Ion Ratio Lower Upper
 84 100
 49 111.2 86.9 130.3
 51 38.5 28.6 43.0
 86 64.0 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 26.710 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

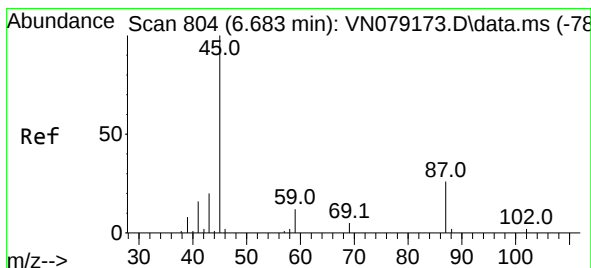
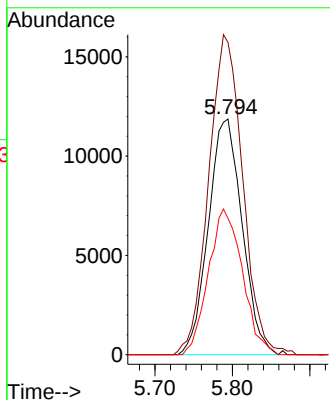
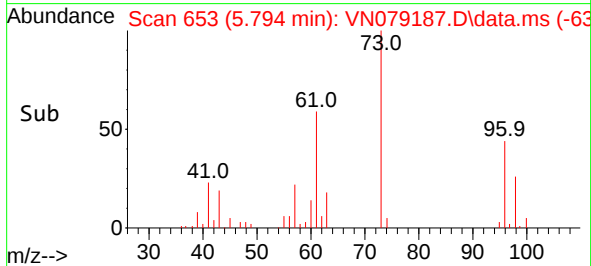
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 35992
Ion Ratio Lower Upper
96 100
61 131.0 106.6 159.8
98 57.8 51.0 76.4

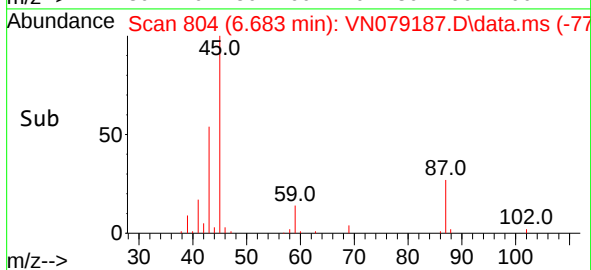
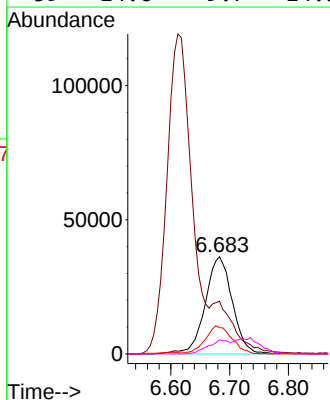
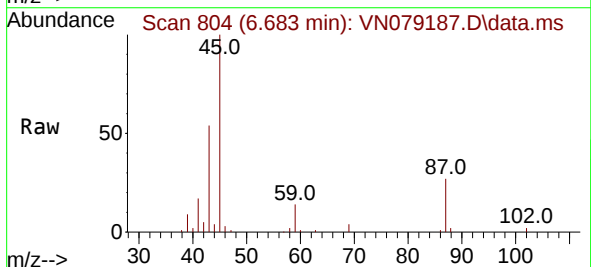
Manual Integrations
APPROVED

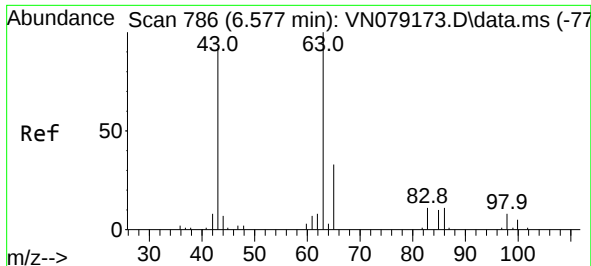
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Diisopropyl ether
Concen: 22.181 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion: 45 Resp: 114602
Ion Ratio Lower Upper
45 100
43 52.5 34.9 52.3#
87 27.2 21.5 32.3
59 14.6 9.7 14.5#





#21

1,1-Dichloroethane

Concen: 22.672 ug/l

RT: 6.571 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

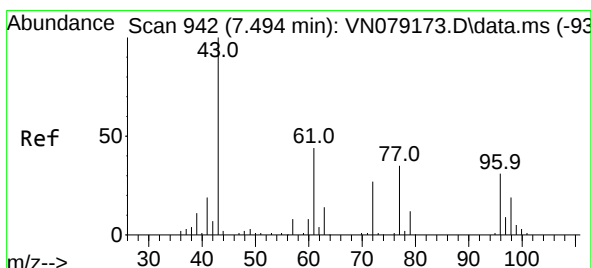
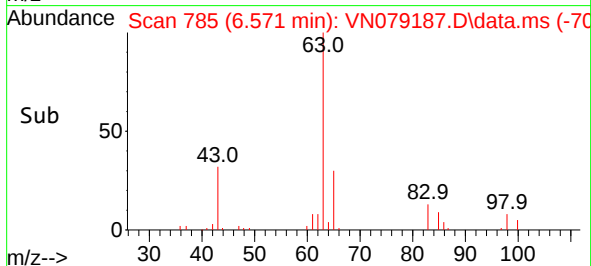
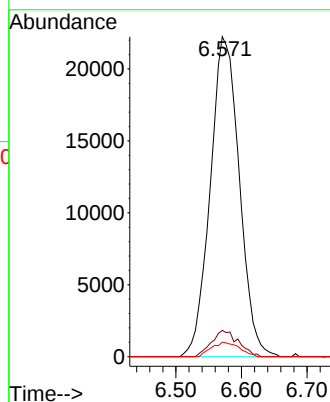
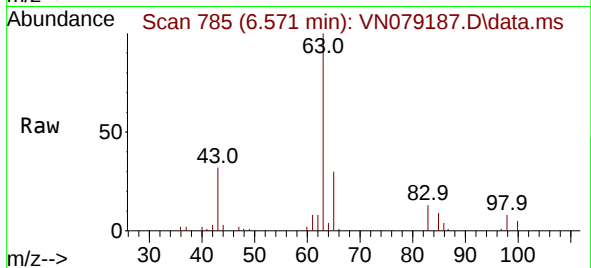
Tgt Ion:	63	Resp:	6862
Ion Ratio	Lower	Upper	
63	100		
98	8.2	3.9	11.5
100	4.5	2.5	7.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#22

cis-1,2-Dichloroethene

Concen: 19.291 ug/l

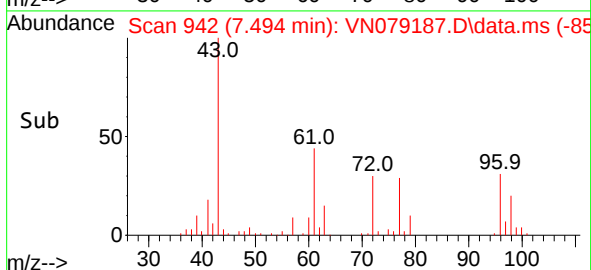
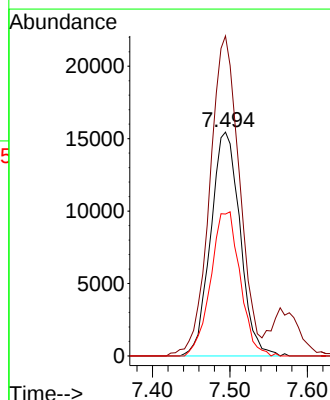
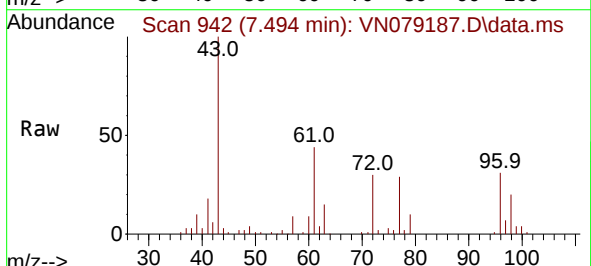
RT: 7.494 min Scan# 942

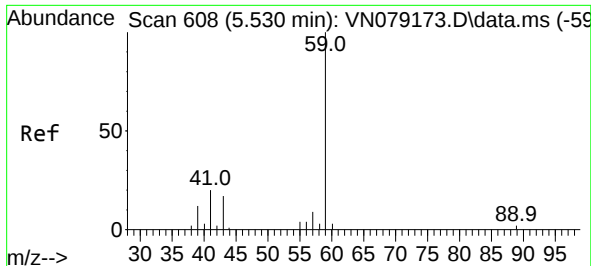
Delta R.T. 0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

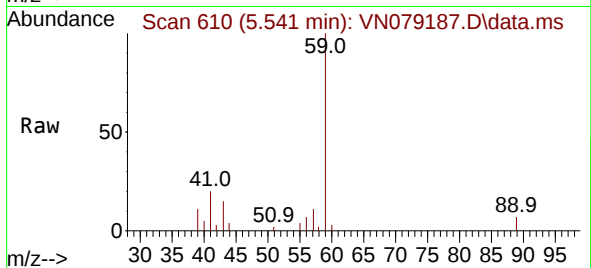
Tgt Ion:	96	Resp:	40653
Ion Ratio	Lower	Upper	
96	100		
61	145.0	113.0	169.6
98	64.4	50.2	75.4





#23
tert-Butyl Alcohol
Concen: 131.778 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

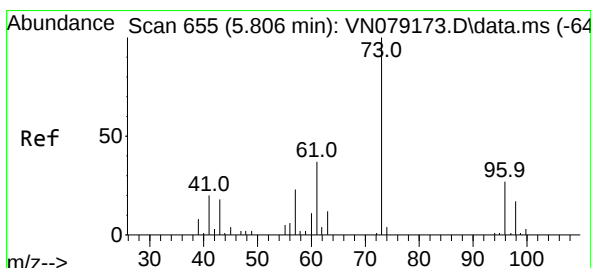
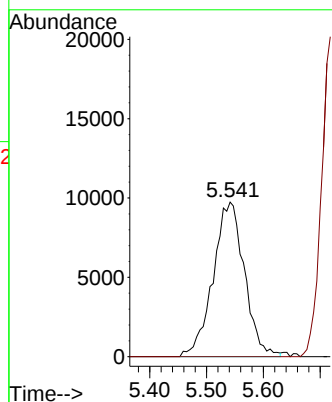
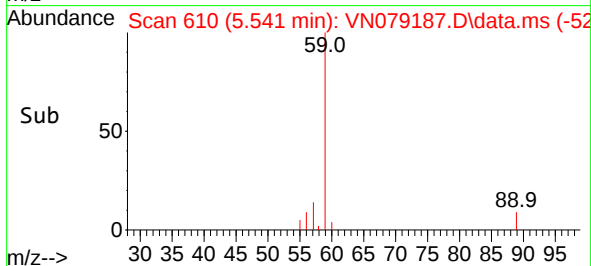
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 37330
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

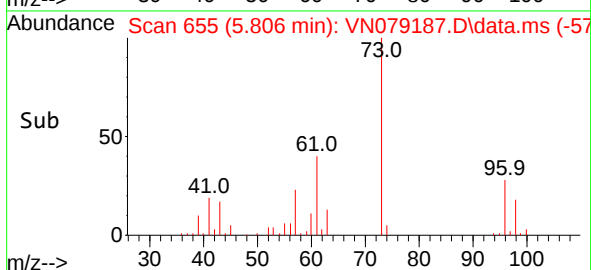
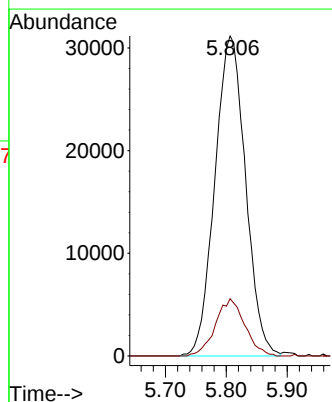
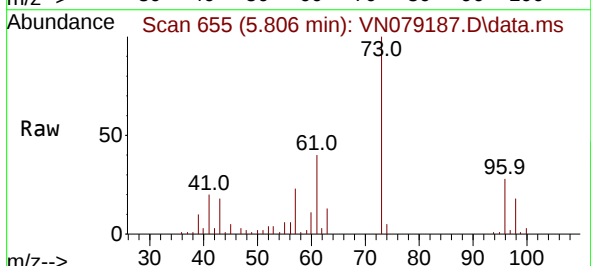
Manual Integrations
APPROVED

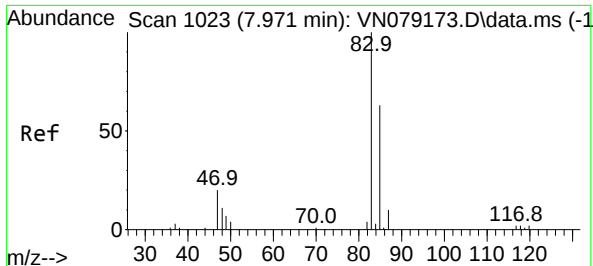
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 25.653 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

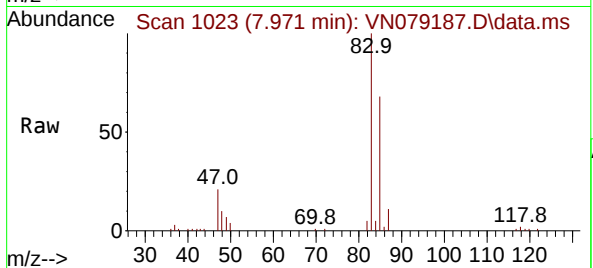
Tgt Ion: 73 Resp: 109044
Ion Ratio Lower Upper
73 100
43 17.2 14.7 22.1





#25
Chloroform
Concen: 19.027 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

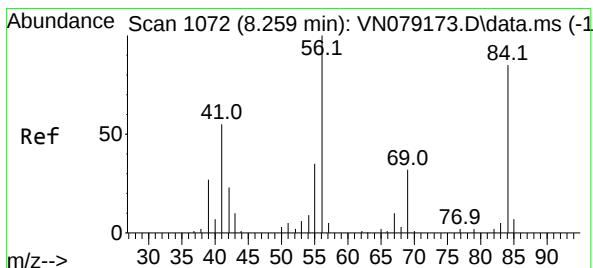
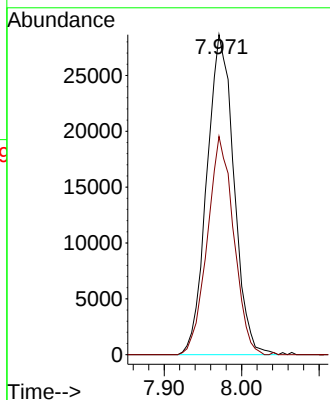
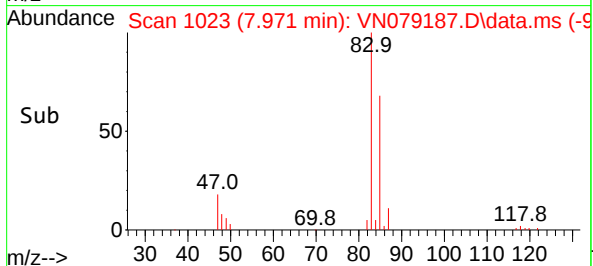
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



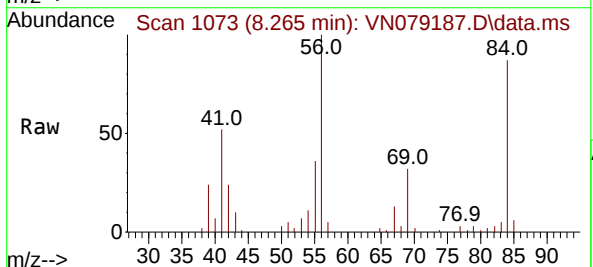
Tgt Ion: 83 Resp: 6944
Ion Ratio Lower Upper
83 100
85 68.2 50.6 76.0

Manual Integrations
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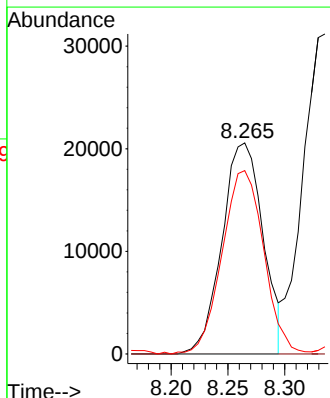
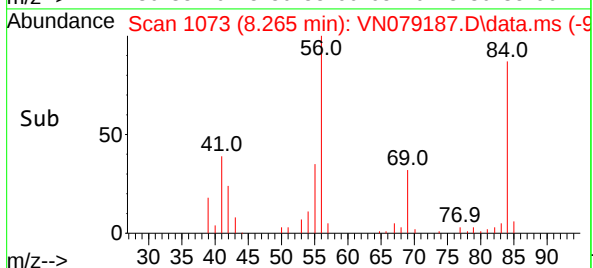
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

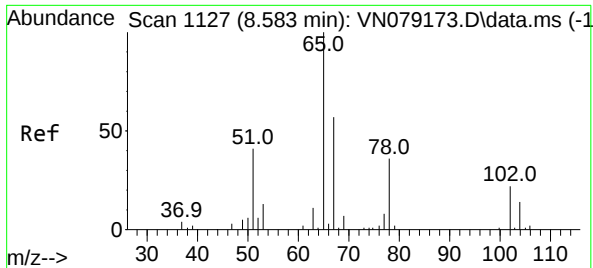


#26
Cyclohexane
Concen: 18.823 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



Tgt Ion: 56 Resp: 51664
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 28.737 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

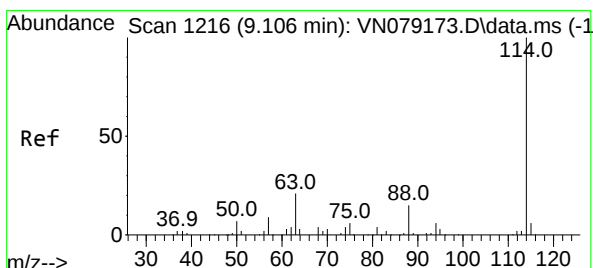
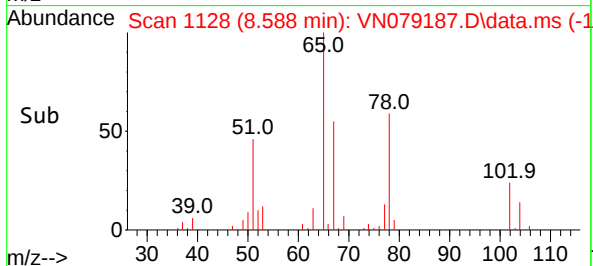
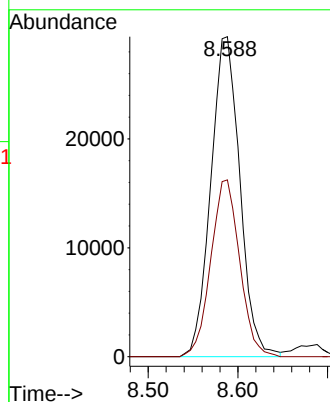
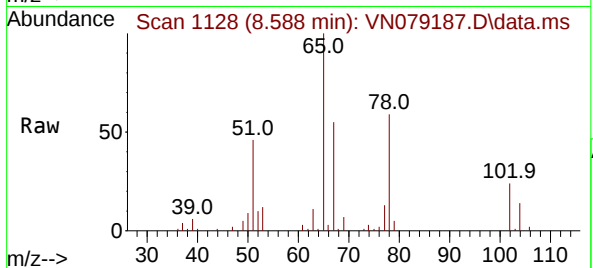
VSTDCCC020EC

