

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079191.D
 Acq On : 08 Sep 2023 12:26
 Operator : JC\MD
 Sample : VN0908WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 17:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	26327	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	141009	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	128952	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	59176	29.917	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.733%	
60) 4-Bromofluorobenzene	12.853	95	62416	32.850	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	109.500%	
63) Toluene-d8	10.571	98	178867	29.681	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	30213	20.577	ug/l	98
3) Chloromethane	2.365	50	31851	21.633	ug/l	93
4) Vinyl Chloride	2.512	62	32015	21.978	ug/l	95
5) Bromomethane	2.948	94	21295	23.819	ug/l	99
6) Chloroethane	3.118	64	22135	24.812	ug/l	95
7) Trichlorofluoromethane	3.495	101	45078	25.994	ug/l	96
8) Diethyl Ether	3.959	74	17964	28.252	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	26215	27.431	ug/l	97
10) 1,1-Dichloroethene	4.342	96	24501	26.459	ug/l	98
11) Methyl Iodide	4.595	142	31146	26.702	ug/l	94
12) Methyl Acetate	5.036	43	72690	33.684	ug/l	96
13) Acrolein	4.183	56	17638	89.741	ug/l	94
14) Acrylonitrile	5.730	53	88015	139.019	ug/l	99
15) Acetone	4.436	58	23893	144.669	ug/l	95
16) Carbon Disulfide	4.718	76	74038	27.059	ug/l	99
17) Allyl chloride	5.024	41	47487	31.914	ug/l	91
18) Methylene Chloride	5.283	84	36290	29.219	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	30857	26.634	ug/l	96
20) Diisopropyl ether	6.683	45	102029	22.969	ug/l	95
21) 1,1-Dichloroethane	6.571	63	60544	23.266	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	38214	21.091	ug/l	97
23) tert-Butyl Alcohol	5.542	59	31558	129.573	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	101868	27.874	ug/l	98
25) Chloroform	7.971	83	62728	19.990	ug/l	100
26) Cyclohexane	8.265	56	43698	18.518	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	44914	19.866	ug/l	98
30) 2-Butanone	7.494	43	115529	101.596	ug/l	97
31) 2,2-Dichloropropane	7.489	77	48767	21.625	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	53255	19.994	ug/l	99
33) Carbon Tetrachloride	8.371	117	46037	20.121	ug/l	98
34) Benzene	8.612	78	140156	19.512	ug/l	98
35) Methacrylonitrile	7.783	41	23716	19.370	ug/l	92
36) 1,2-Dichloroethane	8.677	62	46235	19.517	ug/l	100
37) Trichloroethene	9.359	130	34118	20.095	ug/l	95
38) Methylcyclohexane	9.606	83	42973	19.013	ug/l	99
39) 1,2-Dichloropropane	9.624	63	36660	19.786	ug/l	96
40) Dibromomethane	9.712	93	24966	20.432	ug/l	97
41) Bromodichloromethane	9.894	83	51373	21.091	ug/l	93
42) Vinyl Acetate	6.612	43	313324	116.021	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	44342	20.532	ug/l	98
44) Isopropyl Acetate	8.694	43	73604	18.946	ug/l	99
45) 1,4-Dioxane	9.700	88	15718	406.455	ug/l	92
46) Methyl methacrylate	9.688	41	33233	19.147	ug/l	97
47) n-amyl Acetate	12.500	43	56512	20.683	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	52497	19.921	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	58495	21.281	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	35693	20.822	ug/l	97
51) Ethyl methacrylate	10.882	69	53989	20.394	ug/l	92
52) 1,3-Dichloropropane	11.171	76	61095	20.877	ug/l	99
53) Dibromochloromethane	11.365	129	38356	21.334	ug/l	99
54) 1,2-Dibromoethane	11.476	107	36167	20.778	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	103898	110.452	ug/l	99
56) Bromoform	12.582	173	27717	22.124	ug/l	100
58) 4-Methyl-2-Pentanone	10.453	43	230199	97.280	ug/l	99
59) 2-Hexanone	11.200	43	168330	101.290	ug/l	98
61) Tetrachloroethene	11.112	164	28554	20.350	ug/l	93
62) Toluene	10.635	91	150258	20.012	ug/l	99
64) Chlorobenzene	11.894	112	90139	20.579	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	35075	20.916	ug/l	99
66) Ethyl Benzene	11.971	91	157224	20.797	ug/l	99
67) m/p-Xylenes	12.076	106	118887	41.795	ug/l	100
68) o-Xylene	12.406	106	58030	21.153	ug/l	99
69) Styrene	12.418	104	95562	21.840	ug/l	100
70) Isopropylbenzene	12.700	105	154889	22.213	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	55715	21.359	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	35081m	15.984	ug/l	
73) Bromobenzene	12.988	156	36731	21.088	ug/l	97
74) n-propylbenzene	13.041	91	163562	20.587	ug/l	99
75) 2-Chlorotoluene	13.129	91	104758	20.563	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	120052	20.822	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	17330	22.427	ug/l	94
78) 4-Chlorotoluene	13.229	91	100364	20.864	ug/l	98
79) tert-butylbenzene	13.441	119	101290	21.403	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	119034	21.618	ug/l	99
81) sec-Butylbenzene	13.623	105	133510	20.619	ug/l	98
82) p-Isopropyltoluene	13.735	119	110810	21.665	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	59587	21.541	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	55043	21.217	ug/l	98
85) n-Butylbenzene	14.059	91	80979	20.788	ug/l	98
86) Hexachloroethane	14.341	117	21404	21.136	ug/l	94
87) 1,2-Dichlorobenzene	14.112	146	59854	21.925	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9175	20.809	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	23921	20.477	ug/l	99
90) Hexachlorobutadiene	15.506	225	14973	21.102	ug/l	98
91) Naphthalene	15.647	128	56977	18.665	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.847	180	23921	20.477	ug/l	99

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

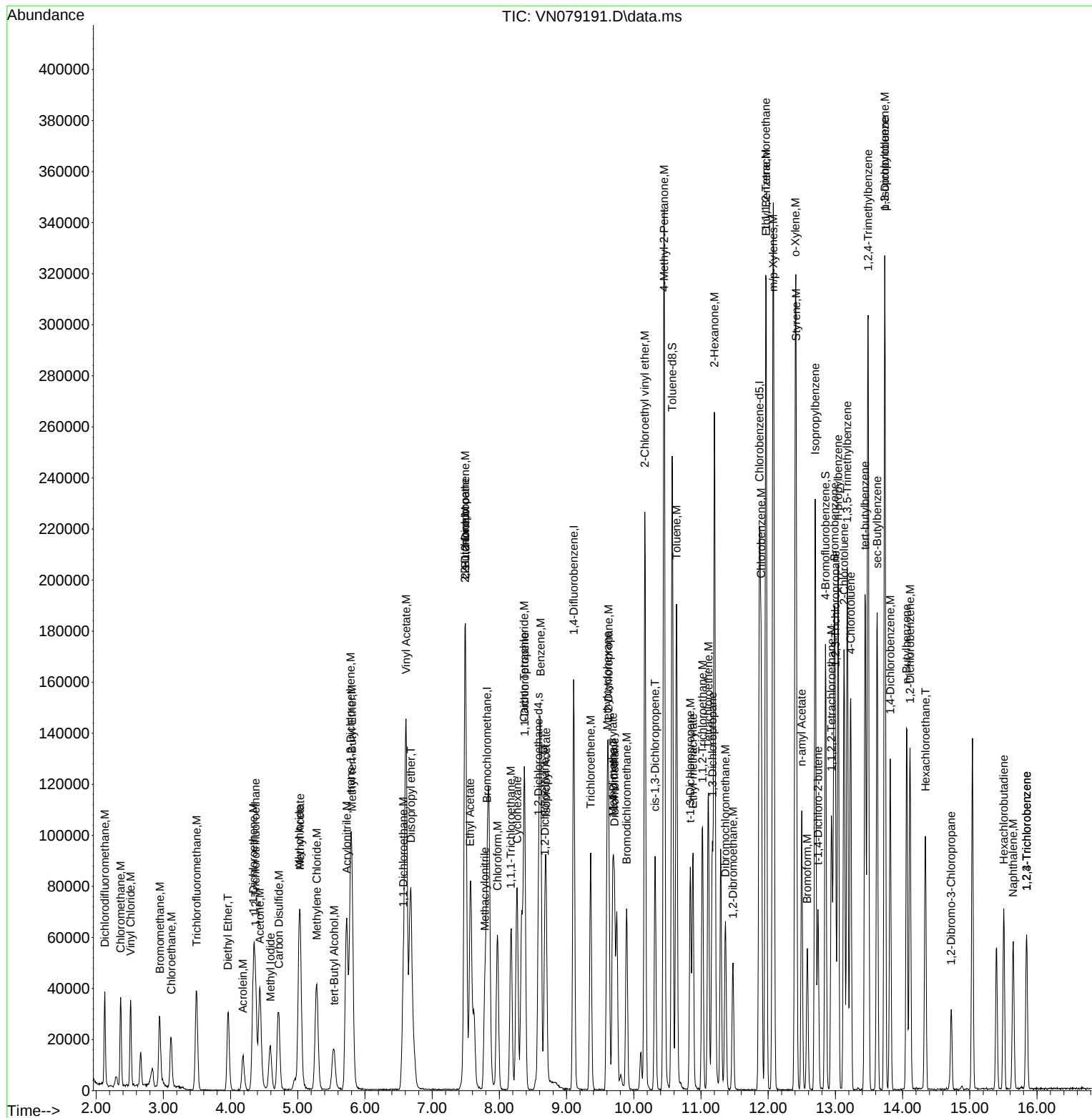
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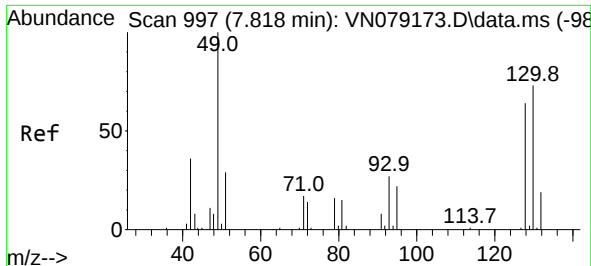
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01

Manual Integrations APPROVED

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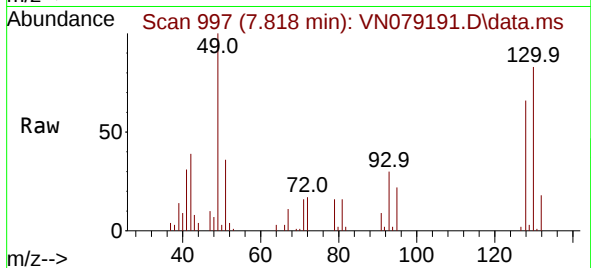
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 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

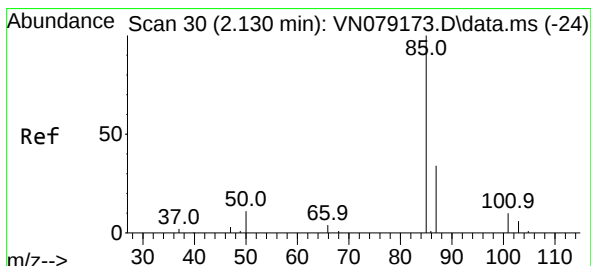
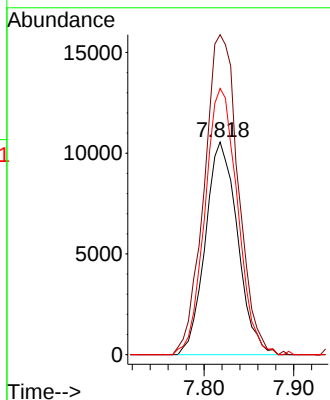
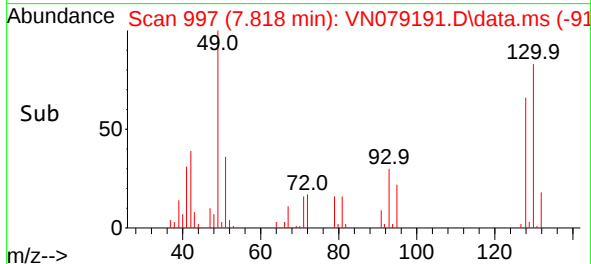
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:128 Resp: 2632
Ion Ratio Lower Upper
128 100
49 159.4 0.0 414.3
130 126.7 0.0 311.0

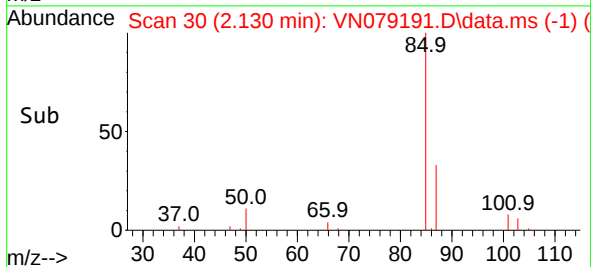
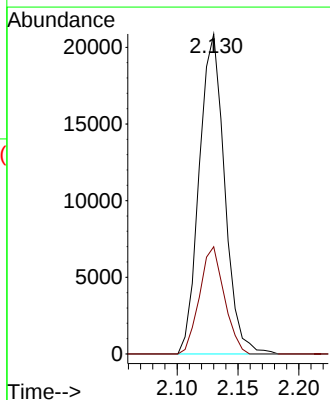
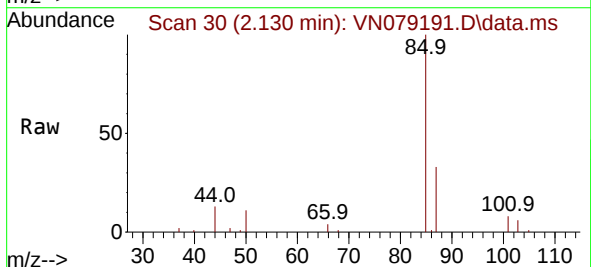
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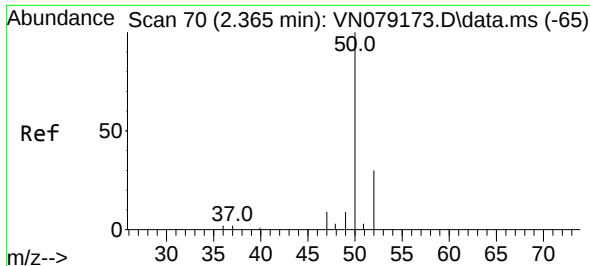
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#2
Dichlorodifluoromethane
Concen: 20.577 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

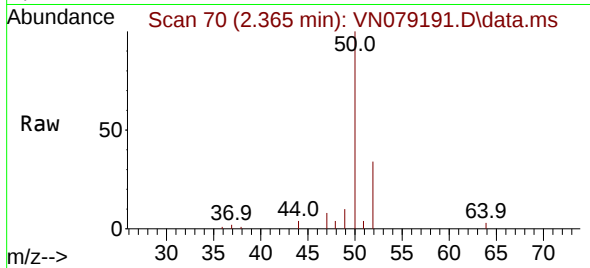
Tgt Ion: 85 Resp: 30213
Ion Ratio Lower Upper
85 100
87 33.5 17.3 51.7





#3
Chloromethane
Concen: 21.633 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

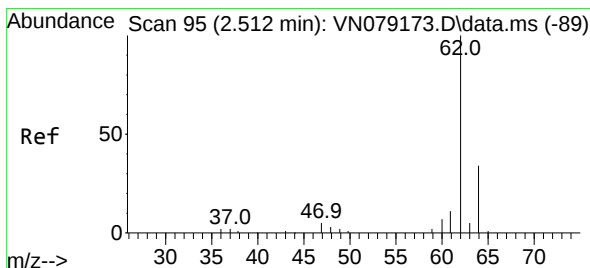
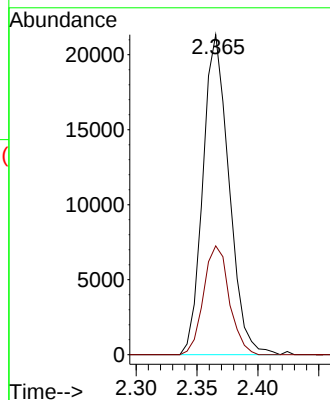
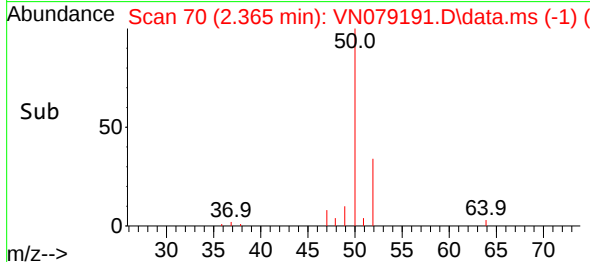
Instrument :
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Tgt Ion: 50 Resp: 3185
Ion Ratio Lower Upper
50 100
52 34.0 24.0 36.0