Tgt Ion: 65 Resp: 6611
Ion Ratio Lower Upper
65 100
67 54.9 44.4 66.6

Manual Integrations

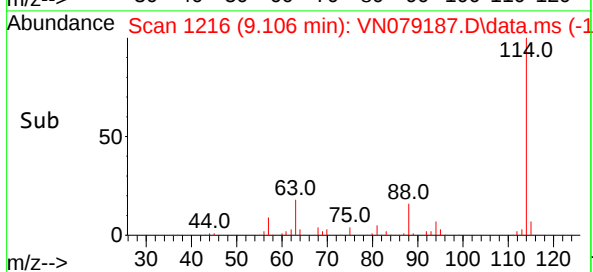
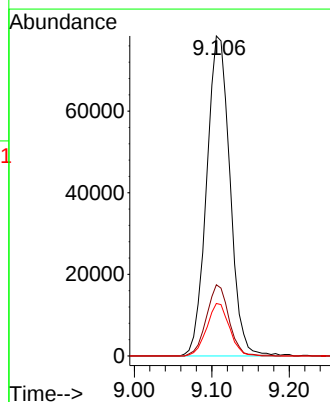
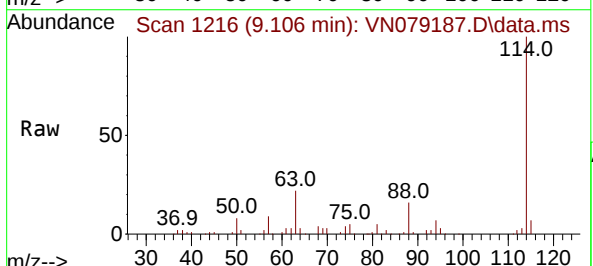
APPROVED

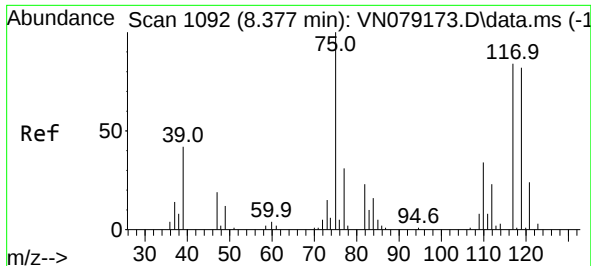
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion:114 Resp: 163748
Ion Ratio Lower Upper
114 100
63 21.3 17.0 25.4
88 15.9 12.8 19.2





#29

1,1-Dichloropropene

Concen: 19.212 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 50439

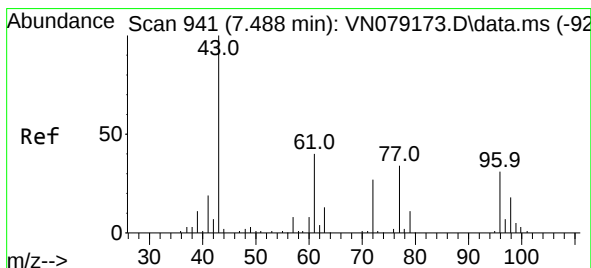
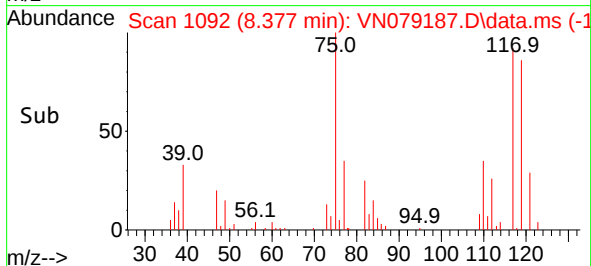
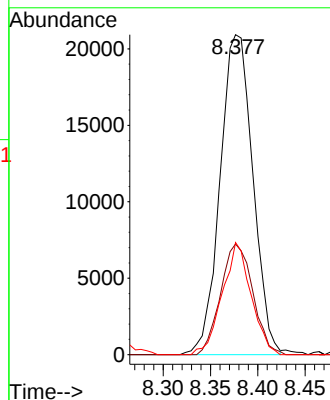
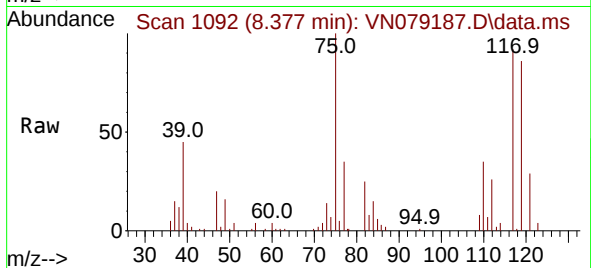
Ion	Ratio	Lower	Upper
75	100		
110	33.9	0.0	68.4
77	30.7	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

2-Butanone

Concen: 100.149 ug/l

RT: 7.494 min Scan# 942

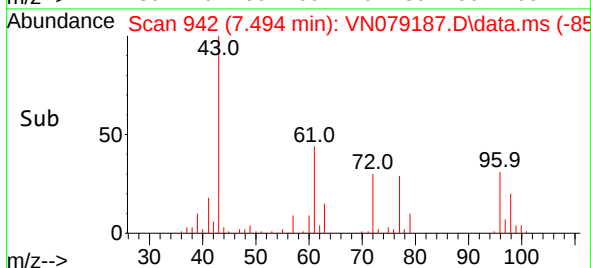
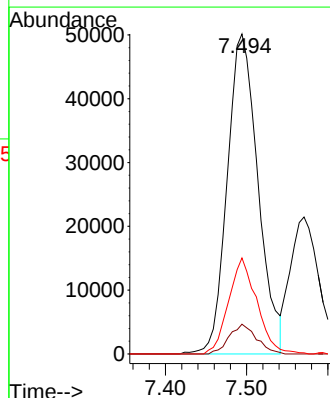
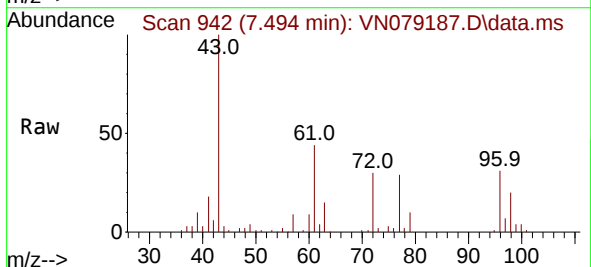
Delta R.T. 0.006 min

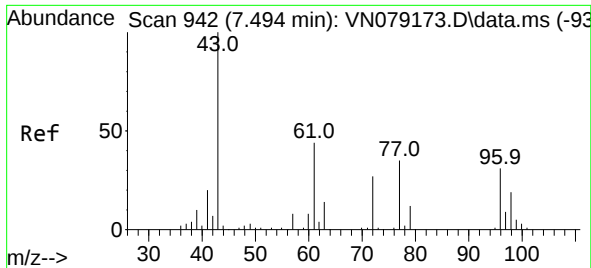
Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Tgt Ion: 43 Resp: 132249

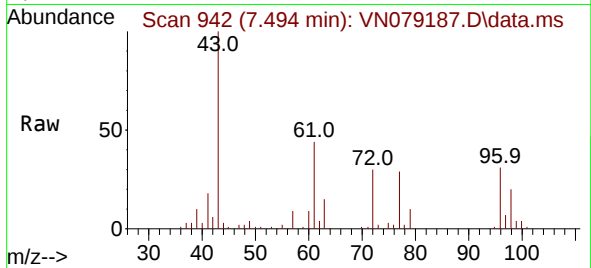
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.8	10.2
72	27.6	22.4	33.6





#31
2,2-Dichloropropane
Concen: 16.269 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

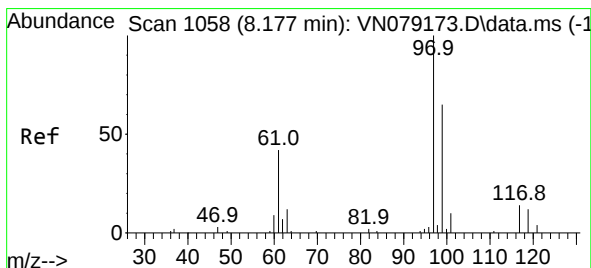
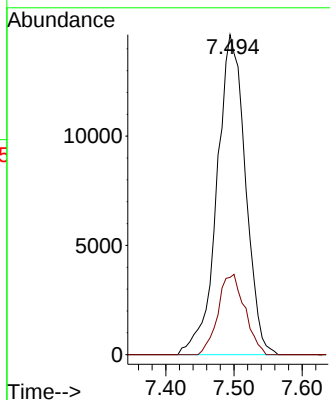
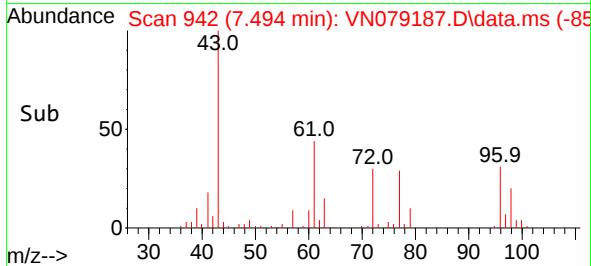
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



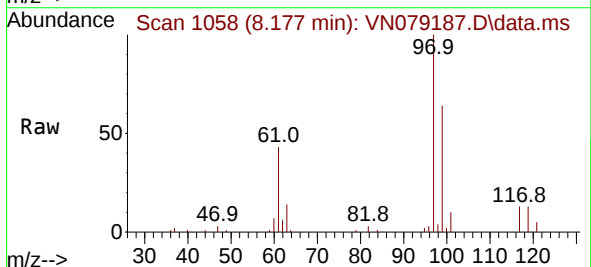
Tgt Ion: 77 Resp: 4260
Ion Ratio Lower Upper
77 100
97 23.6 17.8 26.8

Manual Integrations
APPROVED

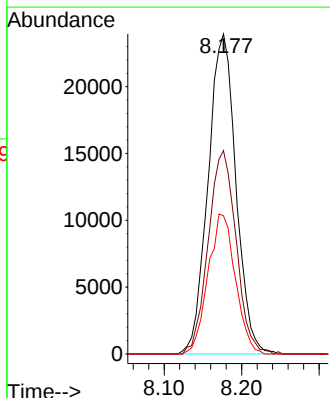
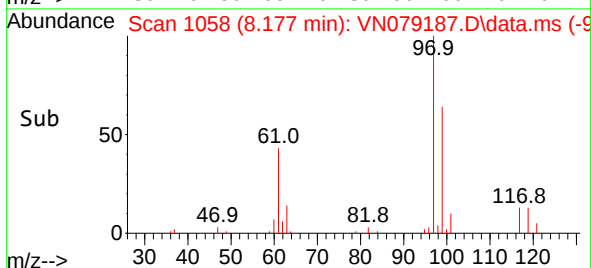
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

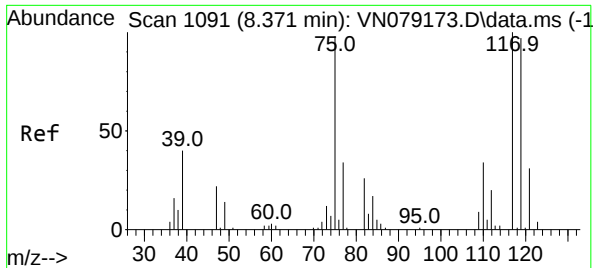


#32
1,1,1-Trichloroethane
Concen: 19.349 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



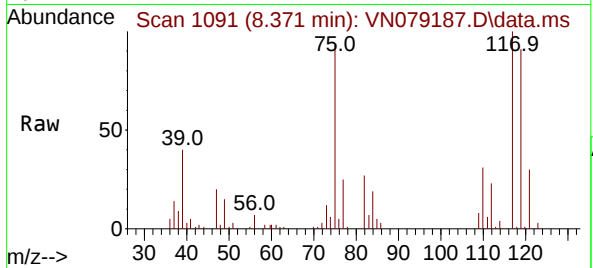
Tgt Ion: 97 Resp: 59849
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 42.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.609 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

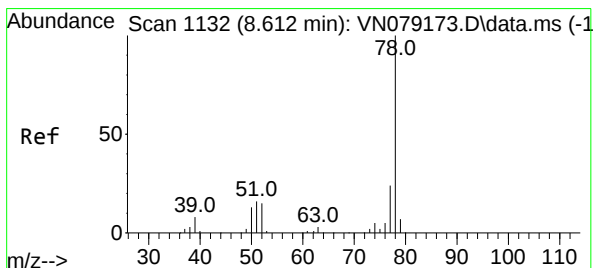
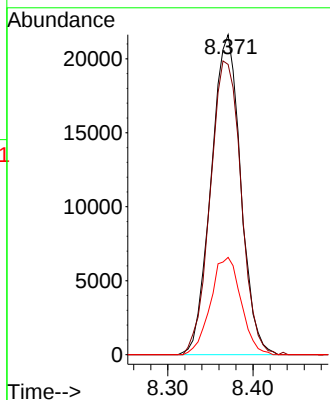
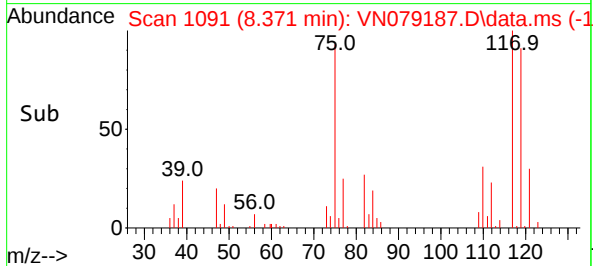
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 52100
Ion Ratio Lower Upper
117 100
119 90.7 77.9 116.9
121 30.4 25.1 37.7

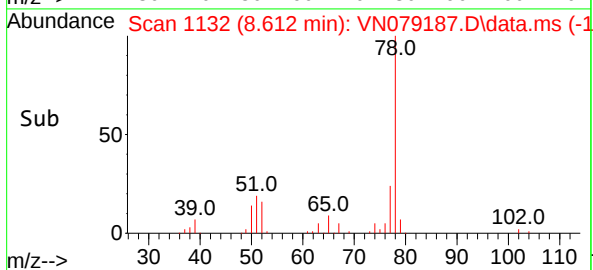
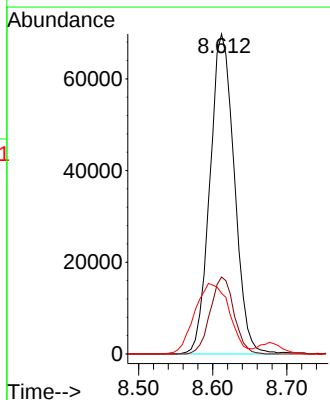
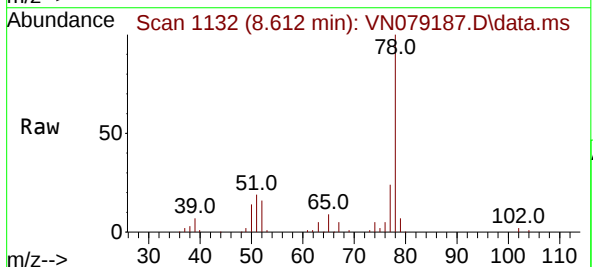
Manual Integrations
APPROVED

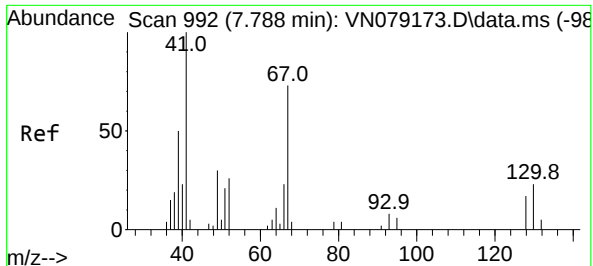
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
Benzene
Concen: 19.115 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion: 78 Resp: 159445
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 17.6 13.1 19.7





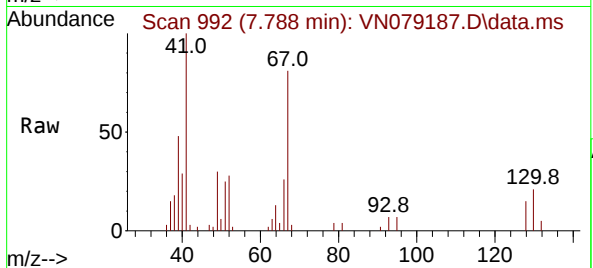
#35
Methacrylonitrile
Concen: 20.102 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



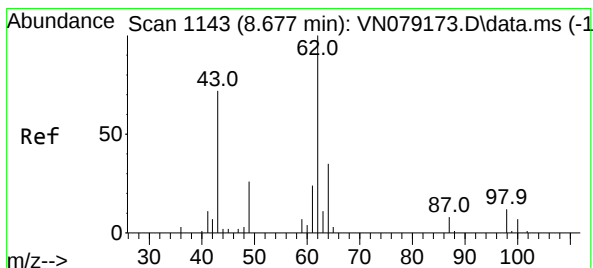
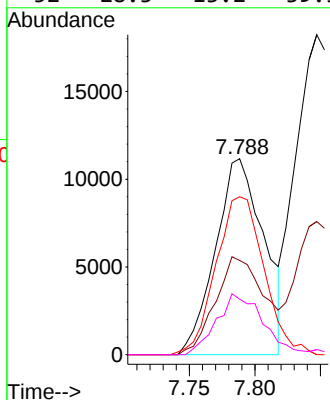
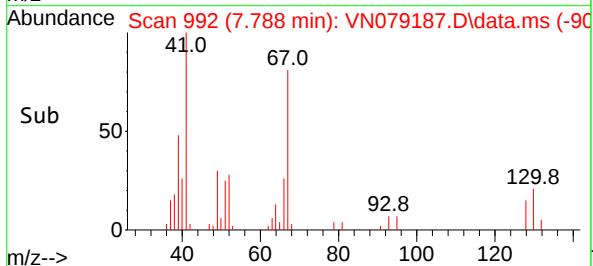
Tgt Ion: 41 Resp: 2858
Ion Ratio Lower Upper
41 100
39 48.1 24.9 74.6
67 79.2 36.7 110.1
52 28.3 13.2 39.5

Manual Integrations

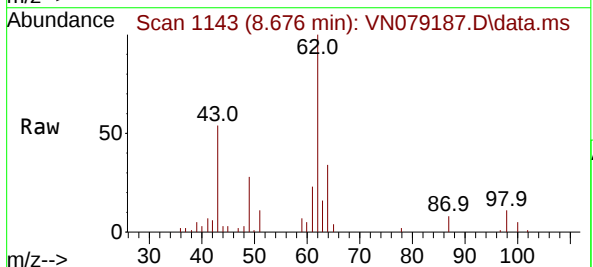
APPROVED

Reviewed By :John Carlone 09/08/2023

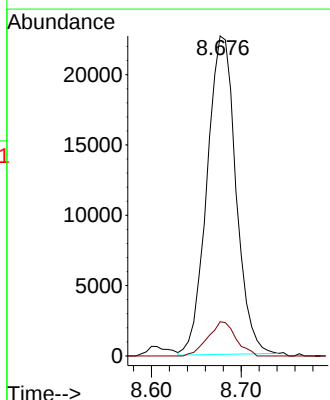
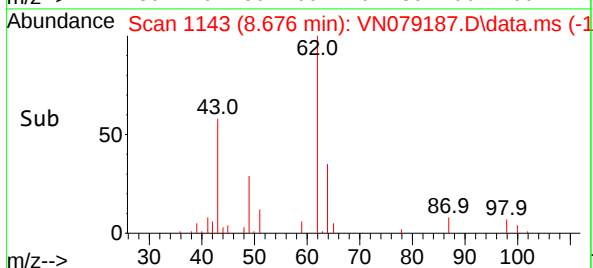
Supervised By :Mahesh Dadoda 09/08/2023

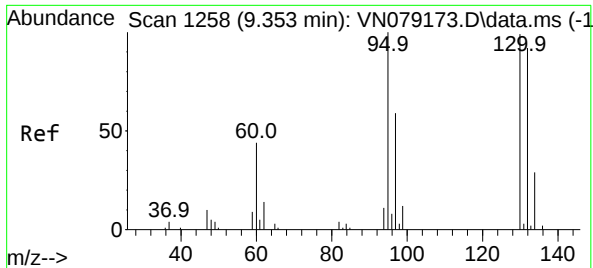


#36
1,2-Dichloroethane
Concen: 18.428 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