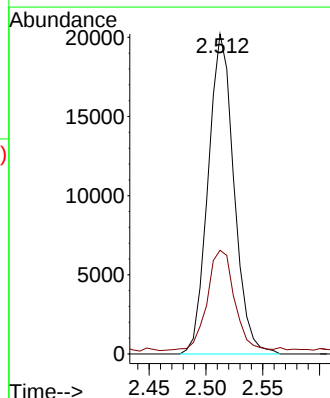
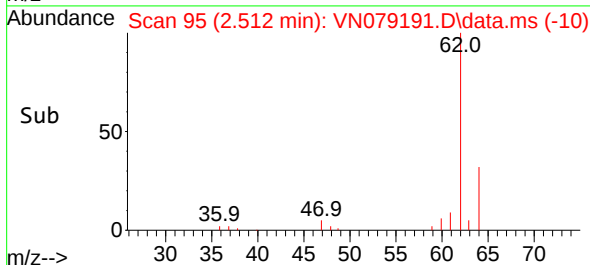
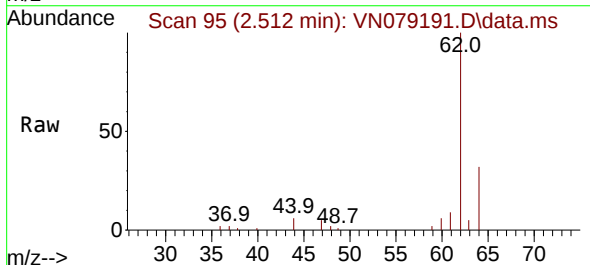
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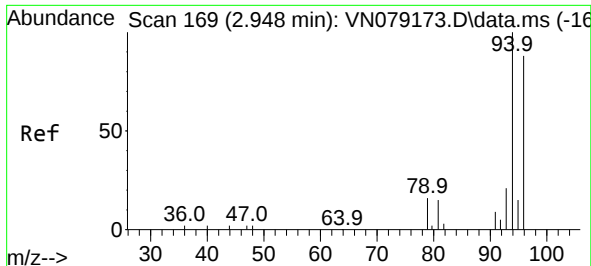
Reviewed By :John Carlone 09/09/2023
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#4
Vinyl Chloride
Concen: 21.978 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

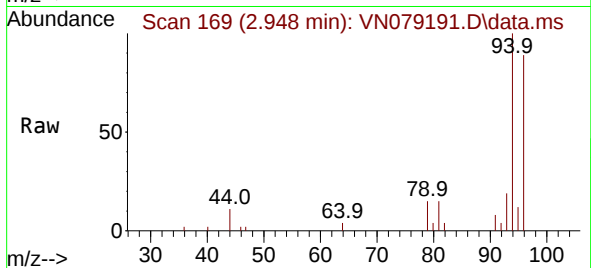
Tgt Ion: 62 Resp: 32015
Ion Ratio Lower Upper
62 100
64 30.8 27.1 40.7





#5
Bromomethane
Concen: 23.819 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

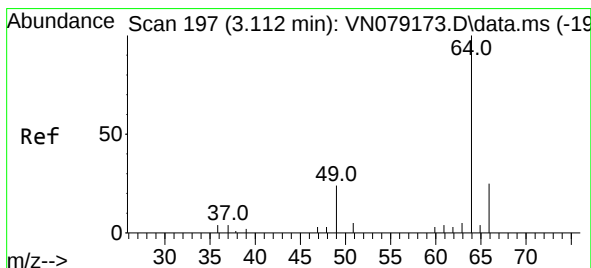
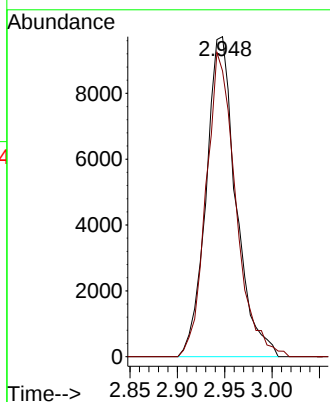
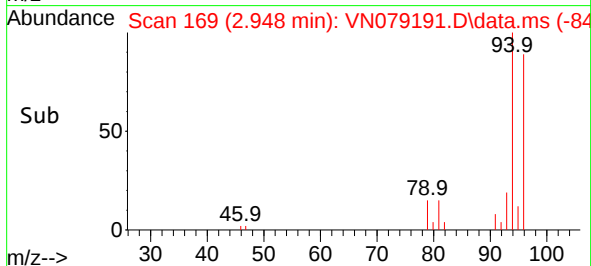
Instrument :
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Tgt Ion: 94 Resp: 21295
Ion Ratio Lower Upper
94 100
96 89.3 70.6 105.8

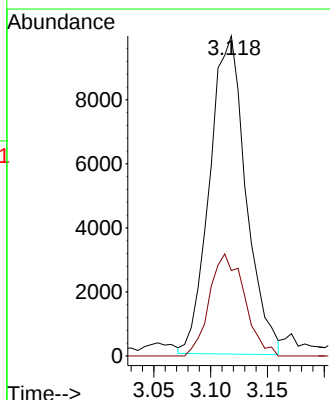
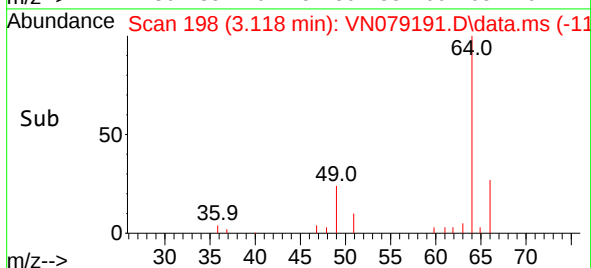
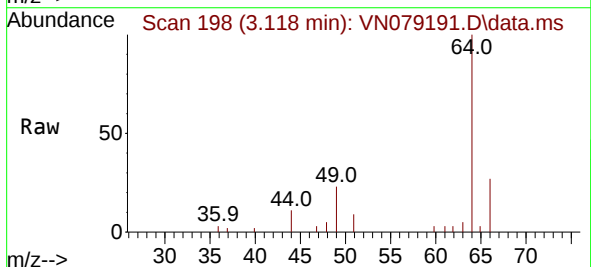
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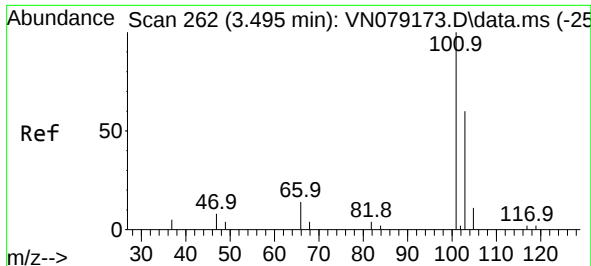
Reviewed By :John Carlone 09/09/2023
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#6
Chloroethane
Concen: 24.812 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 64 Resp: 22135
Ion Ratio Lower Upper
64 100
66 27.4 20.1 30.1





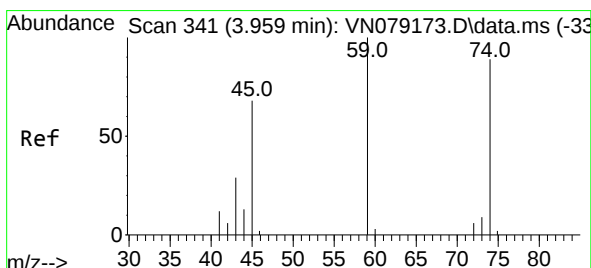
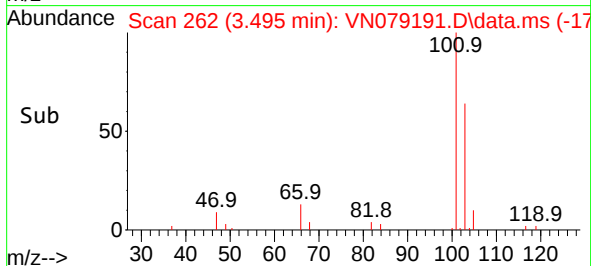
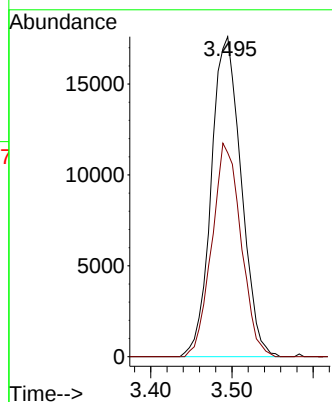
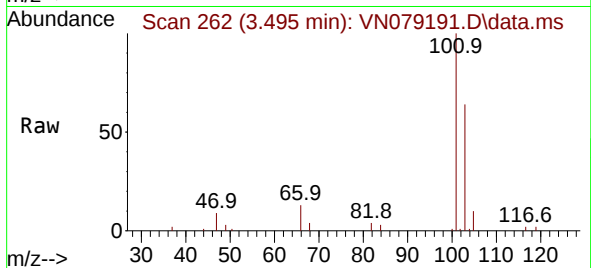
#7
Trichlorofluoromethane
Concen: 25.994 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:101 Resp: 45078
Ion Ratio Lower Upper
101 100
103 63.7 48.2 72.4