Tgt Ion: 62 Resp: 50694
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.2





#37

Trichloroethene

Concen: 18.879 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3722

Ion Ratio Lower Upper

130 100

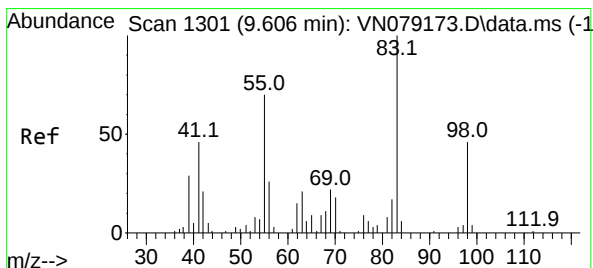
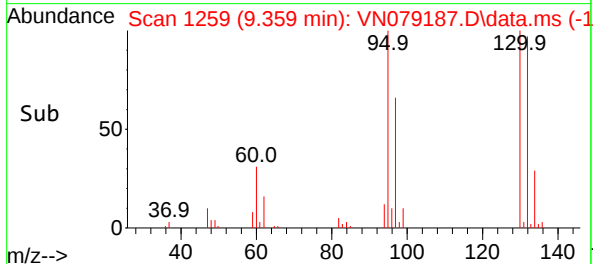
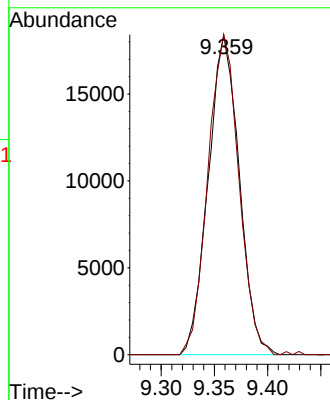
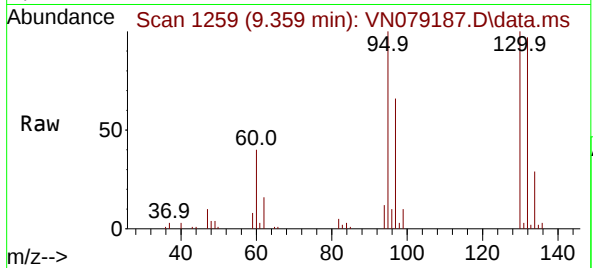
95 100.2 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Methylcyclohexane

Concen: 18.526 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

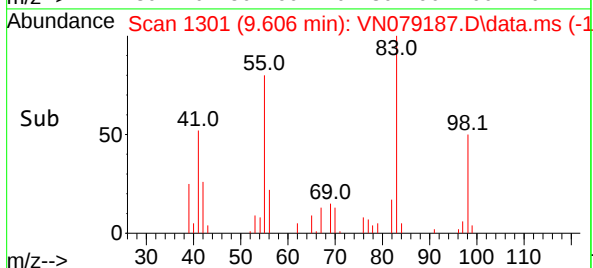
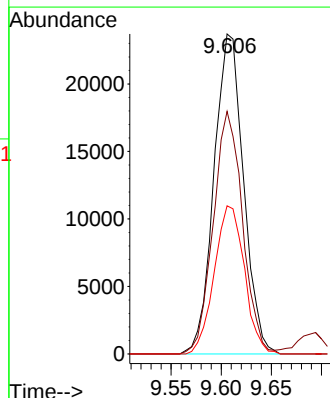
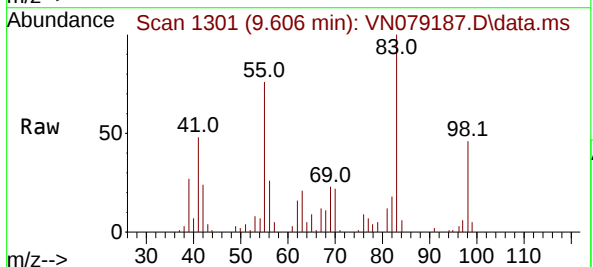
Tgt Ion: 83 Resp: 48623

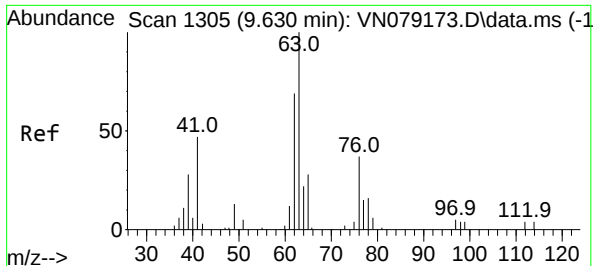
Ion Ratio Lower Upper

83 100

55 75.2 39.1 117.2

98 47.2 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.328 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4158

Ion Ratio Lower Upper

63 100

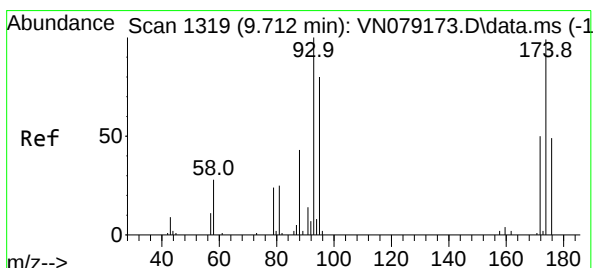
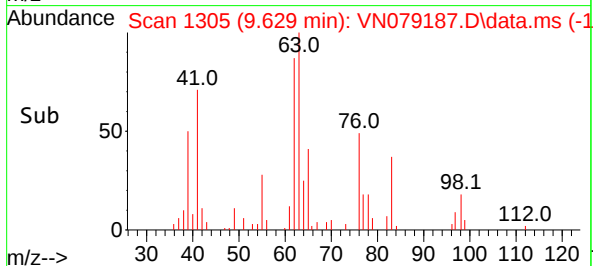
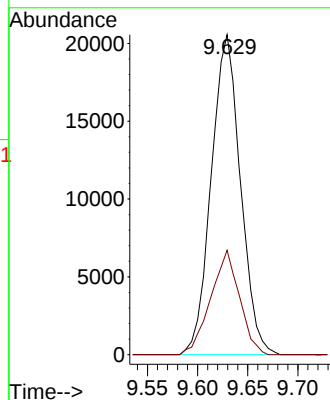
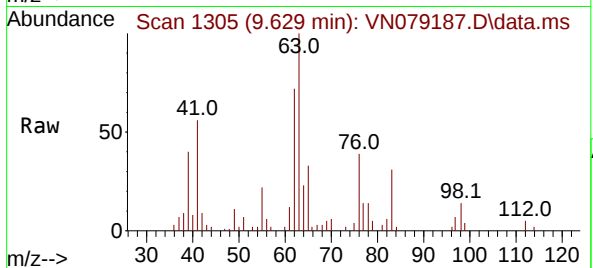
65 32.7 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Dibromomethane

Concen: 19.544 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

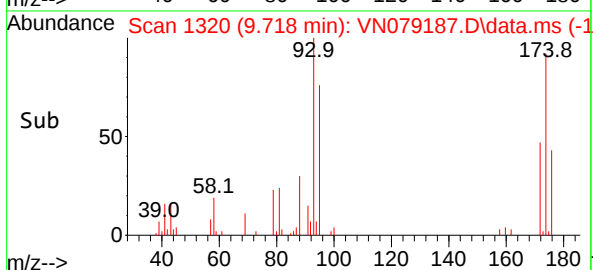
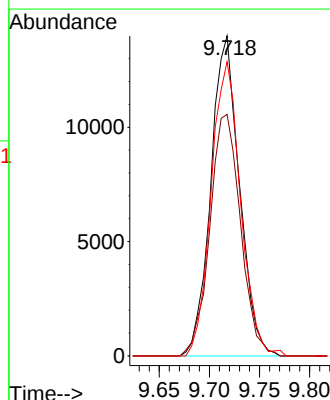
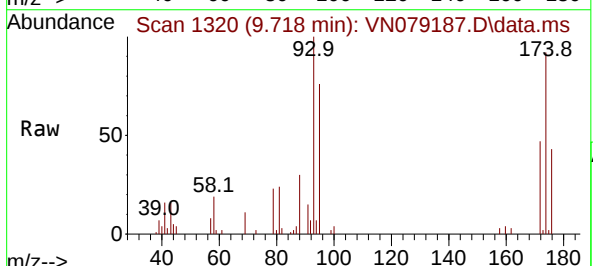
Tgt Ion: 93 Resp: 27732

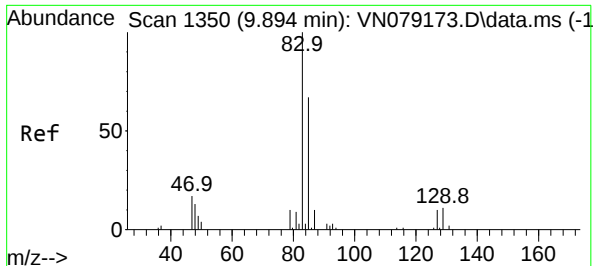
Ion Ratio Lower Upper

93 100

95 80.8 0.0 172.4

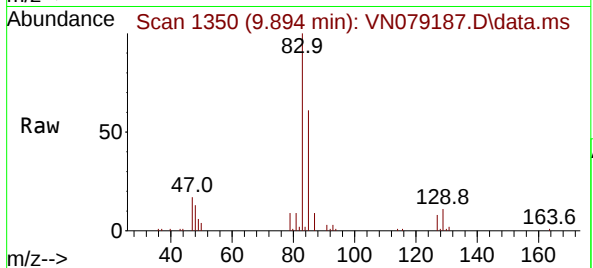
174 93.7 0.0 192.4





#41
Bromodichloromethane
Concen: 19.629 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

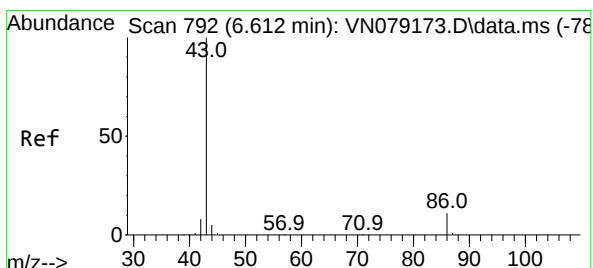
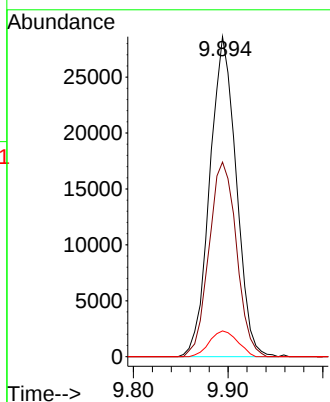
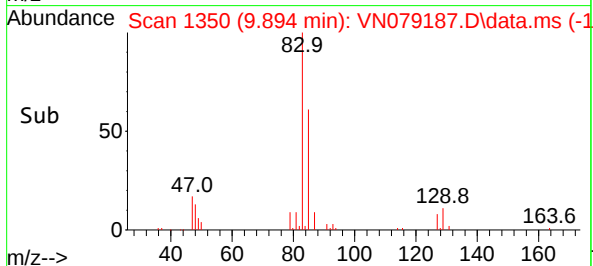
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 5552
Ion Ratio Lower Upper
83 100
85 60.8 53.4 80.2
127 8.1 8.3 12.5

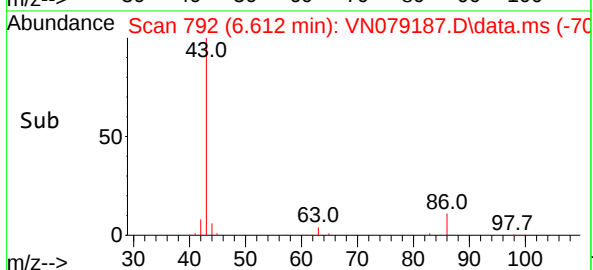
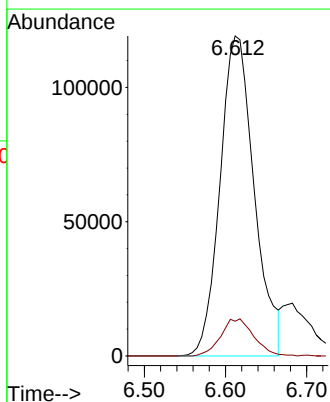
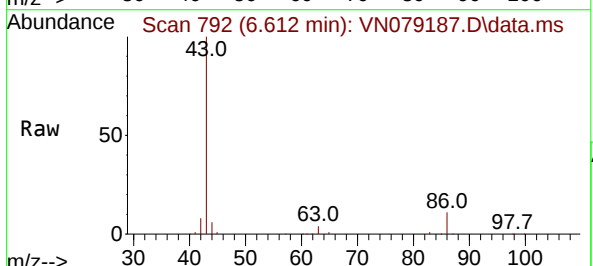
Manual Integrations
APPROVED

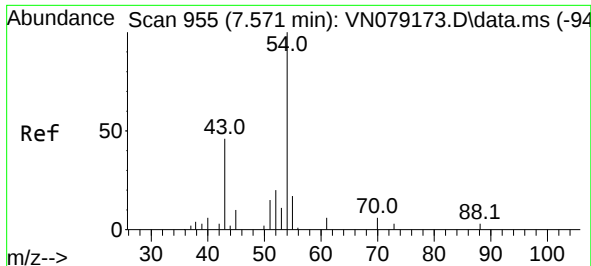
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
Vinyl Acetate
Concen: 111.464 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion: 43 Resp: 349560
Ion Ratio Lower Upper
43 100
86 11.2 9.2 13.8





#43

Ethyl Acetate

Concen: 21.531 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

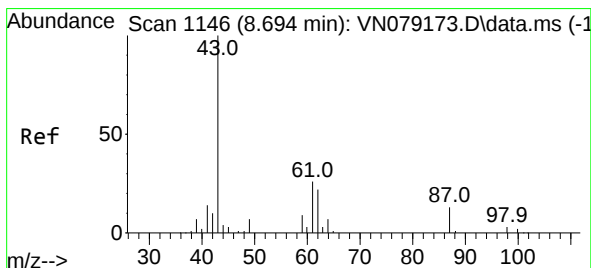
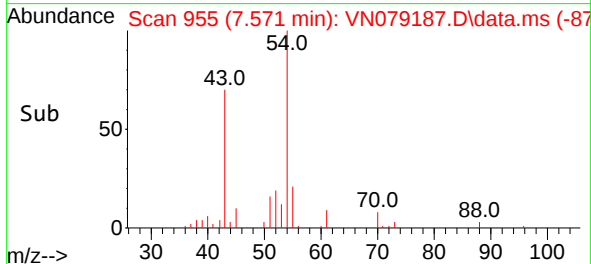
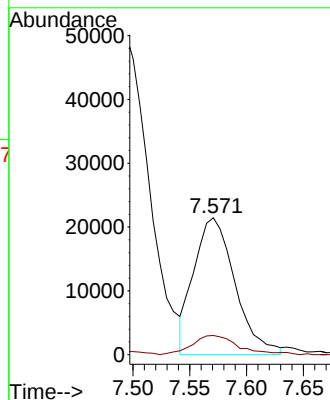
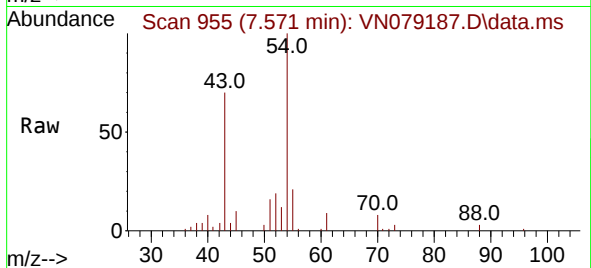
VSTDCCC020EC

Tgt Ion: 43 Resp: 53997
 Ion Ratio Lower Upper
 43 100
 45 15.2 11.1 16.7

Manual Integrations

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Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#44

Isopropyl Acetate

Concen: 19.848 ug/l

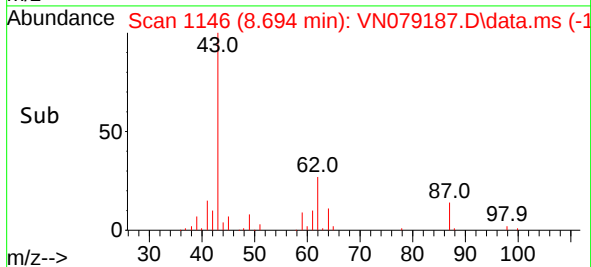
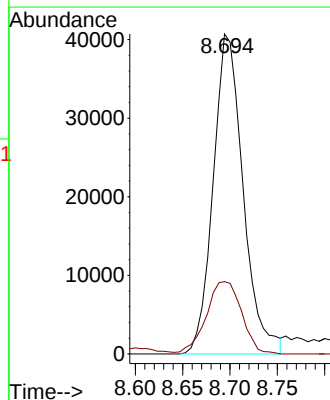
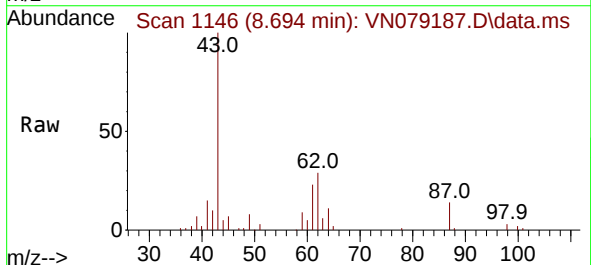
RT: 8.694 min Scan# 1146

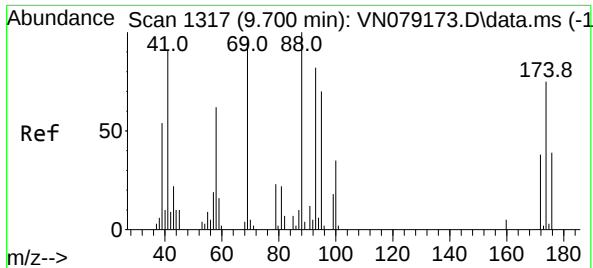
Delta R.T. 0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

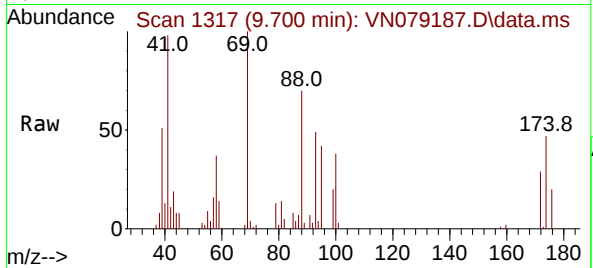
Tgt Ion: 43 Resp: 89542
 Ion Ratio Lower Upper
 43 100
 61 26.7 22.6 33.8





#45
1,4-Dioxane
Concen: 380.564 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

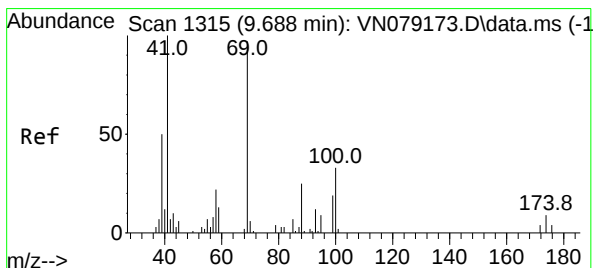
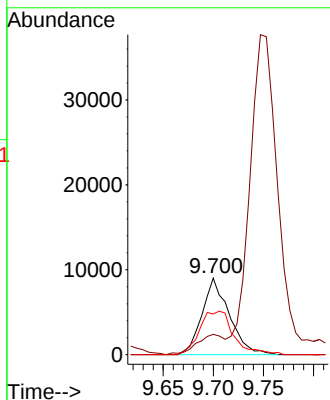
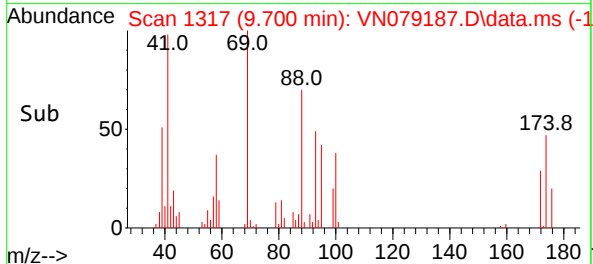
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



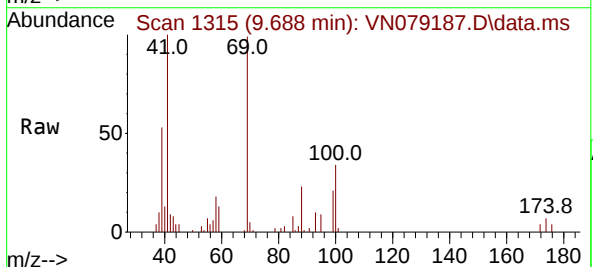
Tgt Ion: 88 Resp: 17090
Ion Ratio Lower Upper
88 100
43 26.5 19.9 29.9
58 34.0 58.0 87.0

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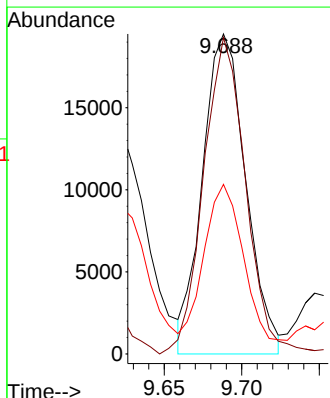
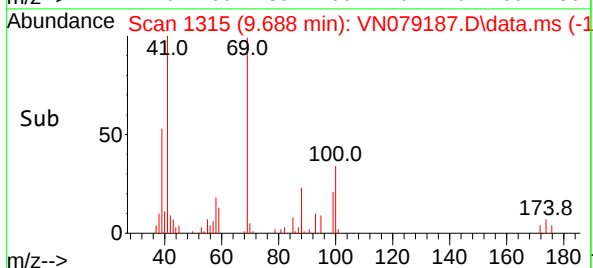
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

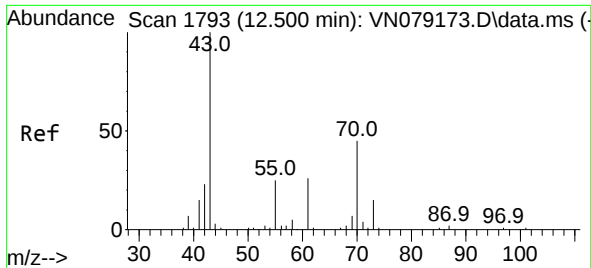


#46
Methyl methacrylate
Concen: 18.734 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



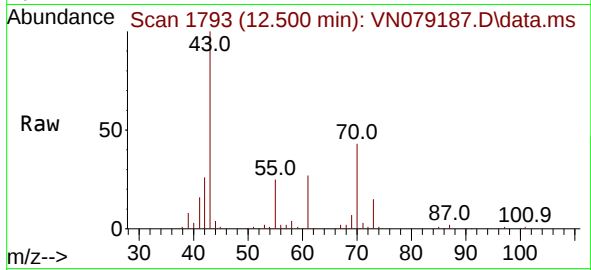
Tgt Ion: 41 Resp: 37761
Ion Ratio Lower Upper
41 100
69 100.8 48.1 144.3
39 51.6 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.055 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

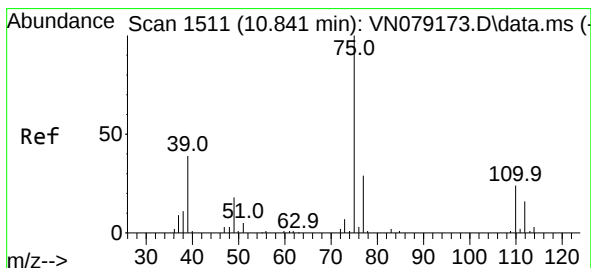
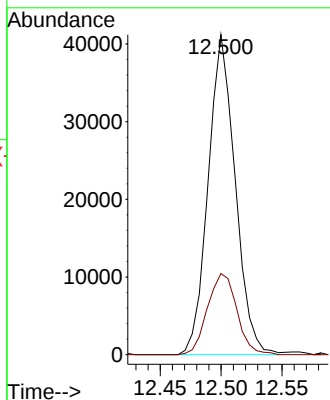
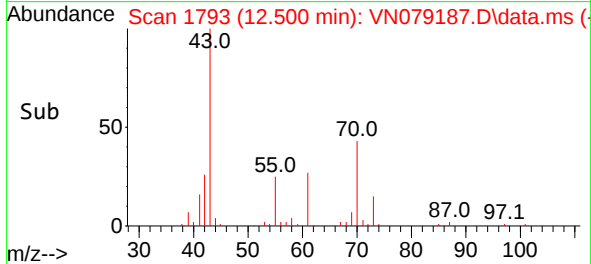
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



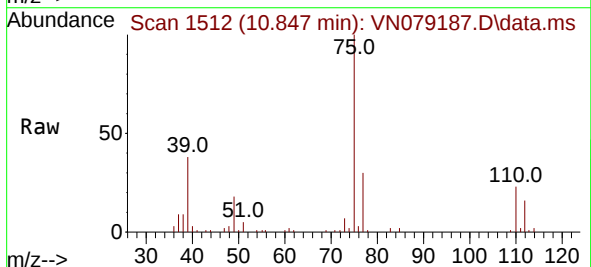
Tgt Ion: 43 Resp: 63632
Ion Ratio Lower Upper
43 100
55 27.5 20.5 30.7

Manual Integrations
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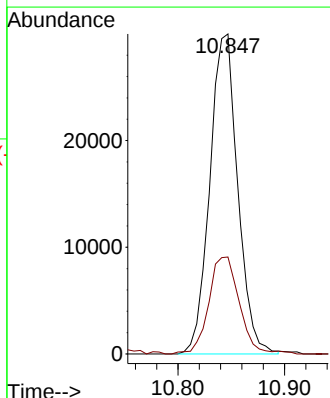
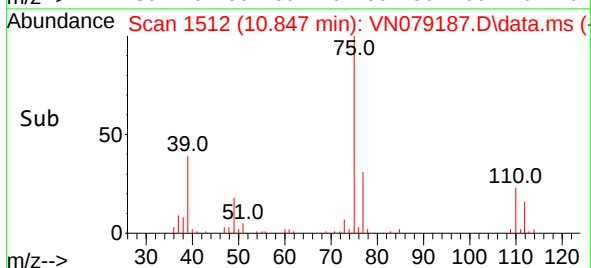
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

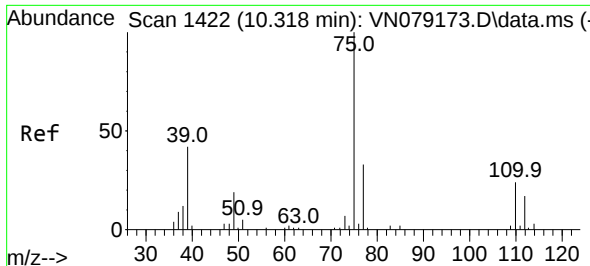


#48
t-1,3-Dichloropropene
Concen: 17.868 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



Tgt Ion: 75 Resp: 54678
Ion Ratio Lower Upper
75 100
77 29.7 22.9 34.3





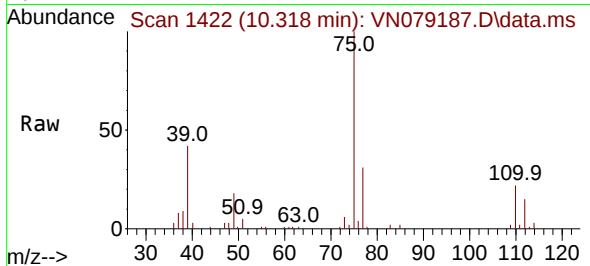
#49
cis-1,3-Dichloropropene
Concen: 19.115 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

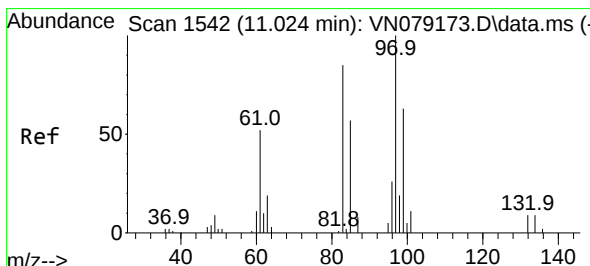
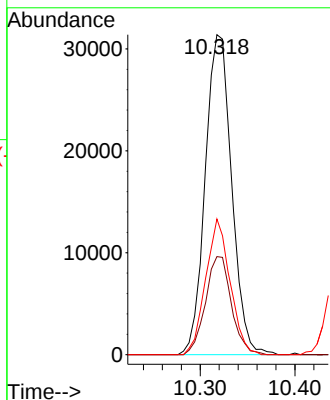
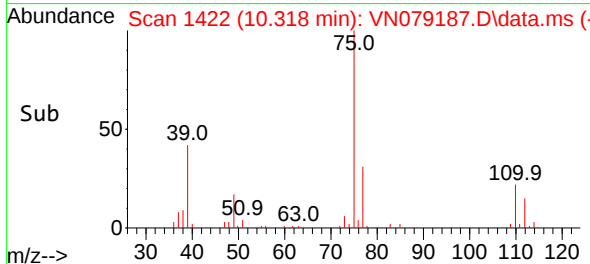


Tgt Ion: 75 Resp: 6101
Ion Ratio Lower Upper
75 100
77 30.6 26.2 39.2
39 42.4 33.8 50.8

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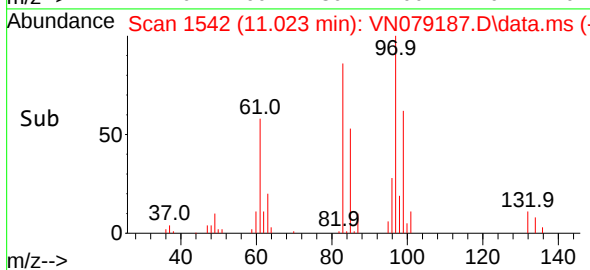
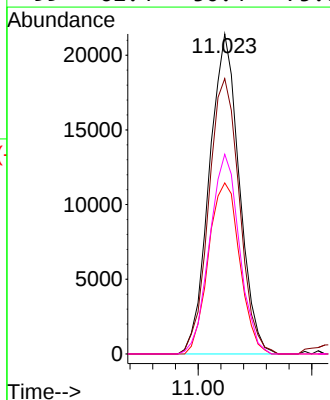
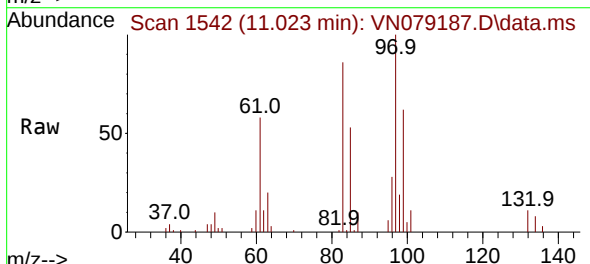
APPROVED

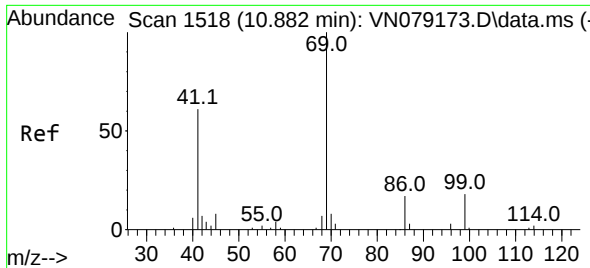
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
1,1,2-Trichloroethane
Concen: 19.693 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

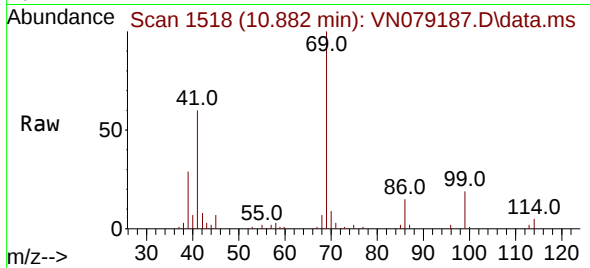
Tgt Ion: 97 Resp: 39201
Ion Ratio Lower Upper
97 100
83 86.1 68.9 103.3
85 53.4 45.3 67.9
99 62.4 50.4 75.6





#51
Ethyl methacrylate
Concen: 18.889 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

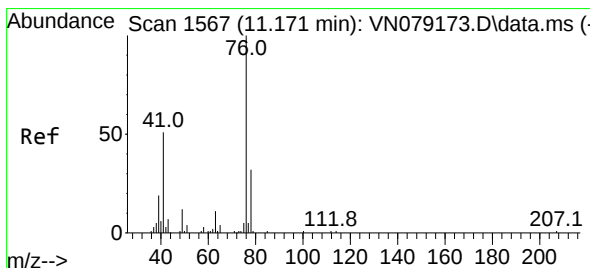
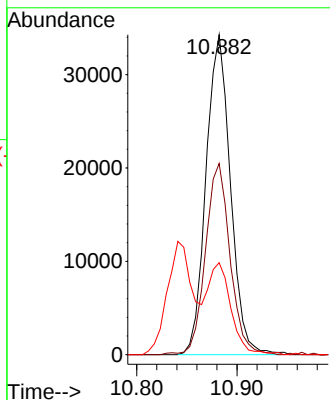
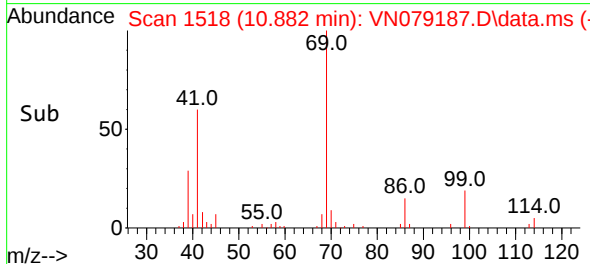
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



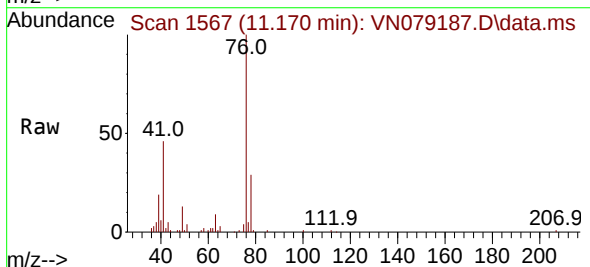
Tgt Ion: 69 Resp: 58069
Ion Ratio Lower Upper
69 100
41 59.7 30.3 90.9
39 28.1 13.4 40.1

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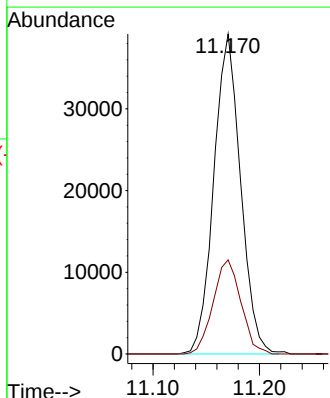
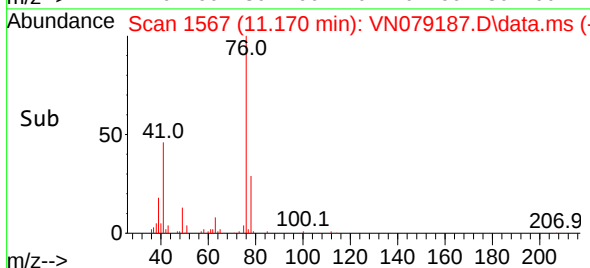
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

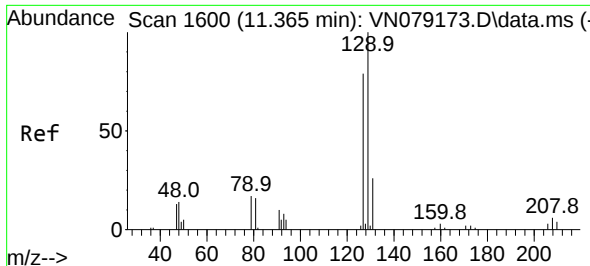


#52
1,3-Dichloropropane
Concen: 20.088 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



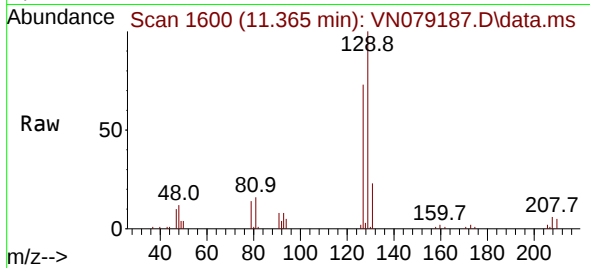
Tgt Ion: 76 Resp: 68268
Ion Ratio Lower Upper
76 100
78 30.5 0.0 64.2





#53
Dibromochloromethane
Concen: 19.603 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

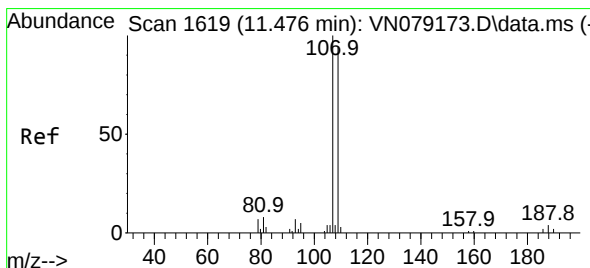
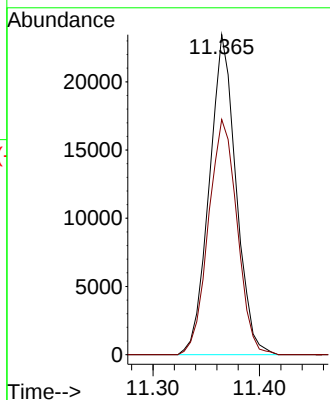
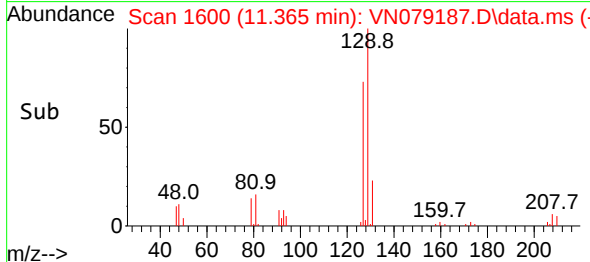
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



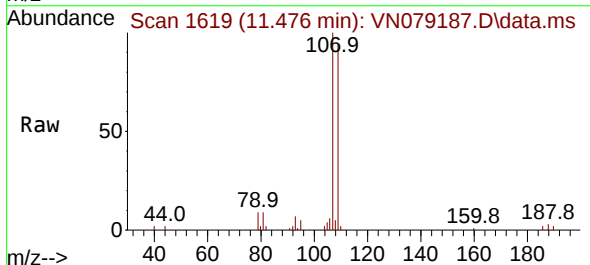
Tgt Ion:129 Resp: 40928
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

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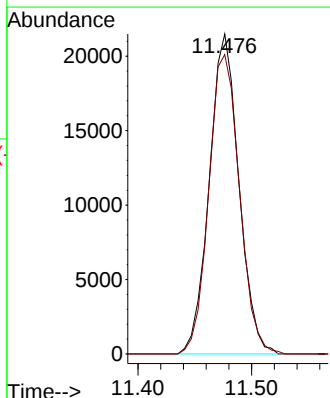
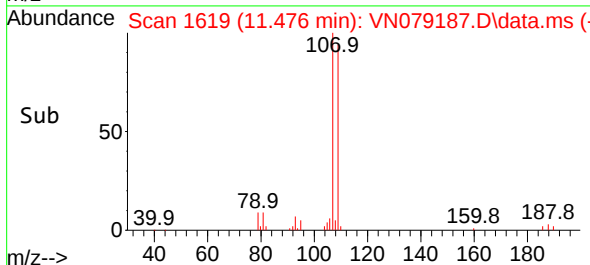
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

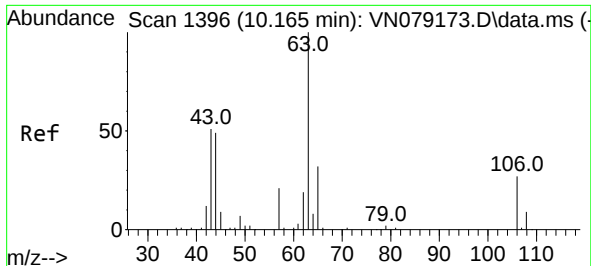


#54
1,2-Dibromoethane
Concen: 19.192 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



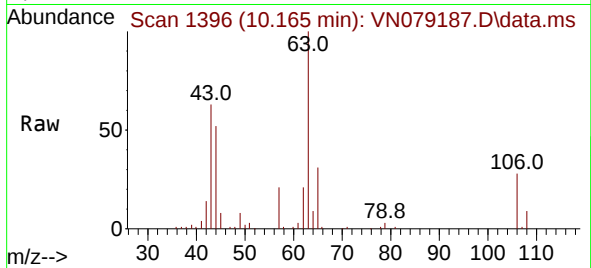
Tgt Ion:107 Resp: 38795
Ion Ratio Lower Upper
107 100
109 97.3 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 73.464 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