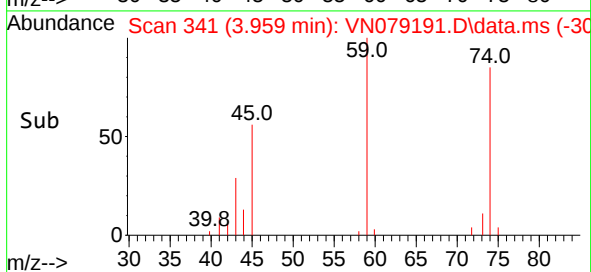
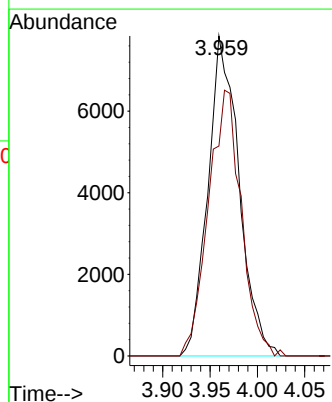
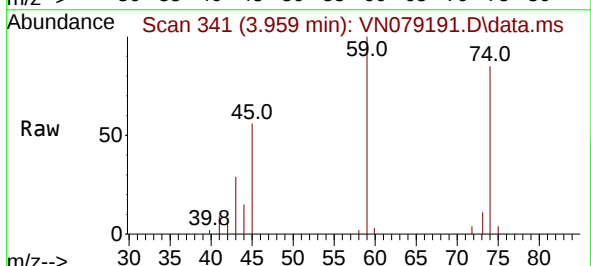
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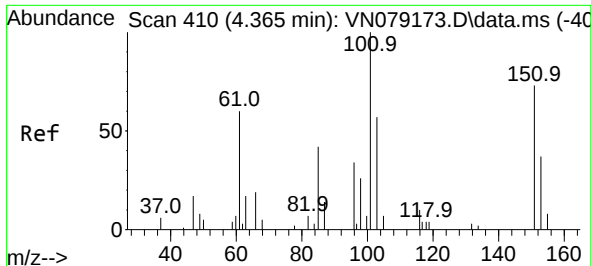
Reviewed By :John Carlone 09/09/2023
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#8
Diethyl Ether
Concen: 28.252 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN079191.D
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Tgt Ion: 74 Resp: 17964
Ion Ratio Lower Upper
74 100
45 87.0 17.6 158.0





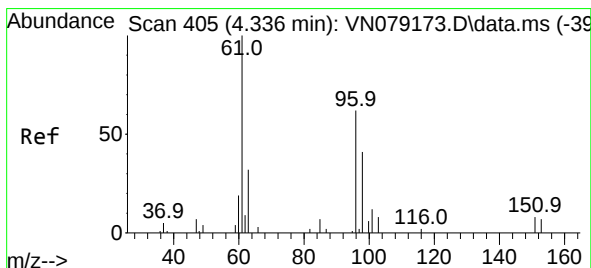
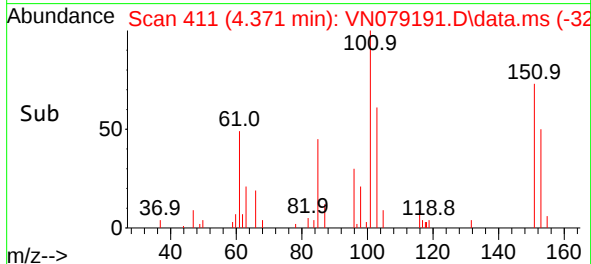
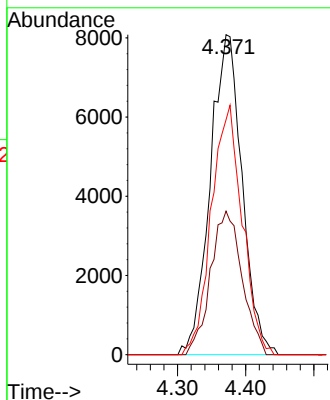
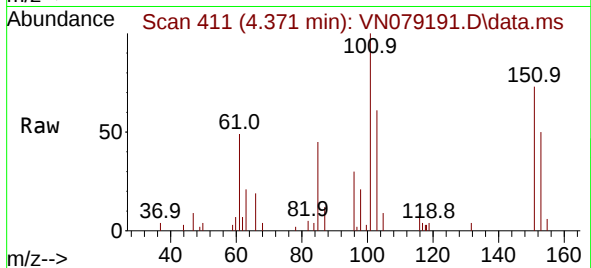
#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.431 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:101 Resp: 2621
Ion Ratio Lower Upper
101 100
85 44.5 0.0 85.6
151 75.6 0.0 155.8

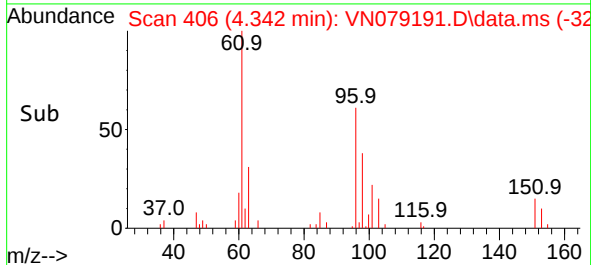
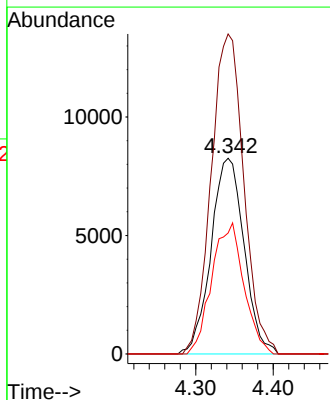
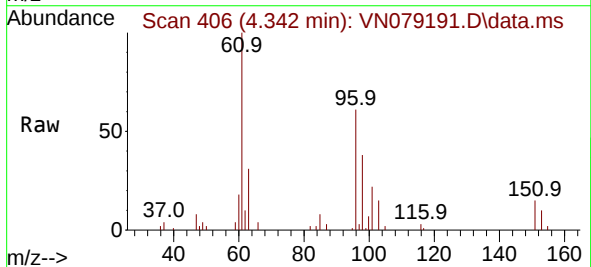
Manual Integrations
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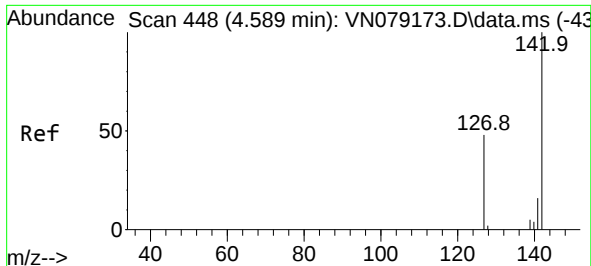
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
1,1-Dichloroethene
Concen: 26.459 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

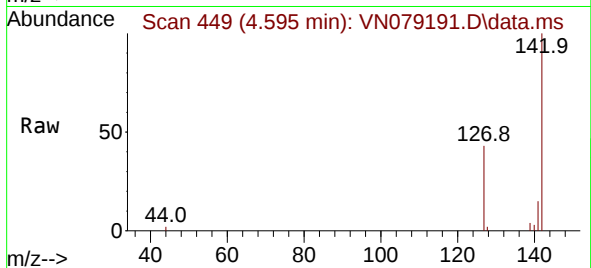
Tgt Ion: 96 Resp: 24501
Ion Ratio Lower Upper
96 100
61 163.5 130.2 195.2
98 61.8 52.3 78.5





#11
Methyl Iodide
Concen: 26.702 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