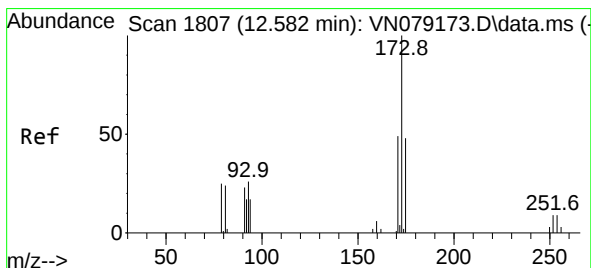
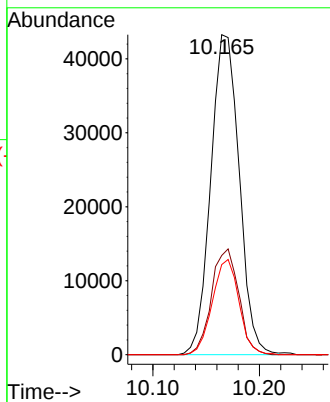
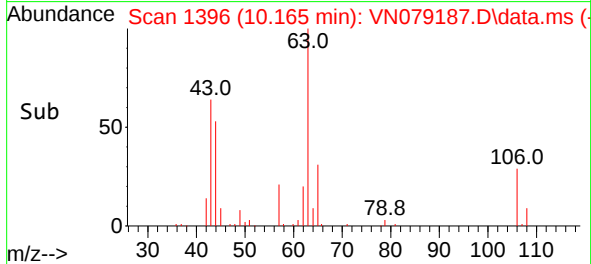
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 80248
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 27.9 21.9 32.9

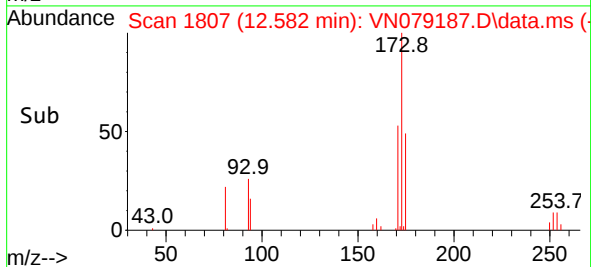
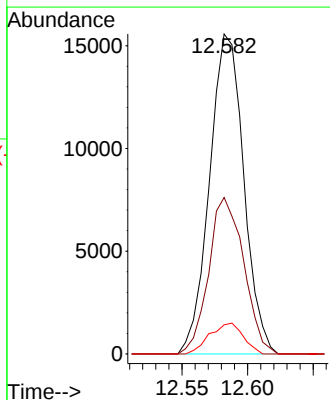
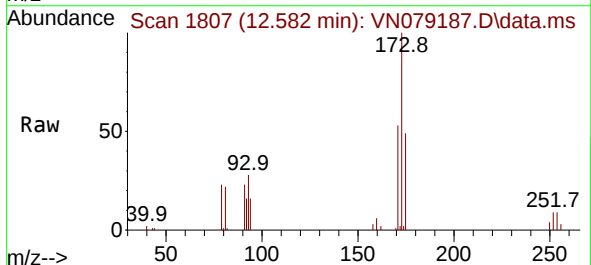
Manual Integrations
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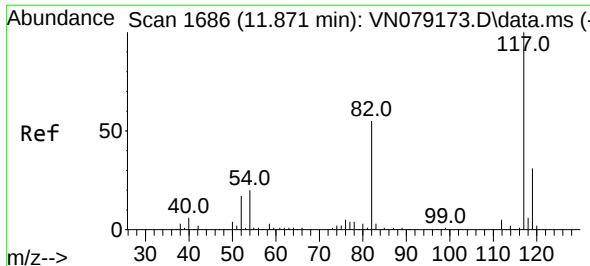
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Bromoform
Concen: 19.417 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion:173 Resp: 28248
Ion Ratio Lower Upper
173 100
175 50.1 37.6 56.4
254 9.4 7.8 11.8





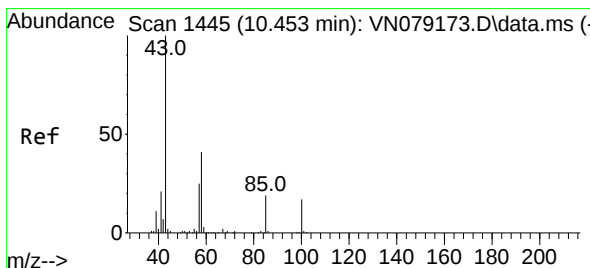
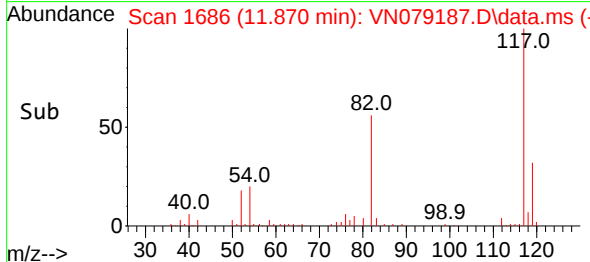
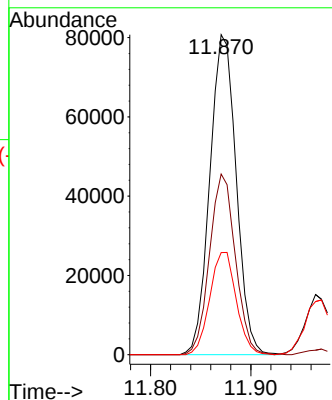
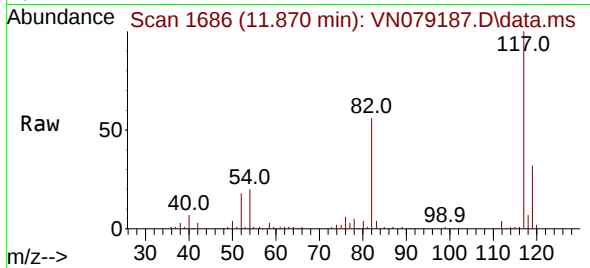
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 147685
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.1 24.9 37.3

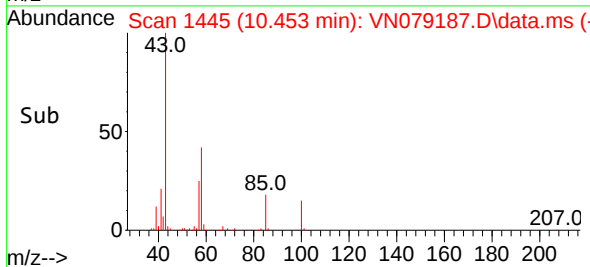
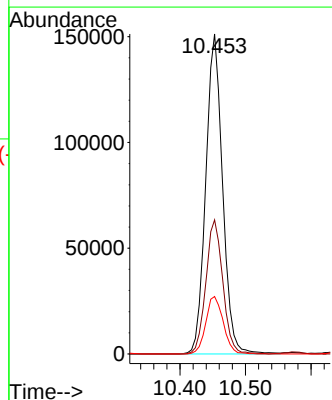
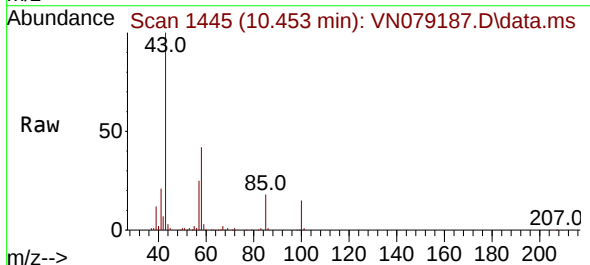
Manual Integrations
APPROVED

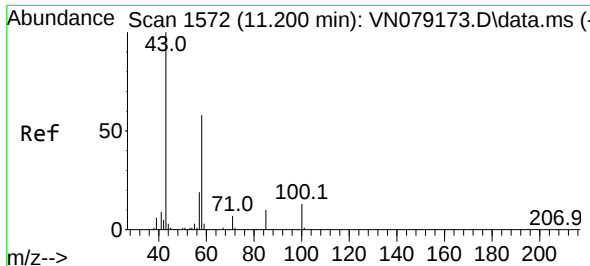
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#58
4-Methyl-2-Pentanone
Concen: 99.799 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

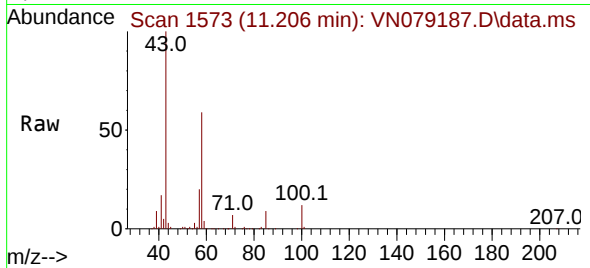
Tgt Ion: 43 Resp: 270467
Ion Ratio Lower Upper
43 100
58 42.2 33.6 50.4
85 18.6 15.0 22.4





#59
2-Hexanone
Concen: 102.281 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

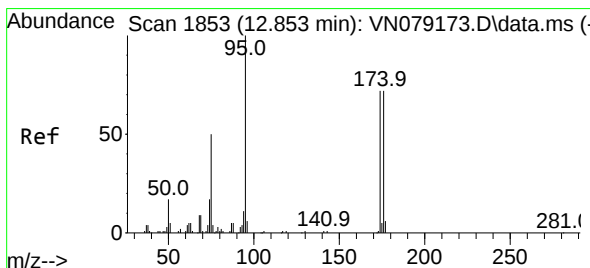
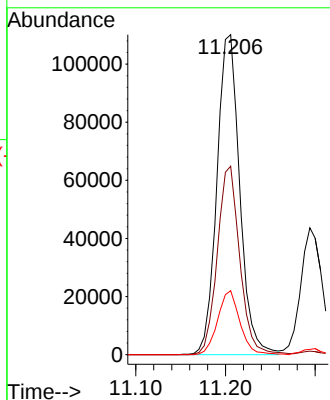
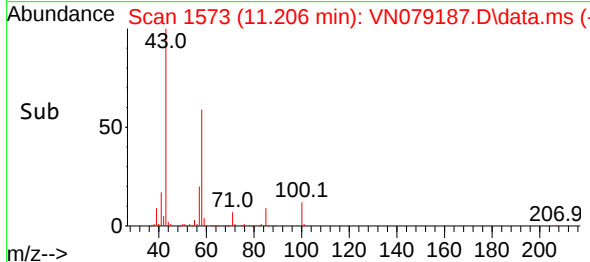
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 194669
Ion Ratio Lower Upper
43 100
58 57.9 46.4 69.6
57 19.5 15.3 22.9

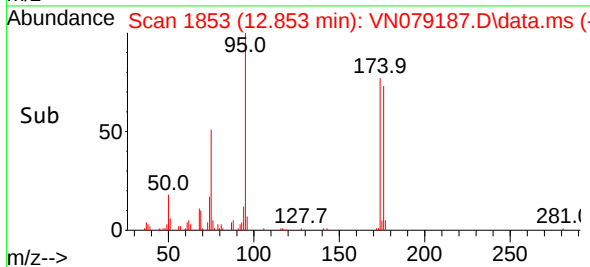
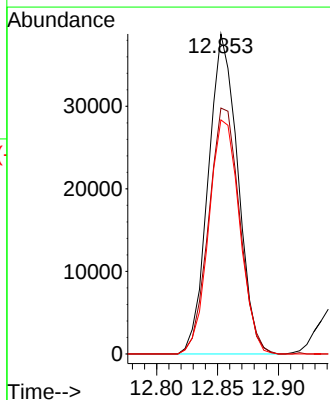
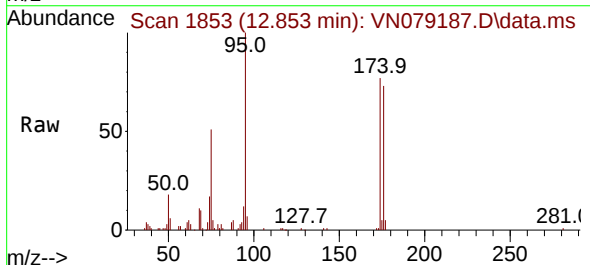
Manual Integrations
APPROVED

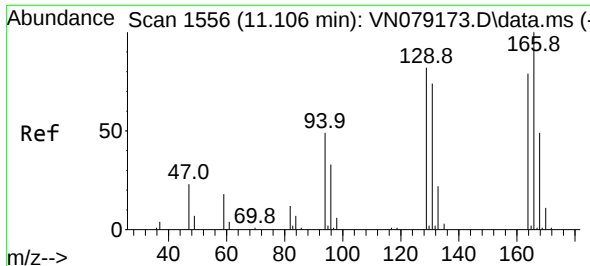
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
4-Bromofluorobenzene
Concen: 30.112 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

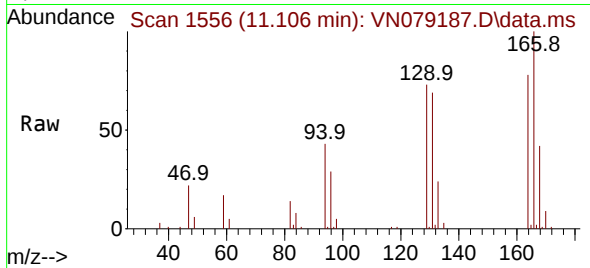
Tgt Ion: 95 Resp: 65526
Ion Ratio Lower Upper
95 100
174 80.7 59.5 89.3
176 76.3 59.1 88.7





#61
Tetrachloroethene
Concen: 19.408 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

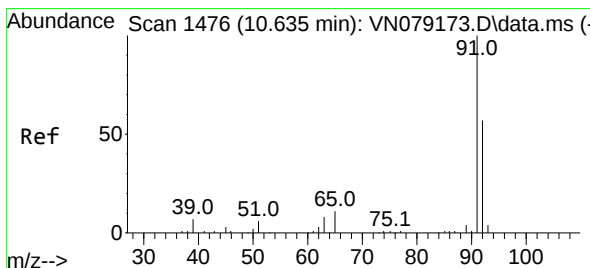
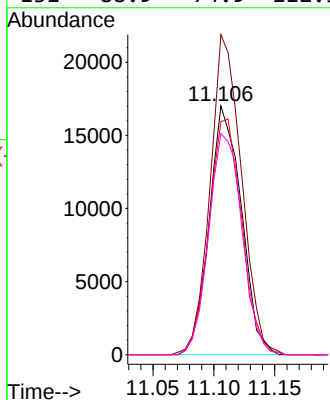
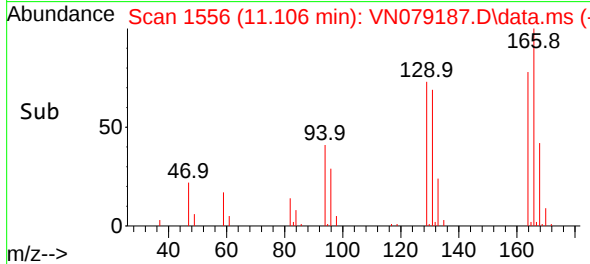
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



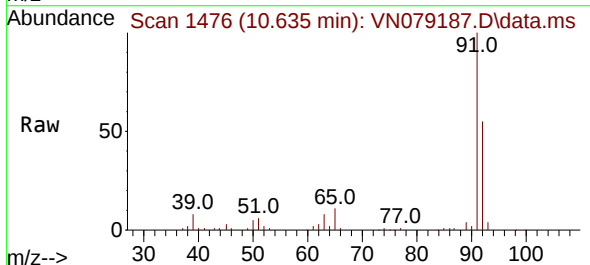
Tgt Ion:164 Resp: 3118
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 93.7 83.4 125.0
131 88.9 74.9 112.3

Manual Integrations
APPROVED

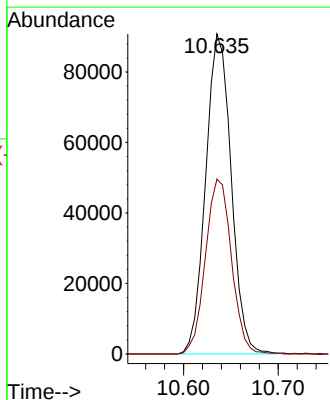
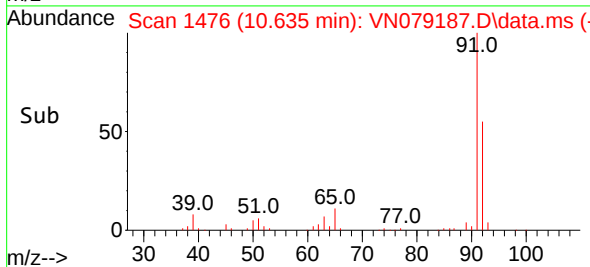
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

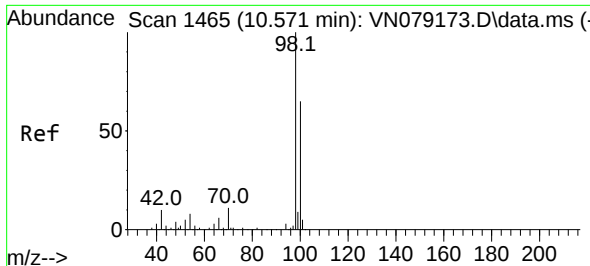


#62
Toluene
Concen: 19.773 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



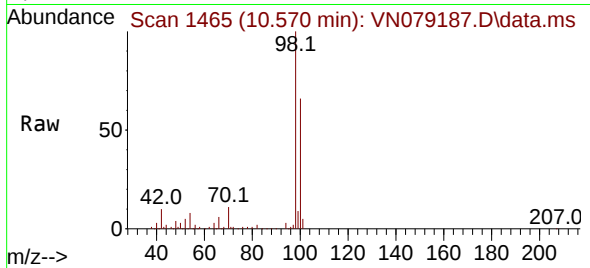
Tgt Ion: 91 Resp: 170026
Ion Ratio Lower Upper
91 100
92 55.6 45.7 68.5





#63
Toluene-d8
Concen: 30.386 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

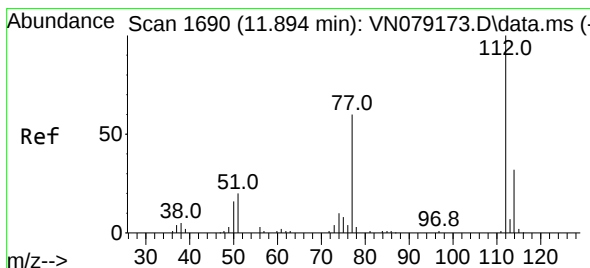
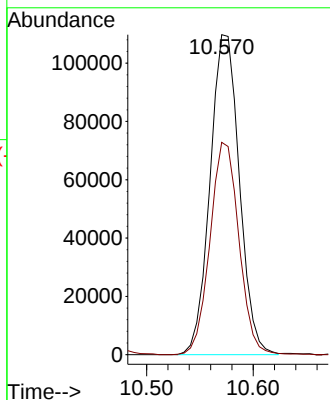
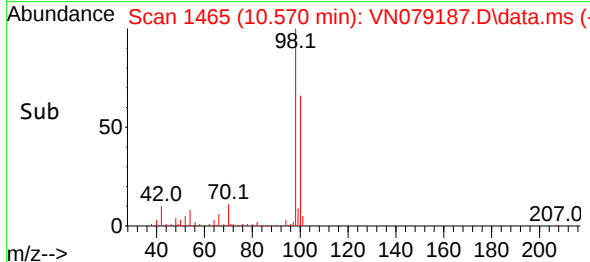
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 209719
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

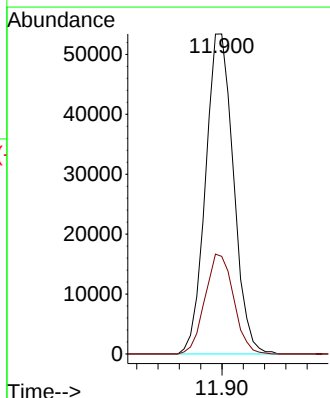
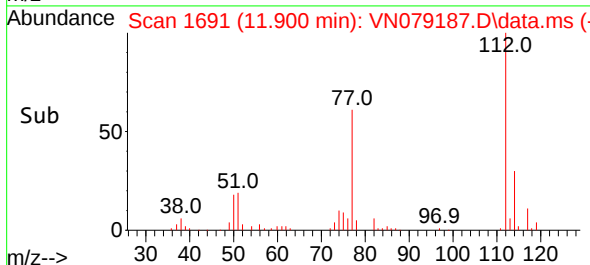
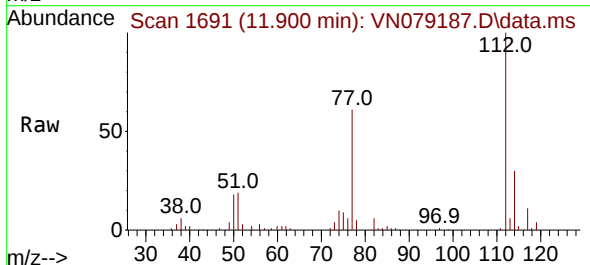
Manual Integrations
APPROVED

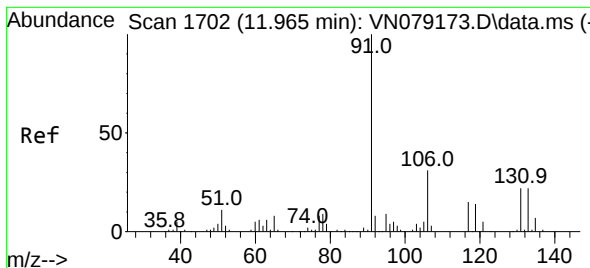
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Chlorobenzene
Concen: 19.427 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion:112 Resp: 97456
Ion Ratio Lower Upper
112 100
114 30.5 25.6 38.4





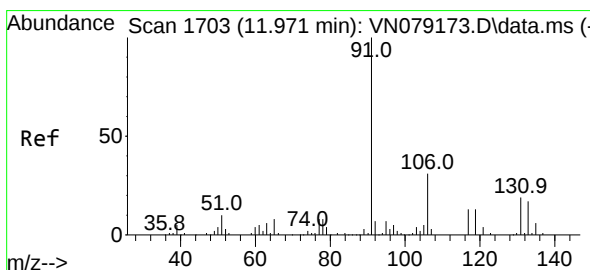
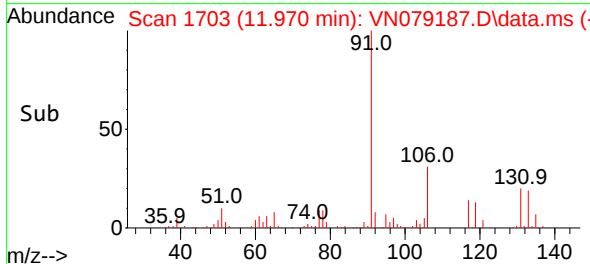
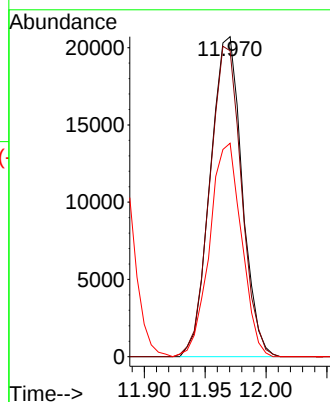
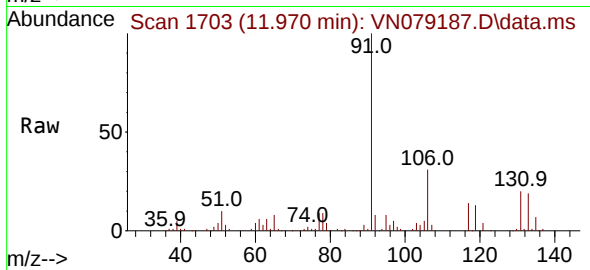
#65
1,1,1,2-Tetrachloroethane
Concen: 19.614 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 37669
Ion Ratio Lower Upper
131 100
133 96.8 0.0 193.0
119 66.8 0.0 131.2

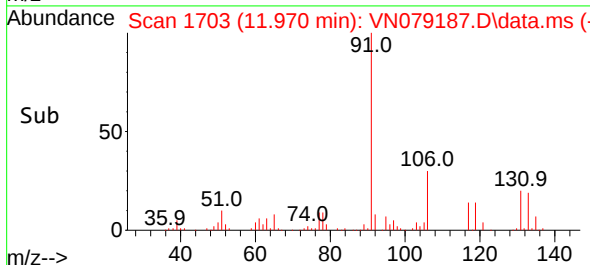
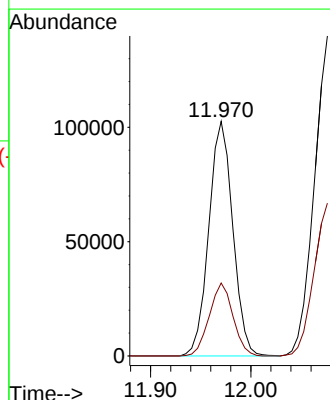
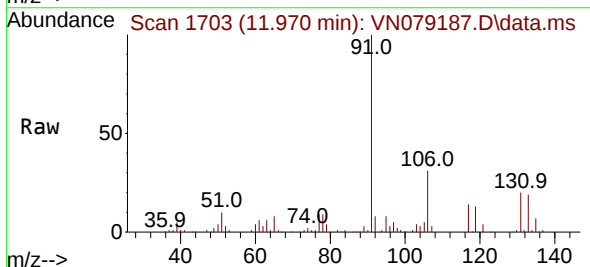
Manual Integrations
APPROVED

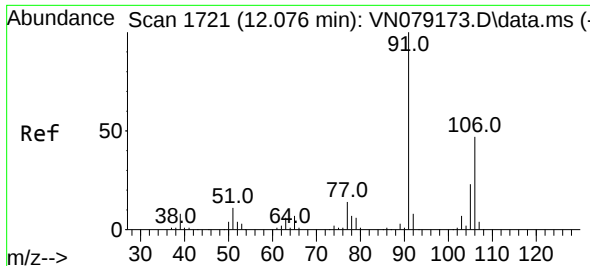
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
Ethyl Benzene
Concen: 19.728 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion: 91 Resp: 170807
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6





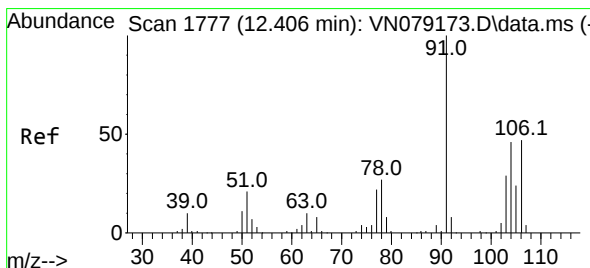
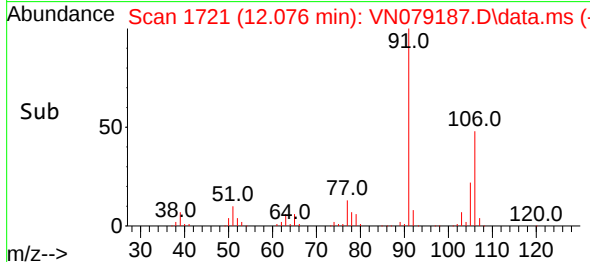
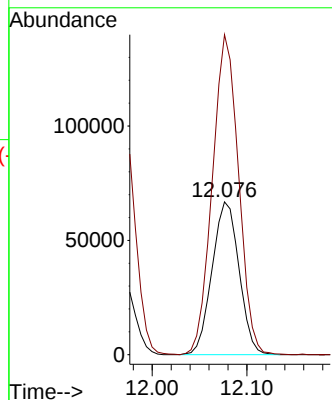
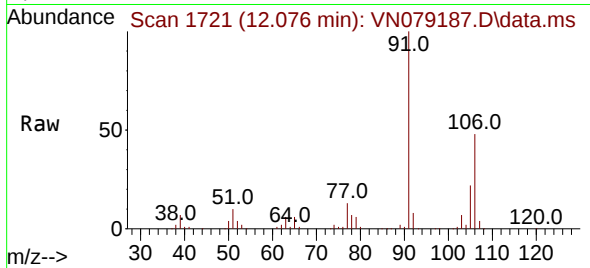
#67
m/p-Xylenes
Concen: 40.594 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 13224
Ion Ratio Lower Upper
106 100
91 203.7 165.2 247.8

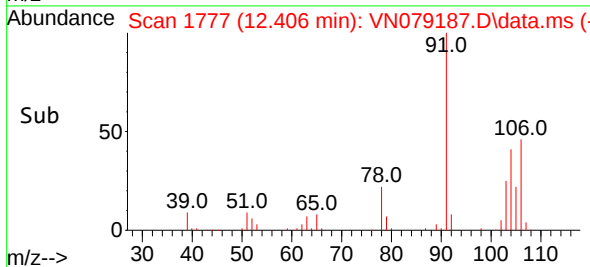
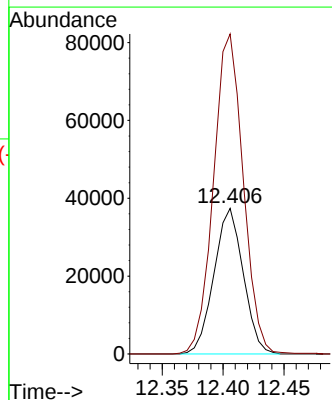
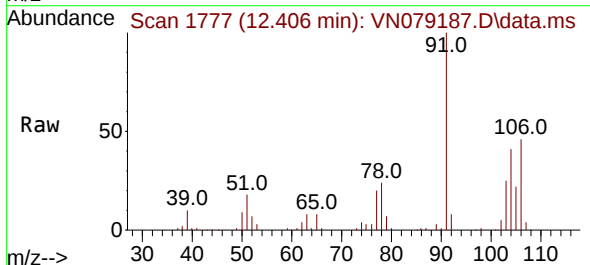
Manual Integrations
APPROVED

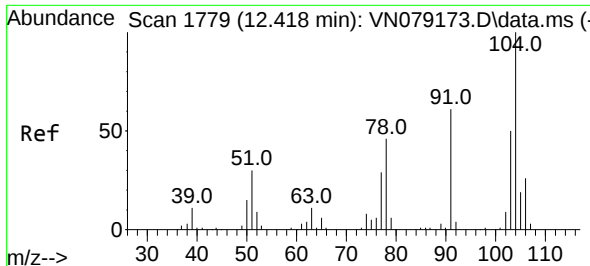
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
o-Xylene
Concen: 19.928 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

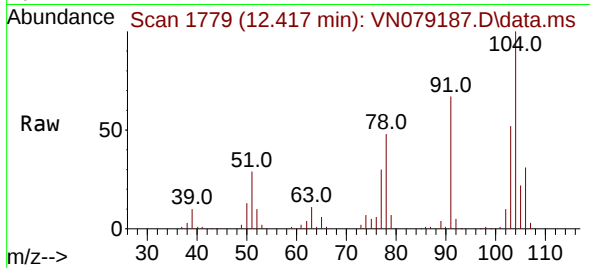
Tgt Ion:106 Resp: 62609
Ion Ratio Lower Upper
106 100
91 222.8 109.7 329.1





#69
Styrene
Concen: 20.685 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

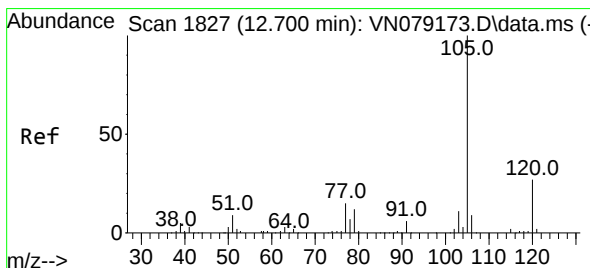
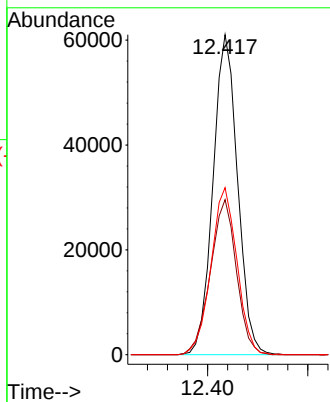
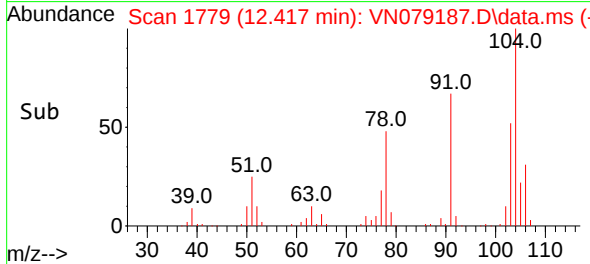
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



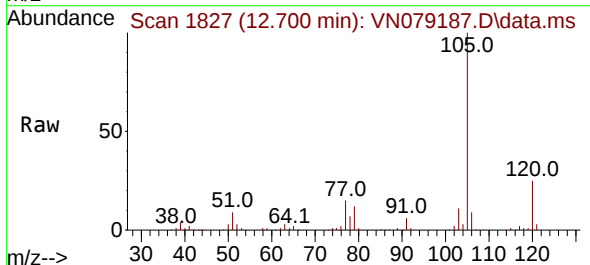
Tgt Ion:104 Resp: 103658
Ion Ratio Lower Upper
104 100
78 51.5 40.5 60.7
103 55.4 43.3 64.9

Manual Integrations
APPROVED

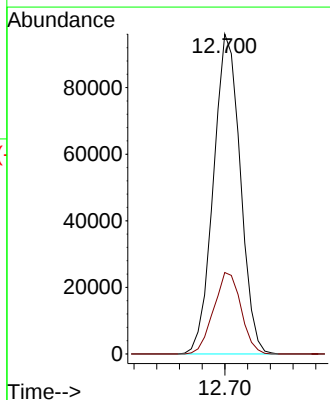
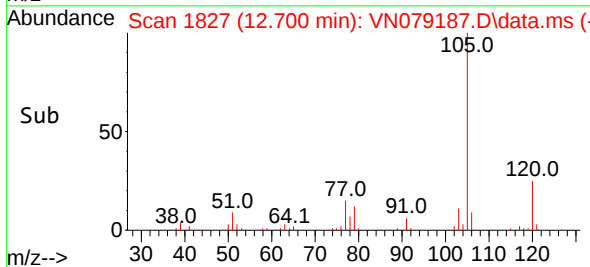
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

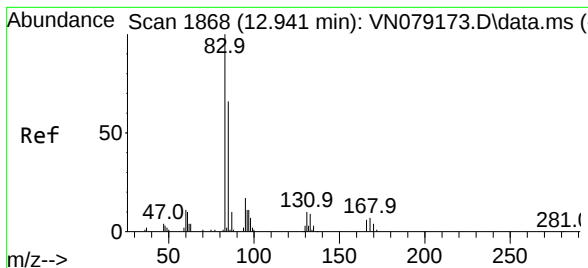


#70
Isopropylbenzene
Concen: 19.748 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



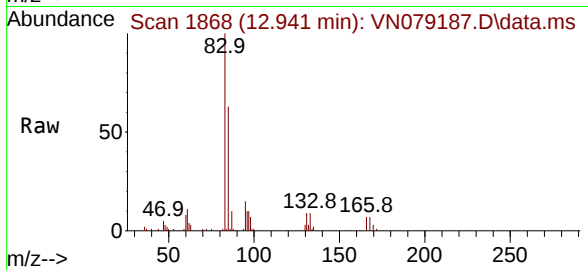
Tgt Ion:105 Resp: 157707
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

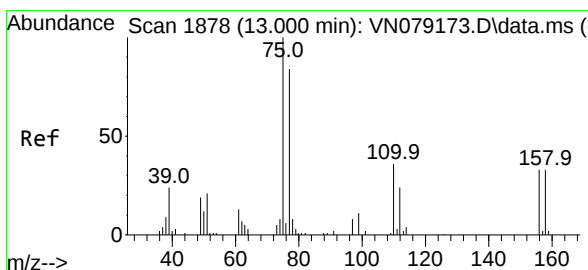
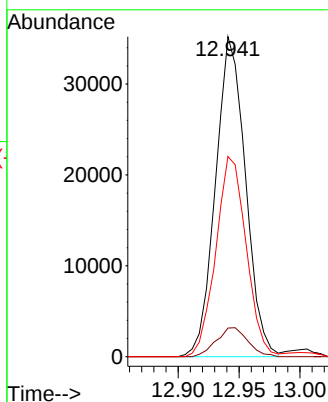
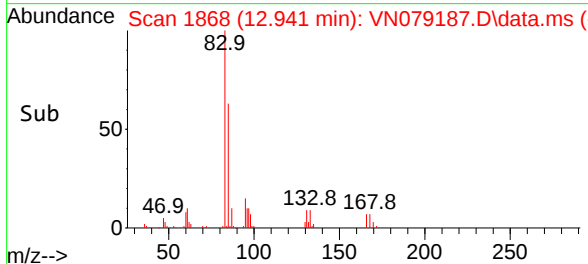
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



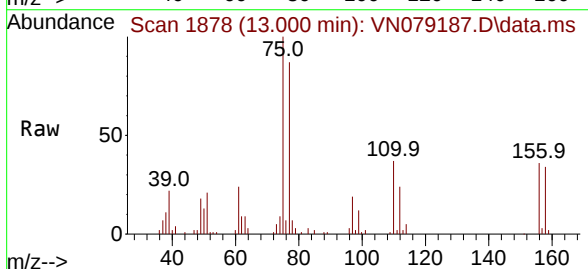
Tgt Ion: 83 Resp: 60312
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 63.3 33.1 99.3

Manual Integrations
APPROVED

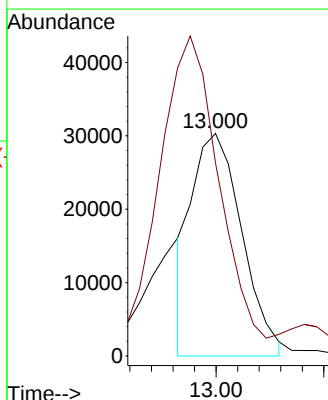
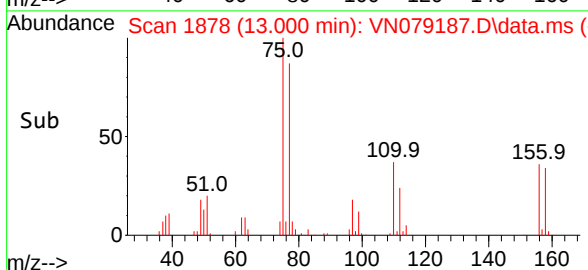
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

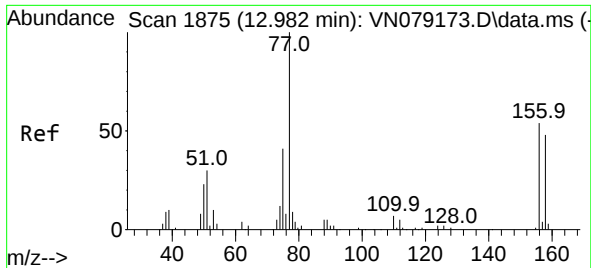


#72
1,2,3-Trichloropropane
Concen: 19.511 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



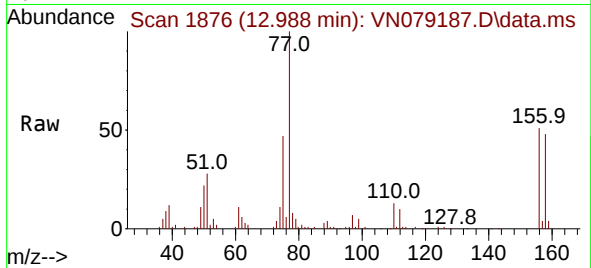
Tgt Ion: 75 Resp: 49043
Ion Ratio Lower Upper
75 100
77 175.6 0.0 252.2





#73
Bromobenzene
Concen: 19.309 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

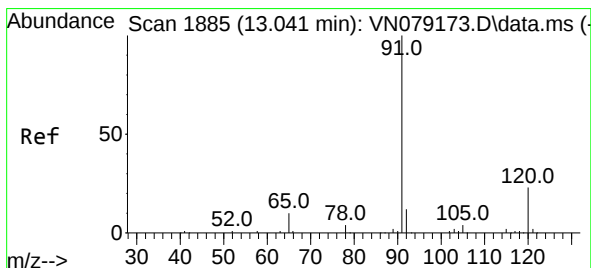
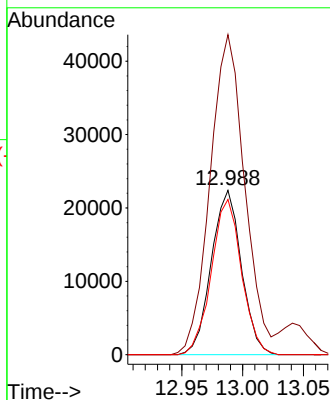
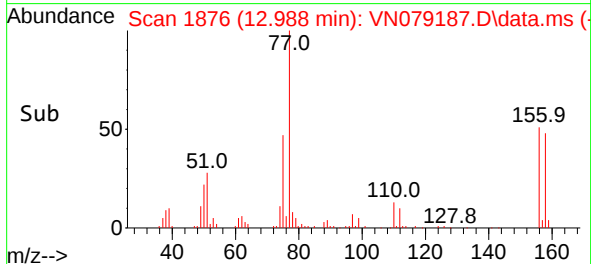
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 38519
Ion Ratio Lower Upper
156 100
77 223.6 0.0 446.6
158 94.8 0.0 188.6