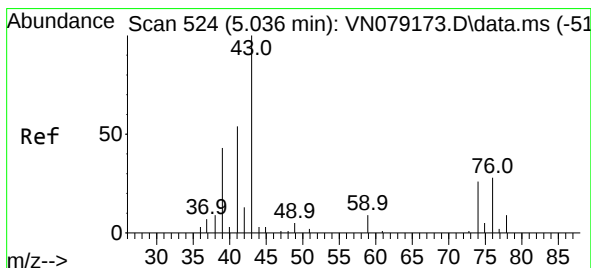
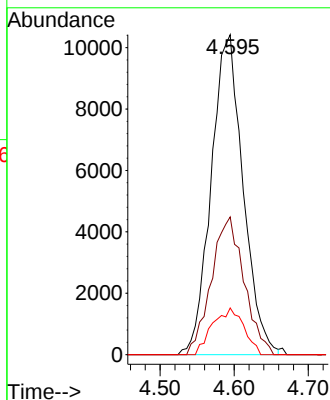
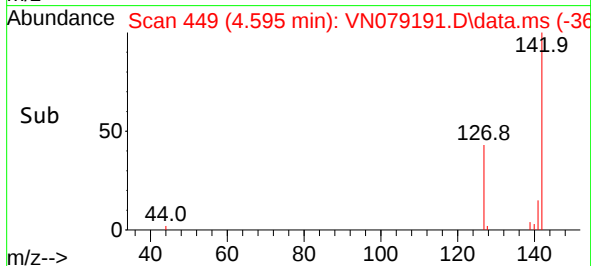
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:142 Resp: 31140
Ion Ratio Lower Upper
142 100
127 43.4 23.8 71.4
141 14.7 8.2 24.6

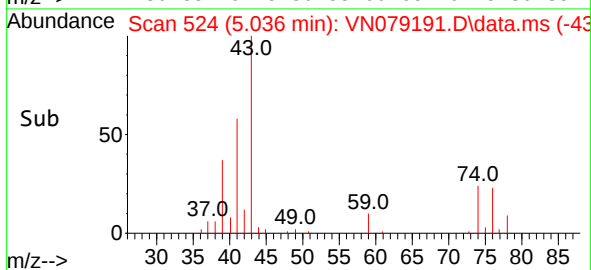
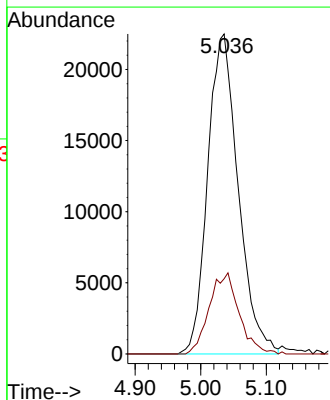
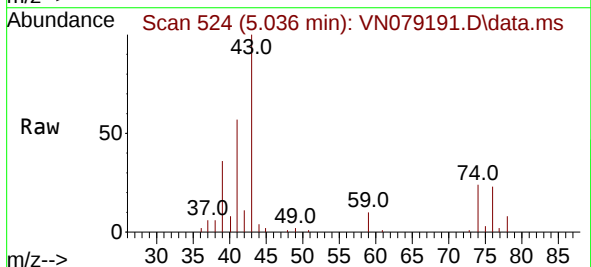
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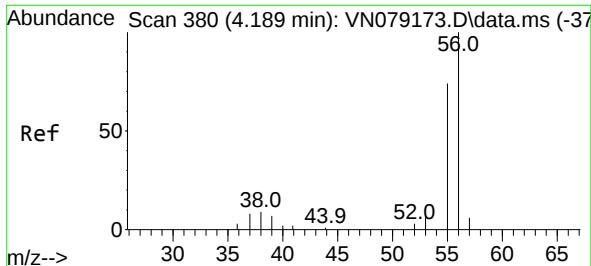
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
Methyl Acetate
Concen: 33.684 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 43 Resp: 72690
Ion Ratio Lower Upper
43 100
74 23.7 20.4 30.6





#13

Acrolein

Concen: 89.741 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 56 Resp: 17638

Ion Ratio Lower Upper

56 100

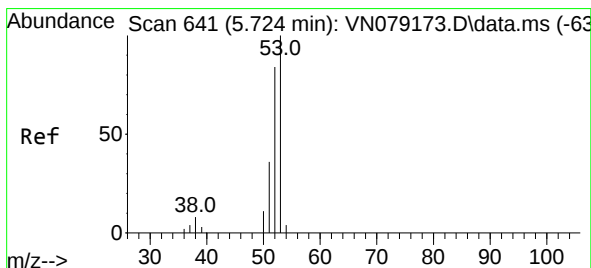
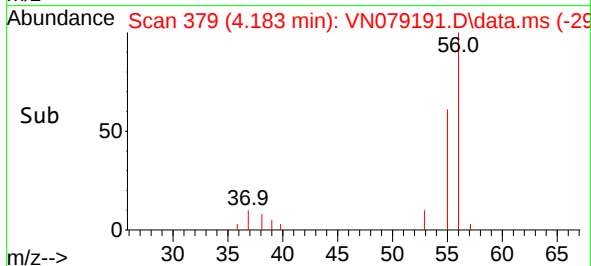
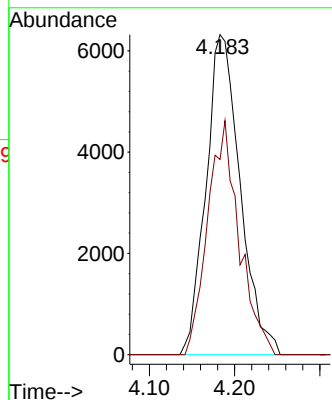
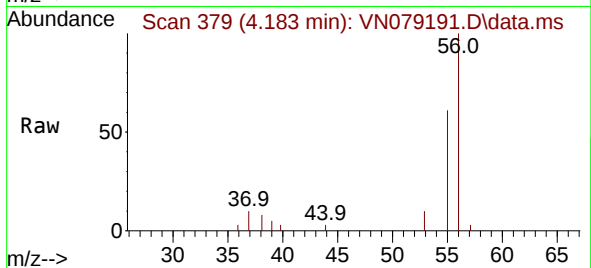
55 67.1 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#14

Acrylonitrile

Concen: 139.019 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

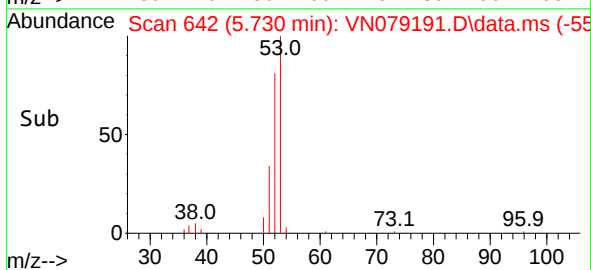
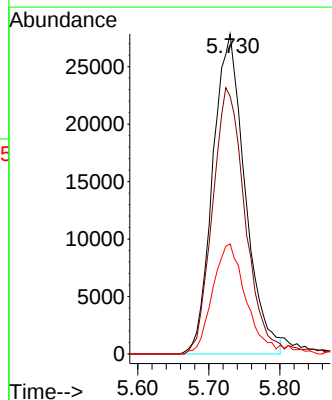
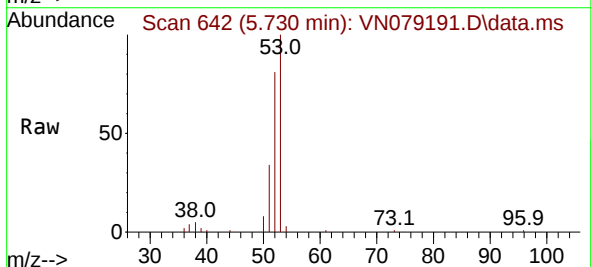
Tgt Ion: 53 Resp: 88015

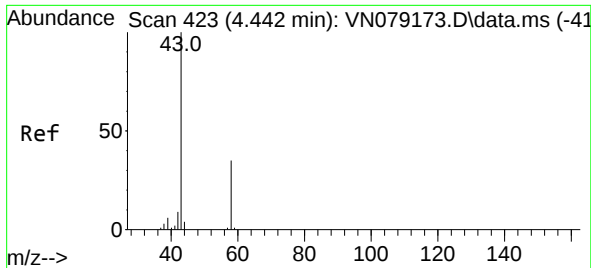
Ion Ratio Lower Upper

53 100

52 83.6 41.4 124.4

51 35.1 17.3 51.9





#15

Acetone

Concen: 144.669 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 58 Resp: 2389