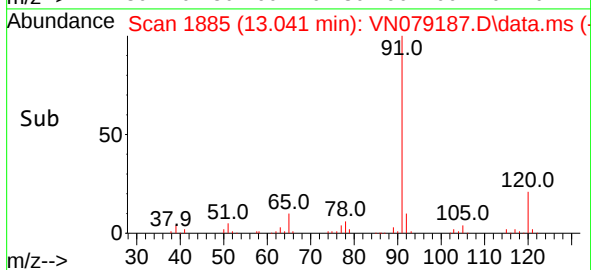
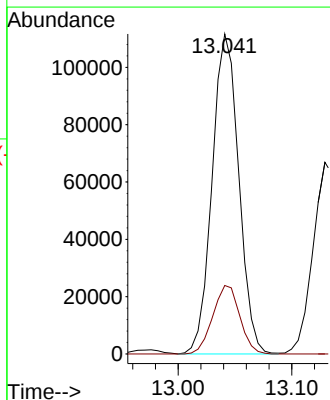
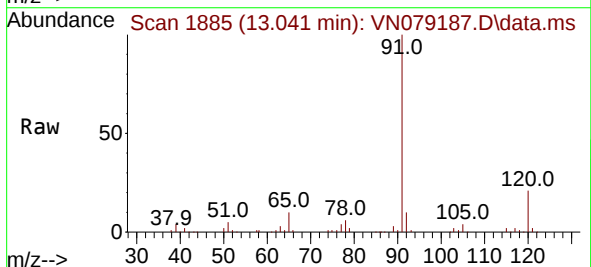
Manual Integrations
APPROVED

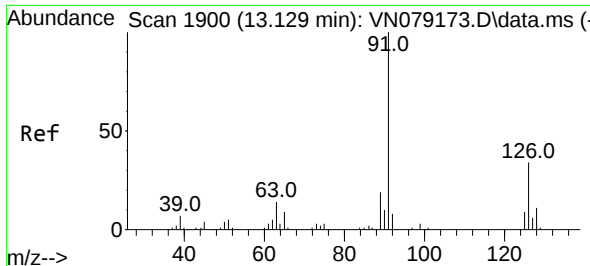
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#74
n-propylbenzene
Concen: 20.015 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

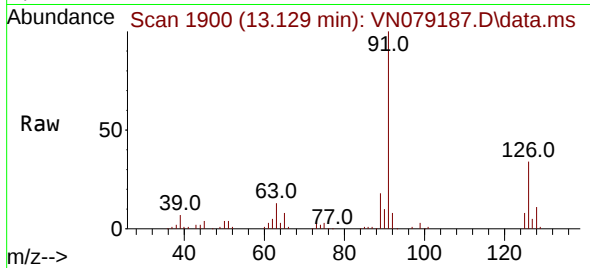
Tgt Ion: 91 Resp: 182115
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0





#75
2-Chlorotoluene
Concen: 20.041 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

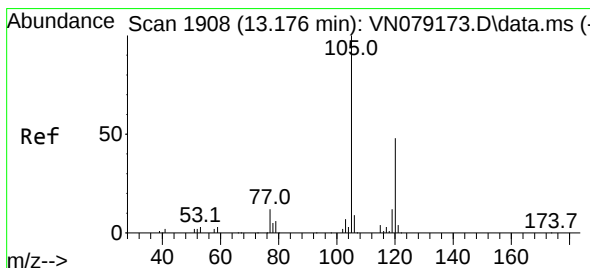
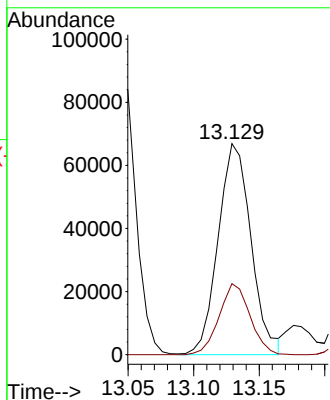
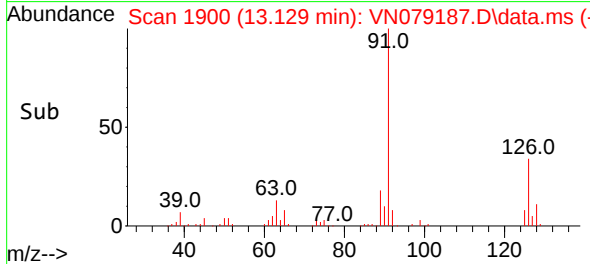
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



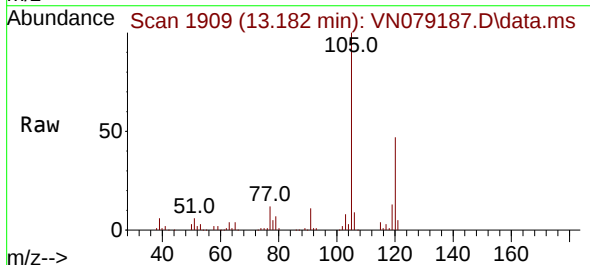
Tgt Ion: 91 Resp: 11693
Ion Ratio Lower Upper
91 100
126 31.4 0.0 65.4

Manual Integrations
APPROVED

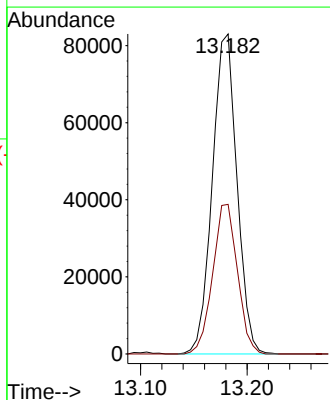
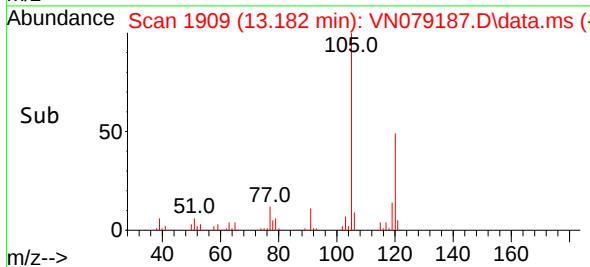
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

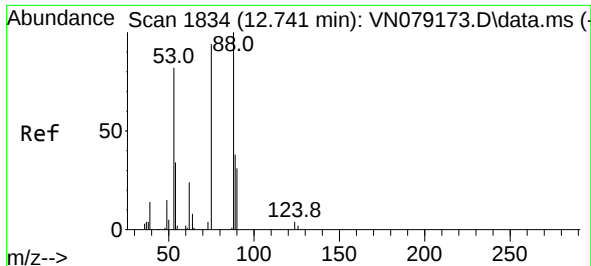


#76
1,3,5-Trimethylbenzene
Concen: 20.173 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



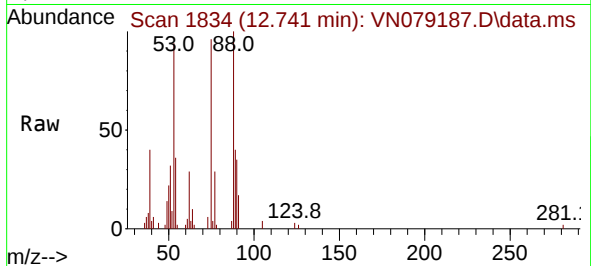
Tgt Ion:105 Resp: 133207
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.554 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

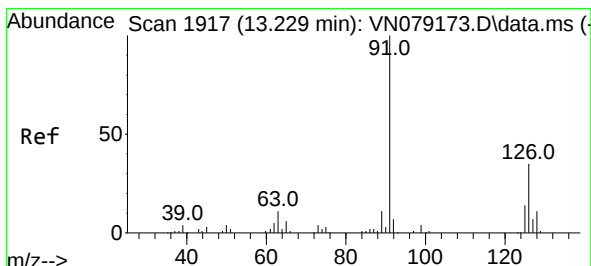
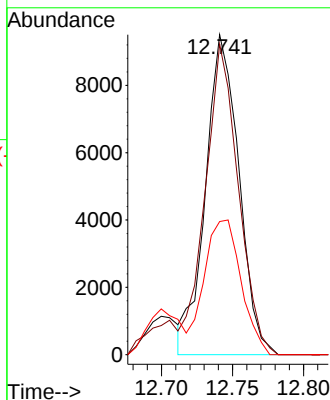
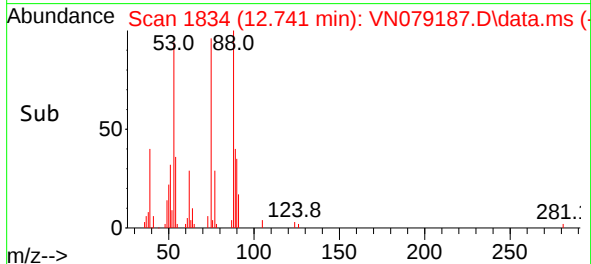
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



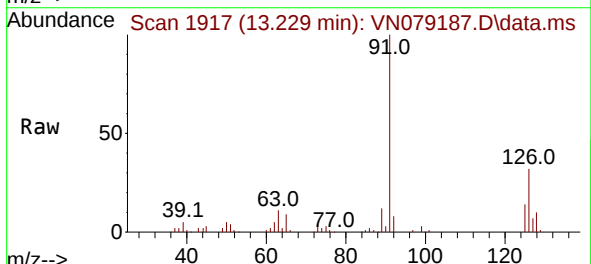
Tgt Ion: 75 Resp: 1553
Ion Ratio Lower Upper
75 100
53 97.1 44.1 132.4
89 41.6 22.4 67.3

Manual Integrations
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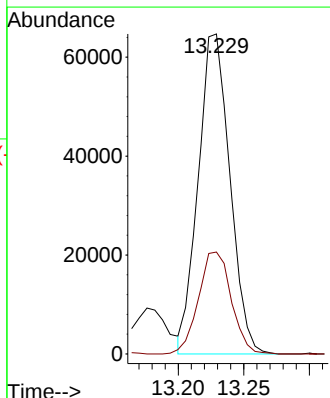
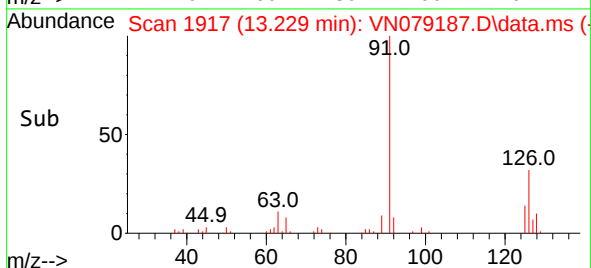
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

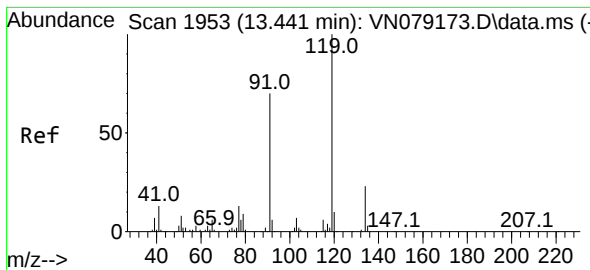


#78
4-Chlorotoluene
Concen: 19.758 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32



Tgt Ion: 91 Resp: 108848
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.6





#79

tert-butylbenzene

Concen: 20.052 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 10868

Ion Ratio Lower Upper

119 100

91 66.8 0.0 130.8

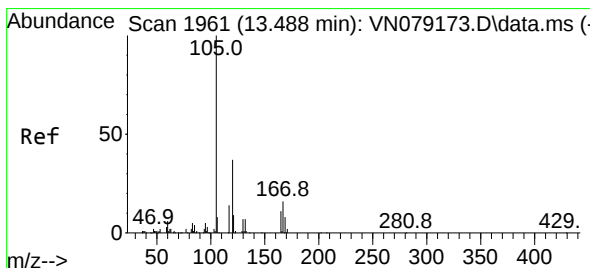
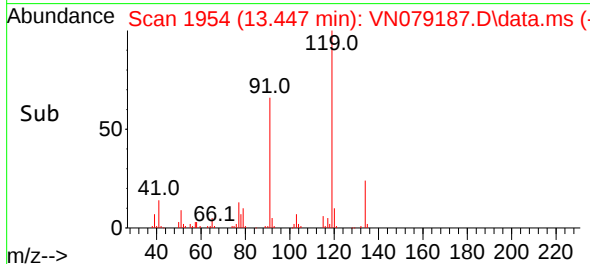
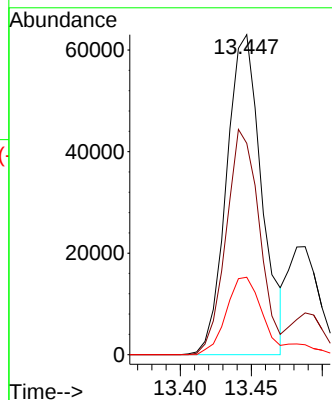
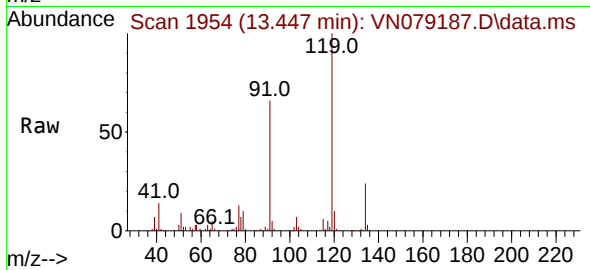
134 24.3 0.0 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#80

1,2,4-Trimethylbenzene

Concen: 20.506 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079187.D

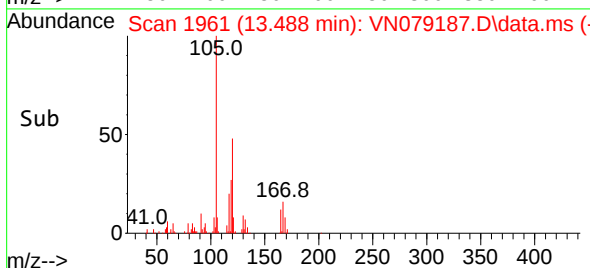
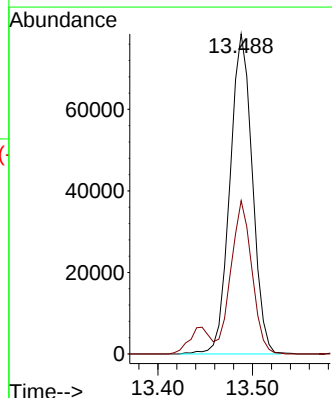
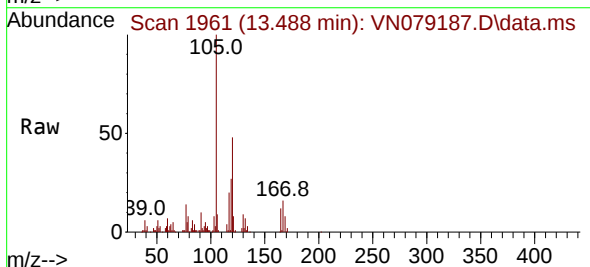
Acq: 07 Sep 2023 20:32

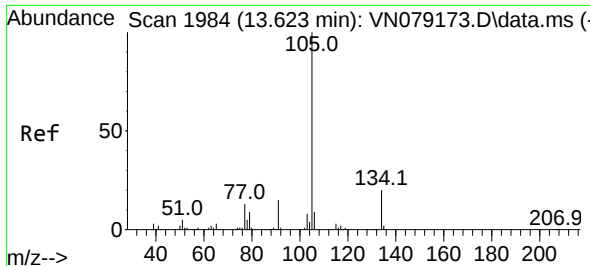
Tgt Ion:105 Resp: 129314

Ion Ratio Lower Upper

105 100

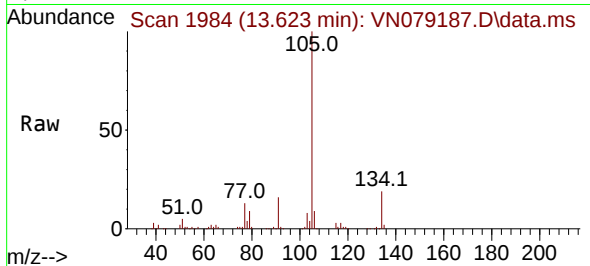
120 44.9 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.303 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32

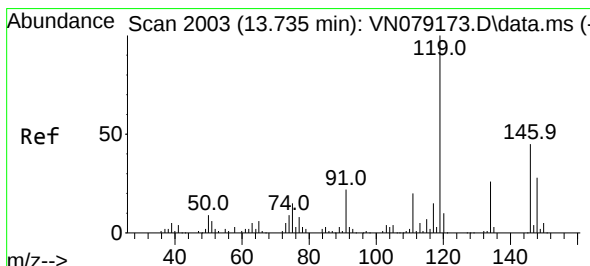
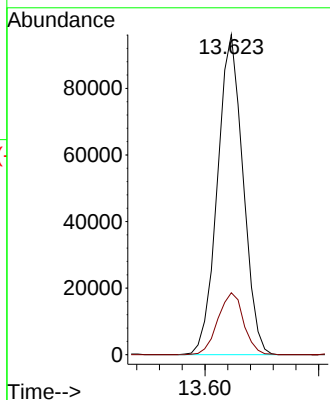
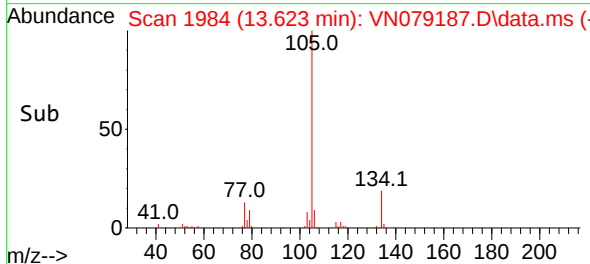
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



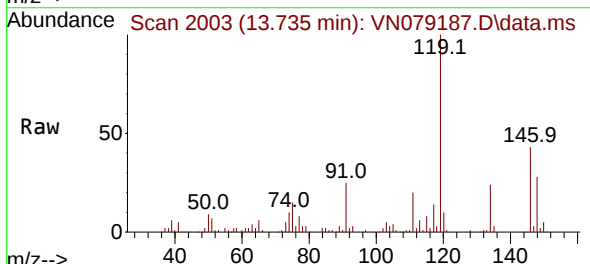
Tgt Ion:105 Resp: 15056
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6

Manual Integrations
 APPROVED

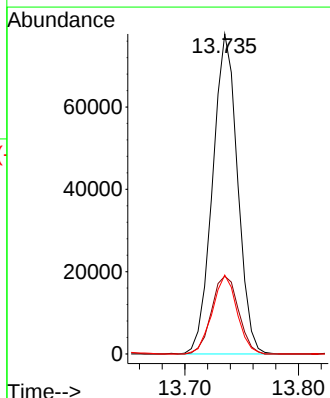
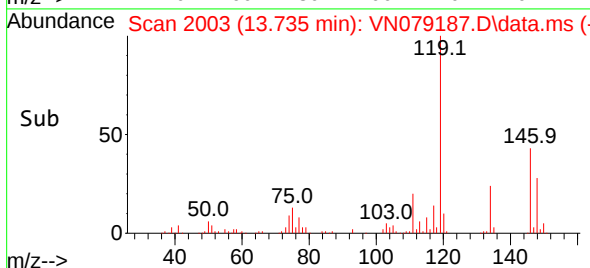
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

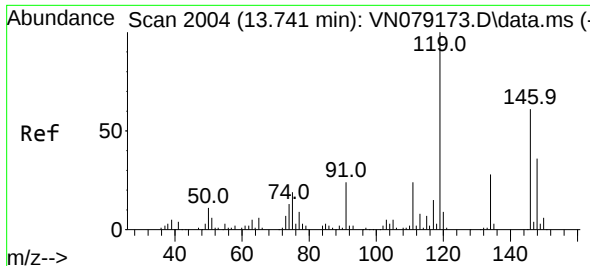


#82
 p-Isopropyltoluene
 Concen: 20.251 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32