Ion Ratio Lower Upper

58 100

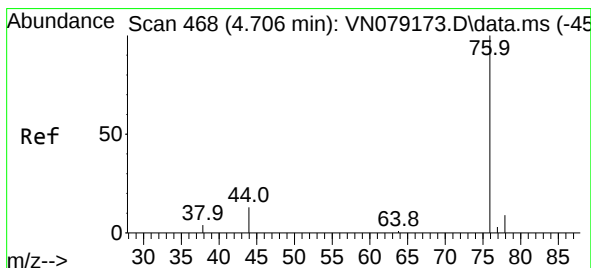
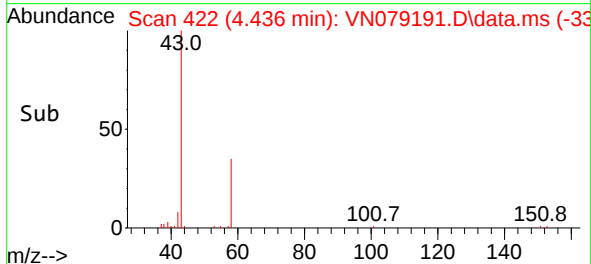
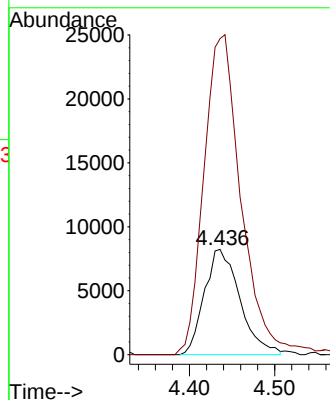
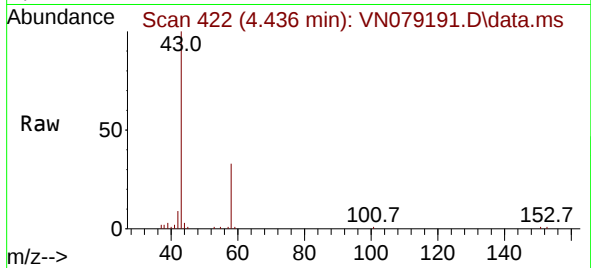
43 295.2 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#16

Carbon Disulfide

Concen: 27.059 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.012 min

Lab File: VN079191.D

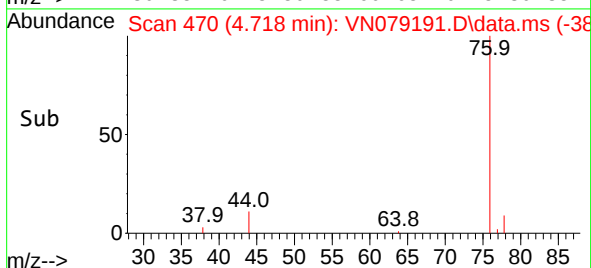
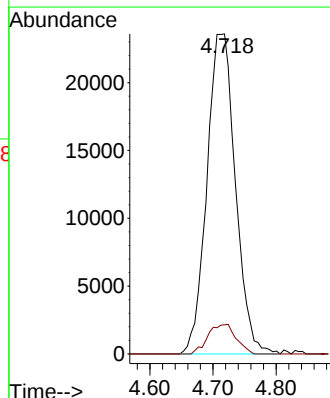
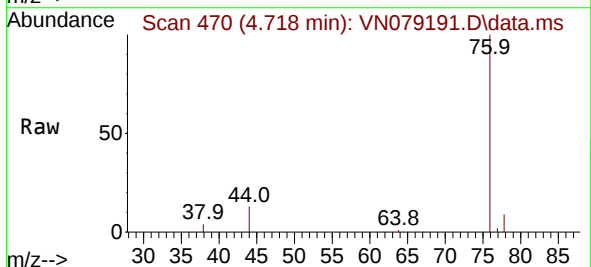
Acq: 08 Sep 2023 12:26

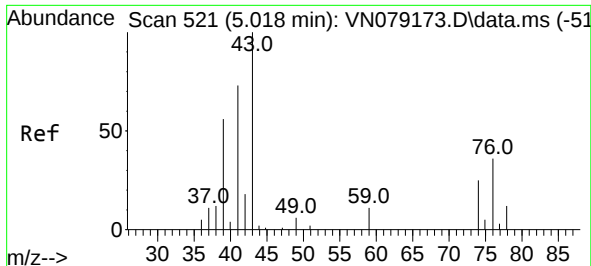
Tgt Ion: 76 Resp: 74038

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3





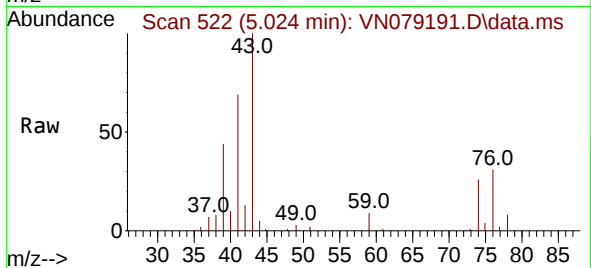
#17
 Allyl chloride
 Concen: 31.914 ug/l
 RT: 5.024 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01



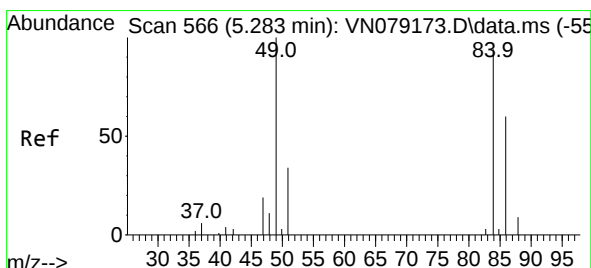
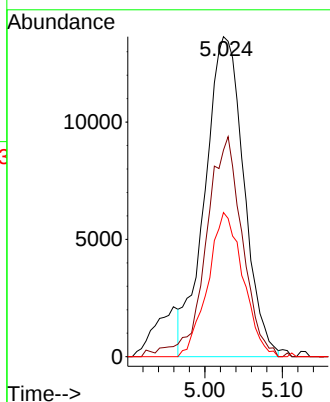
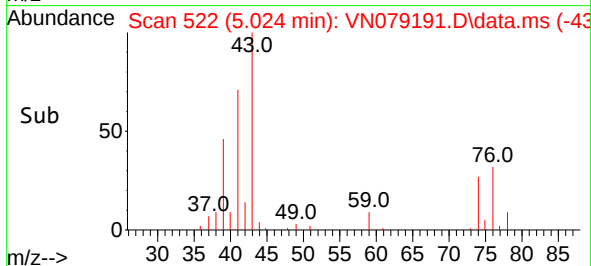
Tgt Ion: 41 Resp: 4748
 Ion Ratio Lower Upper
 41 100
 39 65.8 38.3 114.8
 76 45.9 23.7 71.1

Manual Integrations

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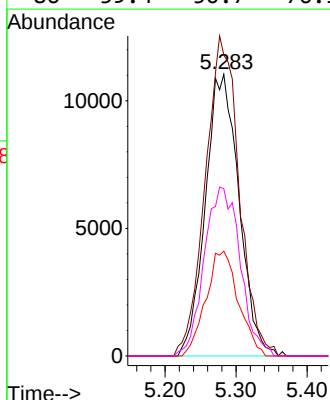
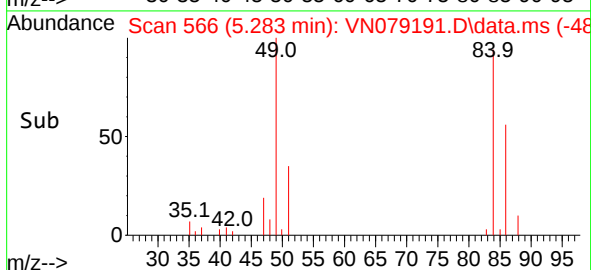
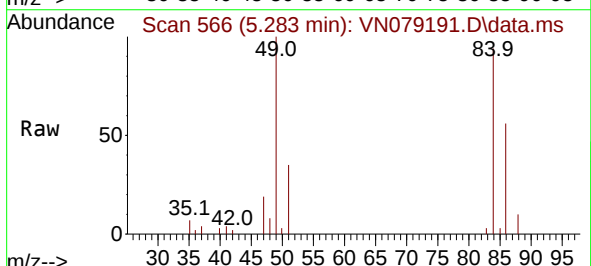
Reviewed By :John Carlone 09/09/2023

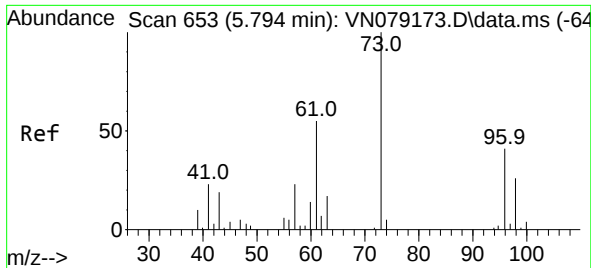
Supervised By :Mahesh Dadoda 09/11/2023



#18
 Methylene Chloride
 Concen: 29.219 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26

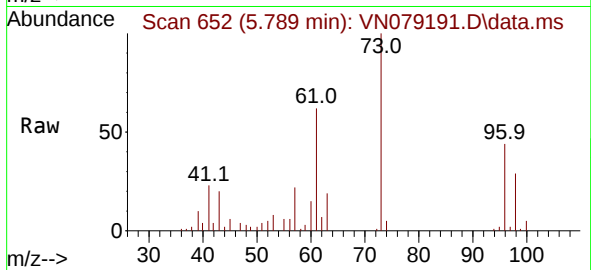
Tgt Ion: 84 Resp: 36290
 Ion Ratio Lower Upper
 84 100
 49 106.8 86.9 130.3
 51 37.2 28.6 43.0
 86 59.4 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 26.634 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