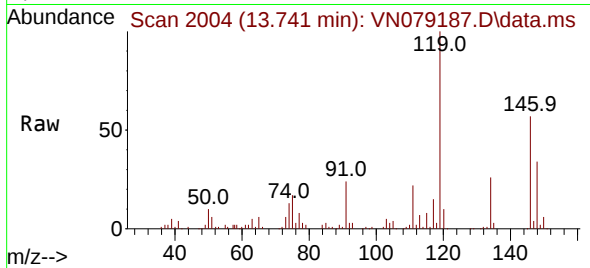
Tgt Ion:119 Resp: 118622
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.8
 91 24.5 0.0 48.0





#83
 1,3-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32

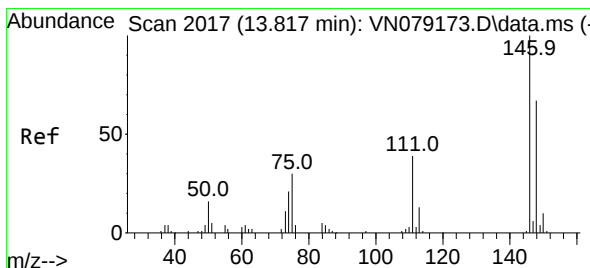
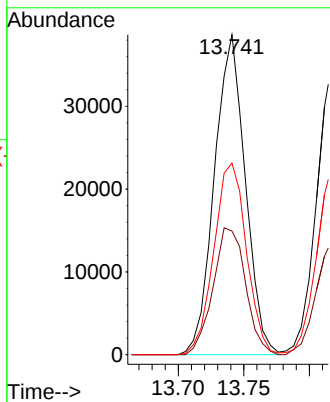
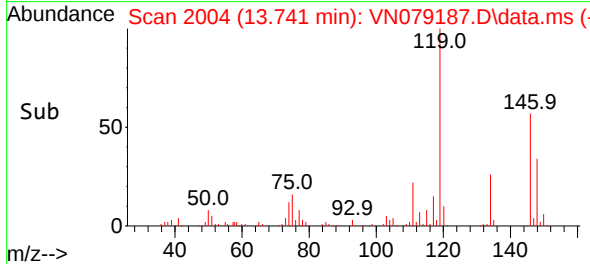
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



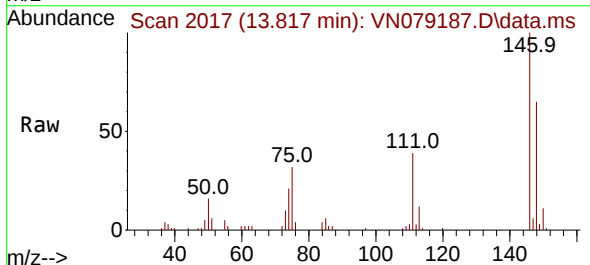
Tgt Ion:146 Resp: 63209
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.5
 148 63.1 31.8 95.3

Manual Integrations
 APPROVED

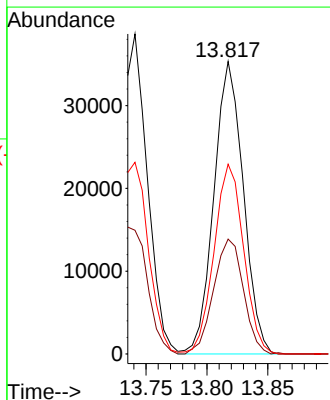
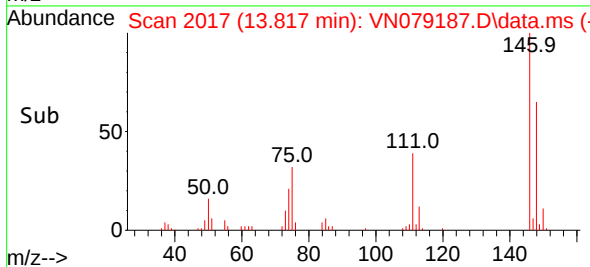
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

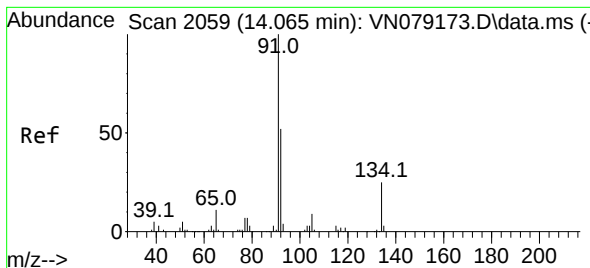


#84
 1,4-Dichlorobenzene
 Concen: 19.987 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079187.D
 Acq: 07 Sep 2023 20:32



Tgt Ion:146 Resp: 59385
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.5 58.5
 148 65.2 32.1 96.5





#85

n-Butylbenzene

Concen: 18.875 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. -0.001 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

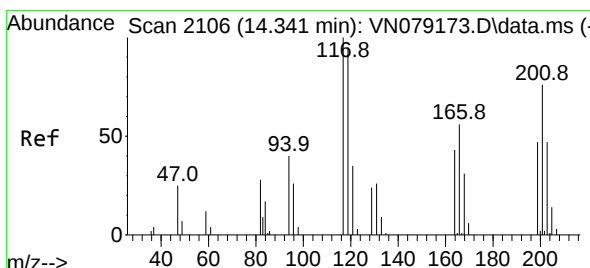
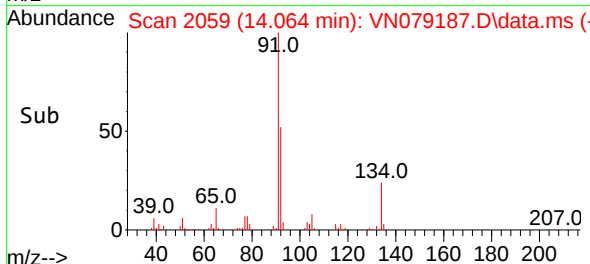
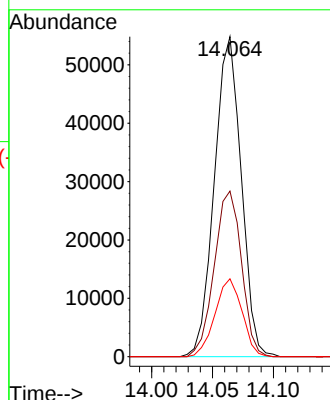
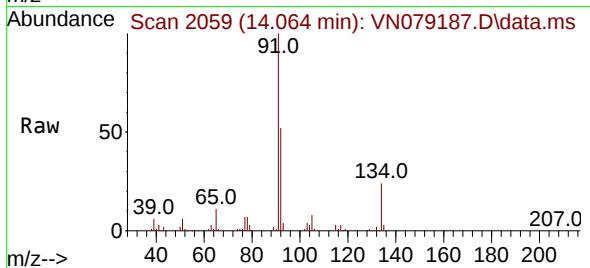
Tgt Ion:	91	Resp:	8420
Ion Ratio	Lower	Upper	
91	100		
92	52.4	0.0	105.0
134	24.5	0.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#86

Hexachloroethane

Concen: 15.753 ug/l

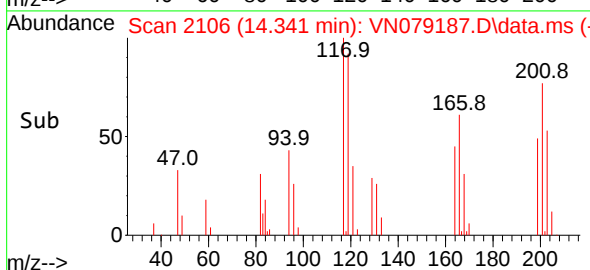
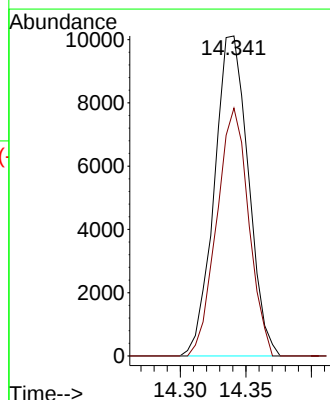
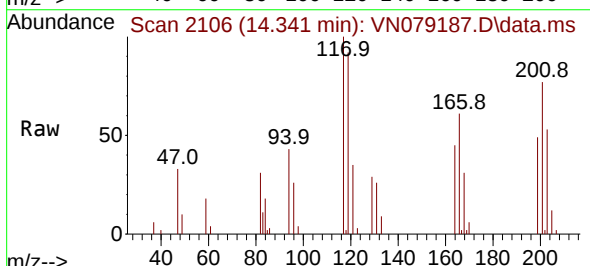
RT: 14.341 min Scan# 2106

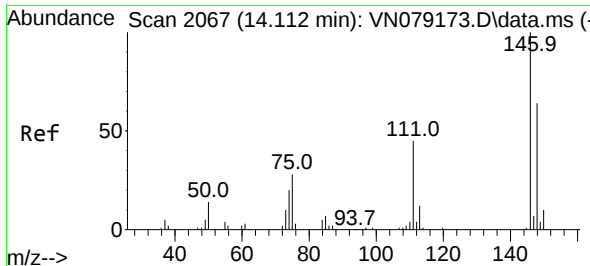
Delta R.T. -0.000 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Tgt Ion:	117	Resp:	18270
Ion Ratio	Lower	Upper	
117	100		
201	72.6	37.2	111.6





#87

1,2-Dichlorobenzene

Concen: 16.833 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 52629

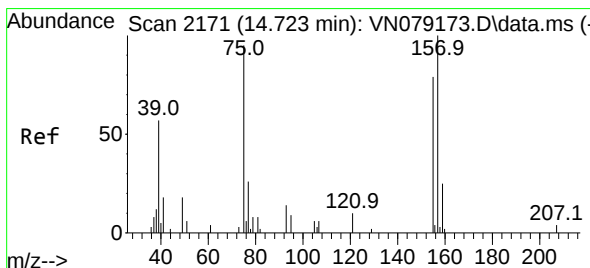
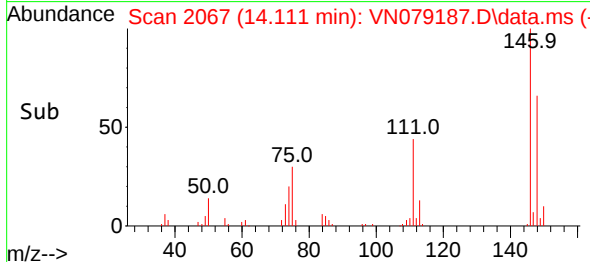
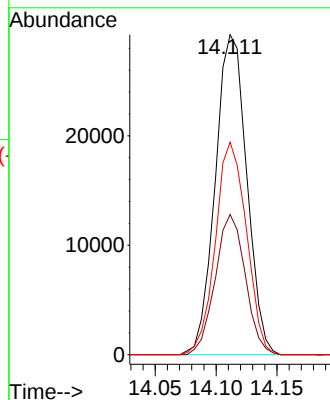
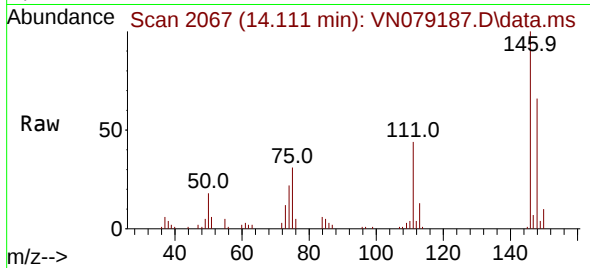
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.5	64.5
148	65.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.251 ug/l

RT: 14.723 min Scan# 2171

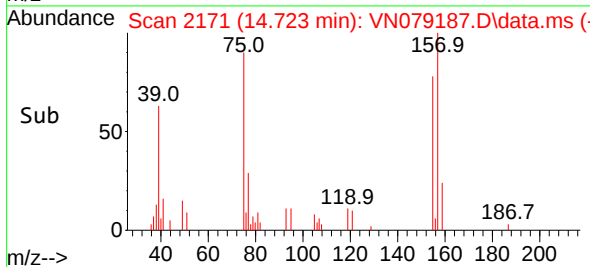
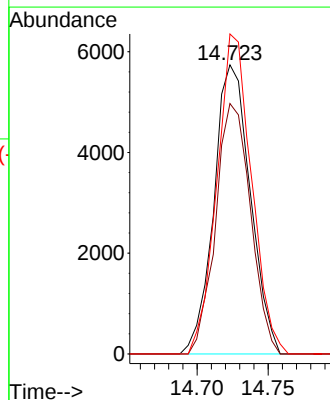
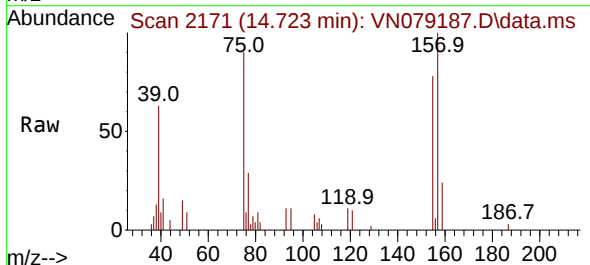
Delta R.T. 0.000 min

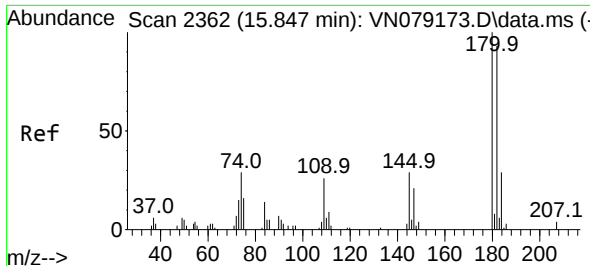
Lab File: VN079187.D

Acq: 07 Sep 2023 20:32

Tgt Ion: 75 Resp: 10226

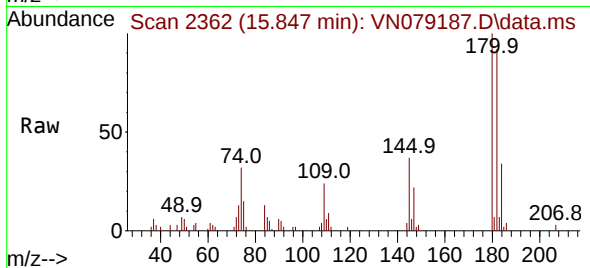
Ion	Ratio	Lower	Upper
75	100		
155	83.0	68.1	102.1
157	105.0	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 18.440 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

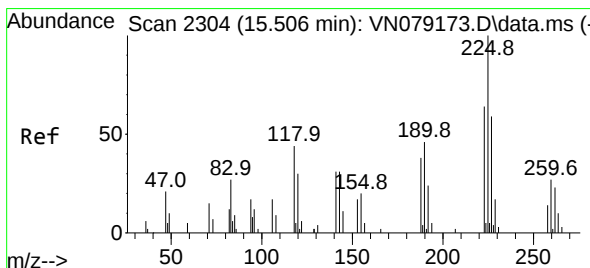
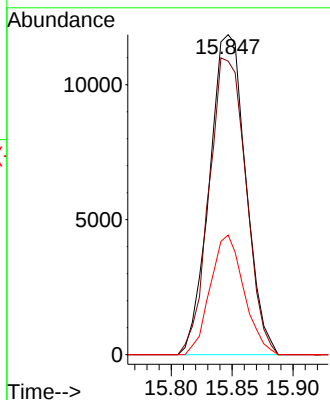
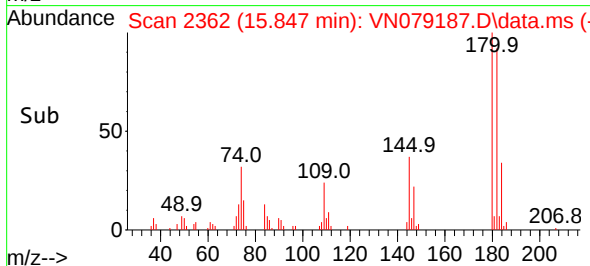
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 2467
Ion Ratio Lower Upper
180 100
182 93.7 74.5 111.7
145 34.5 26.2 39.2

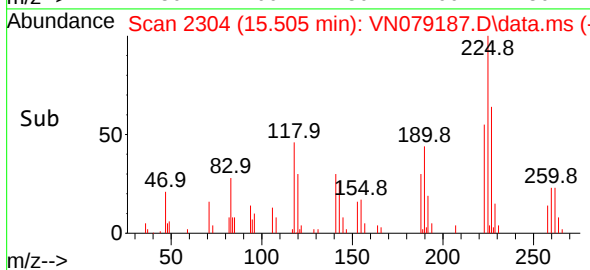
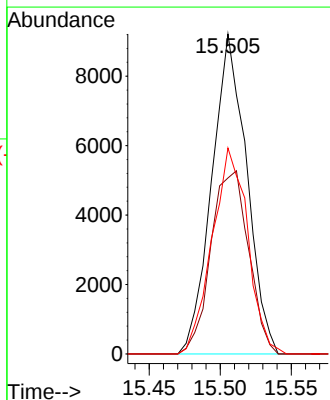
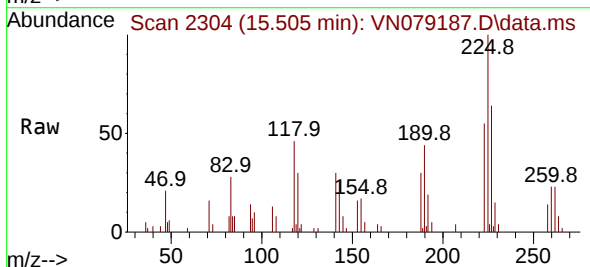
Manual Integrations
APPROVED

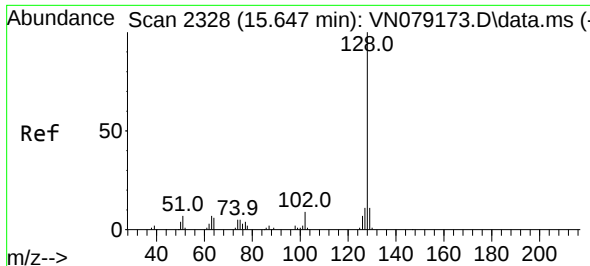
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#90
Hexachlorobutadiene
Concen: 19.344 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

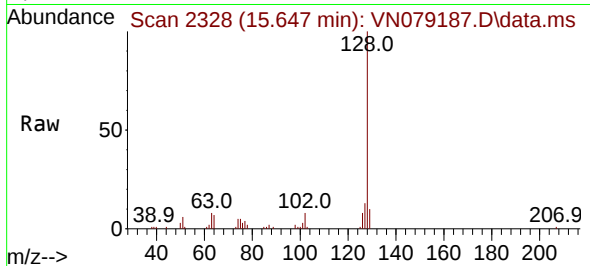
Tgt Ion:225 Resp: 15720
Ion Ratio Lower Upper
225 100
223 62.0 0.0 125.6
227 65.7 0.0 124.0





#91
Naphthalene
Concen: 16.598 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

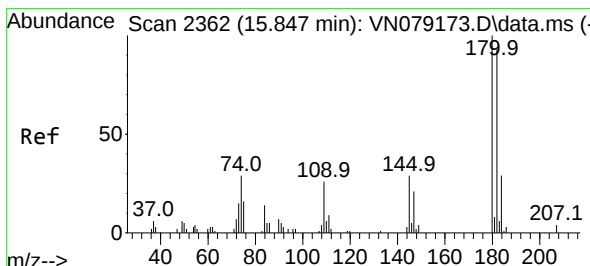
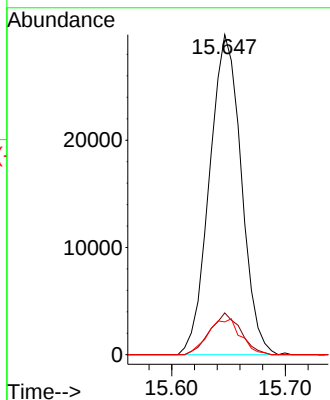
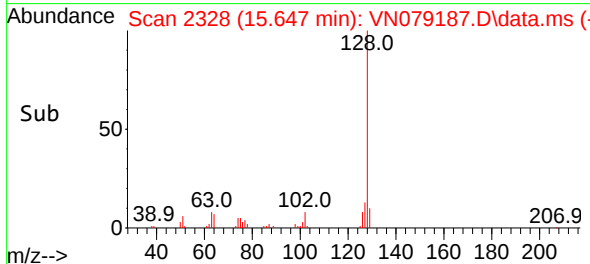
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 58029
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.5 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.440 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079187.D
Acq: 07 Sep 2023 20:32

Tgt Ion:180 Resp: 24671
Ion Ratio Lower Upper
180 100
182 93.7 0.0 186.2
145 34.5 0.0 65.4