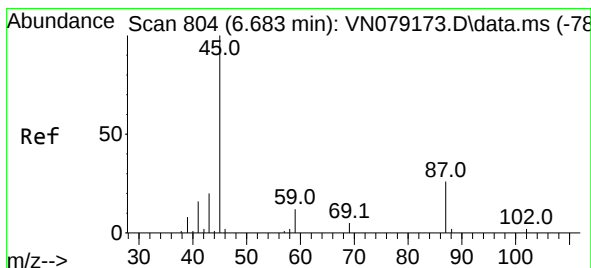
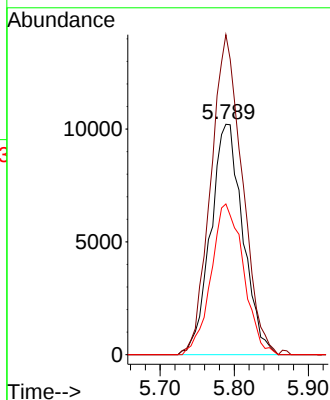
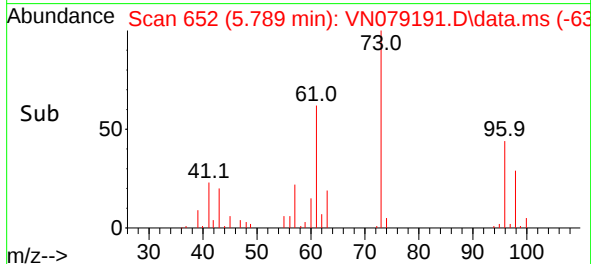
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 96 Resp: 3085
Ion Ratio Lower Upper
96 100
61 138.9 106.6 159.8
98 65.4 51.0 76.4

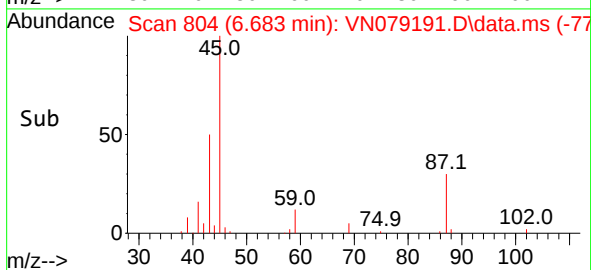
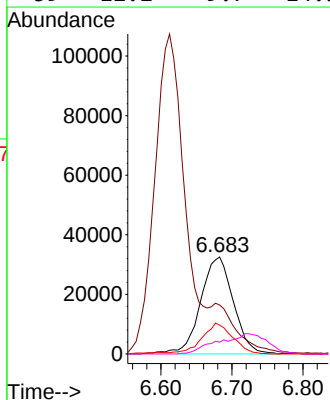
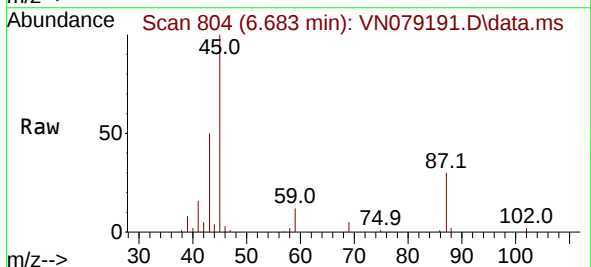
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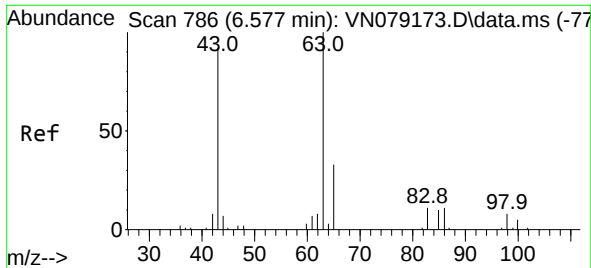
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Diisopropyl ether
Concen: 22.969 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 45 Resp: 102029
Ion Ratio Lower Upper
45 100
43 48.0 34.9 52.3
87 29.7 21.5 32.3
59 12.2 9.7 14.5





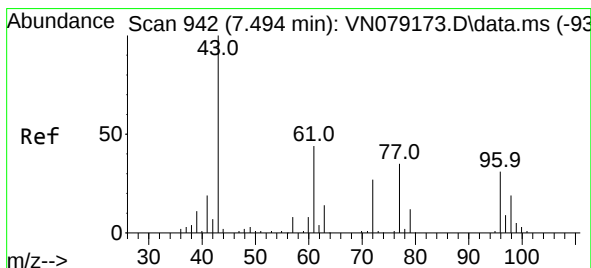
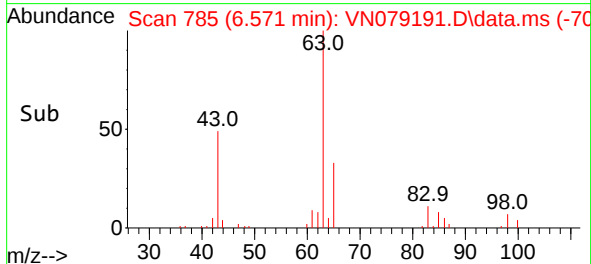
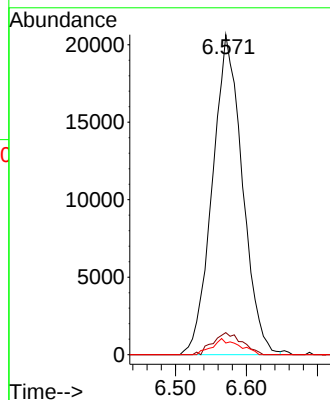
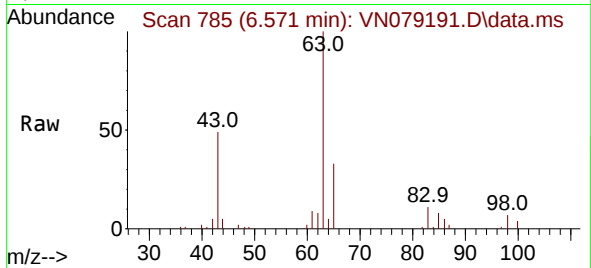
#21
1,1-Dichloroethane
Concen: 23.266 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion: 63 Resp: 60544
Ion Ratio Lower Upper
63 100
98 6.9 3.9 11.5
100 3.7 2.5 7.5

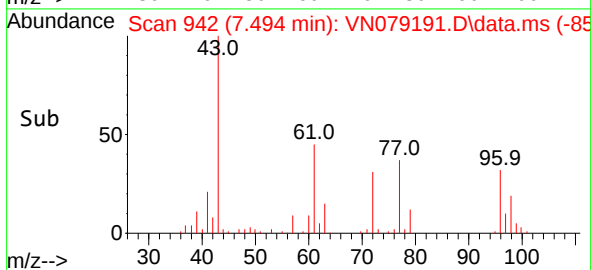
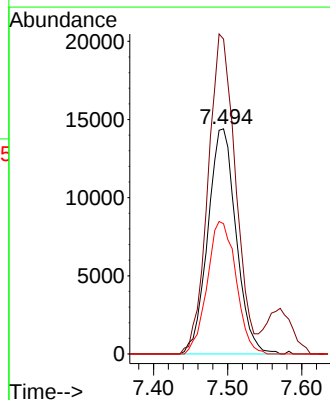
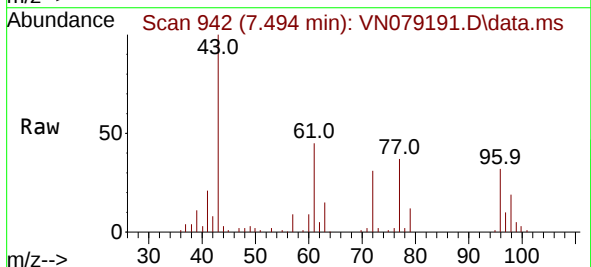
Manual Integrations
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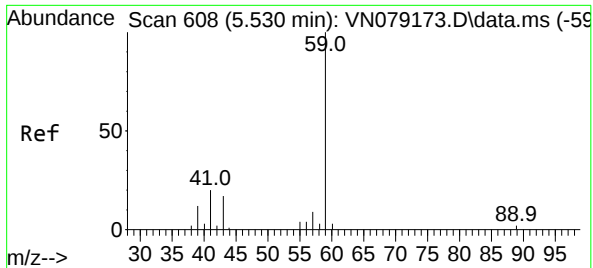
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#22
cis-1,2-Dichloroethene
Concen: 21.091 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 96 Resp: 38214
Ion Ratio Lower Upper
96 100
61 137.3 113.0 169.6
98 59.8 50.2 75.4





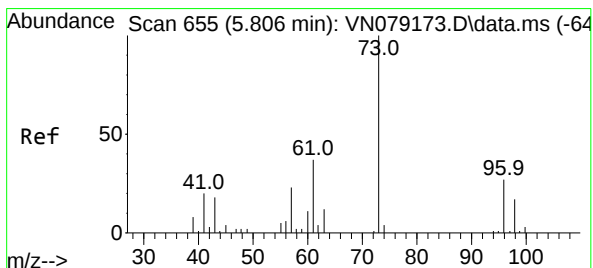
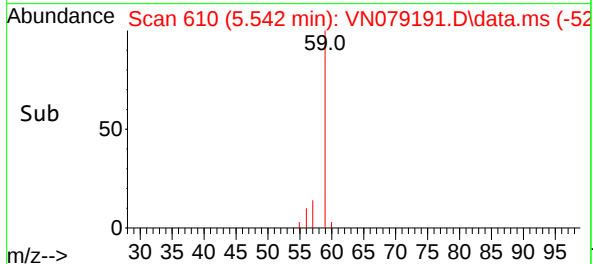
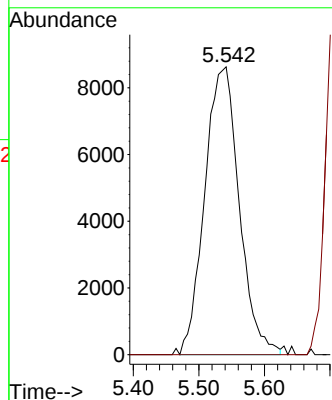
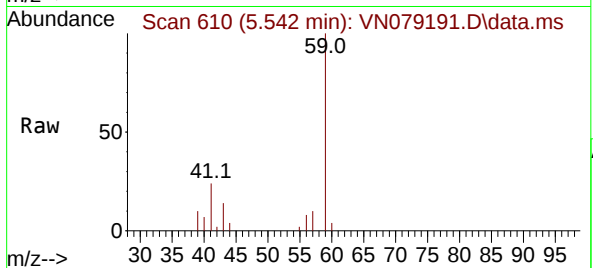
#23
tert-Butyl Alcohol
Concen: 129.573 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion: 59 Resp: 31558
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

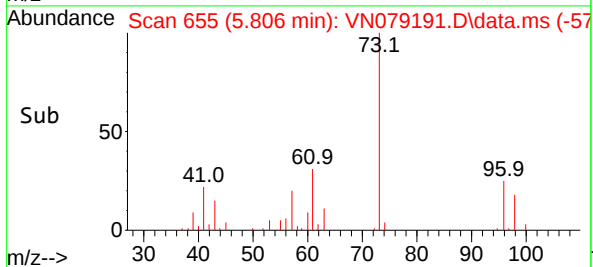
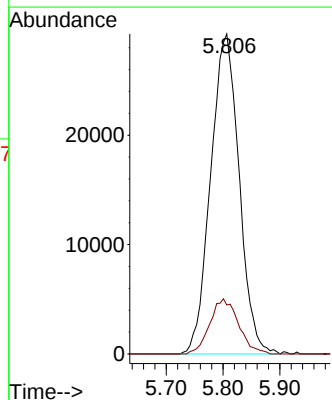
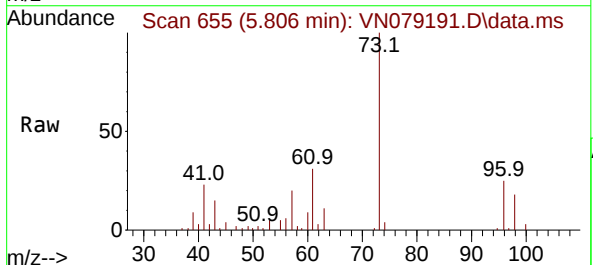
Manual Integrations
APPROVED

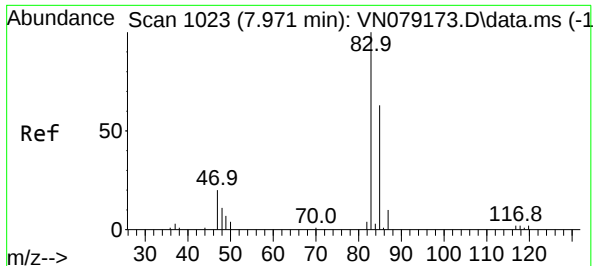
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#24
Methyl tert-Butyl Ether
Concen: 27.874 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 73 Resp: 101868
Ion Ratio Lower Upper
73 100
43 17.3 14.7 22.1





#25

Chloroform

Concen: 19.990 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 83 Resp: 62728

Ion Ratio Lower Upper

83 100

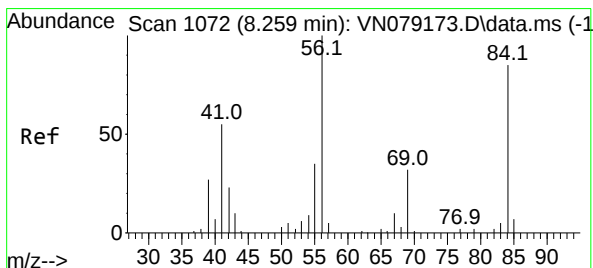
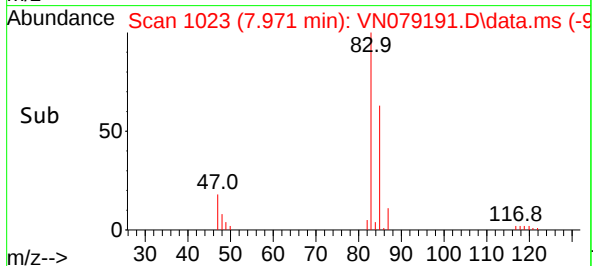
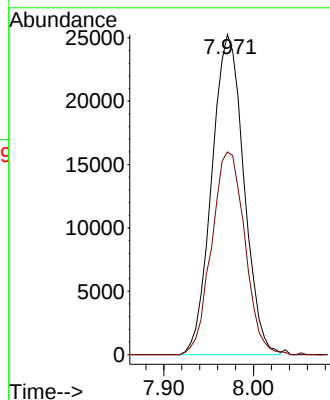
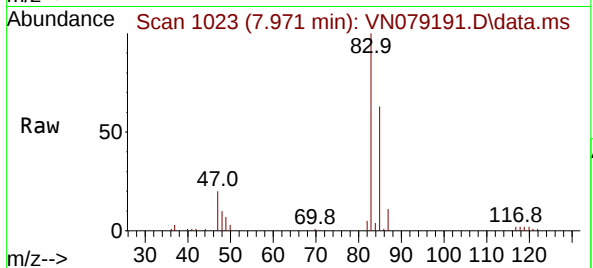
85 63.3 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

Cyclohexane

Concen: 18.518 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

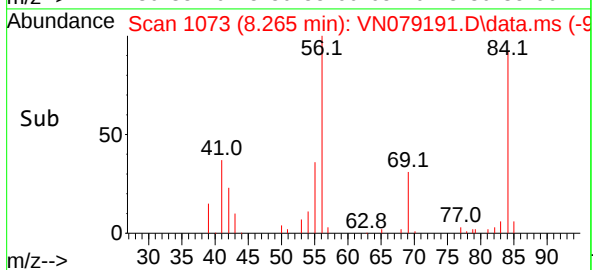
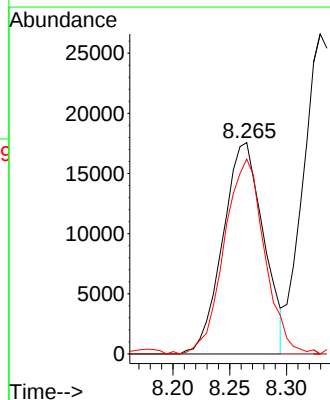
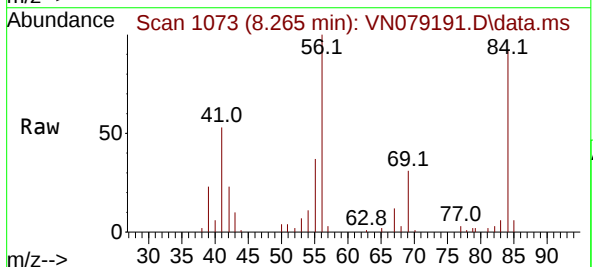
Tgt Ion: 56 Resp: 43698

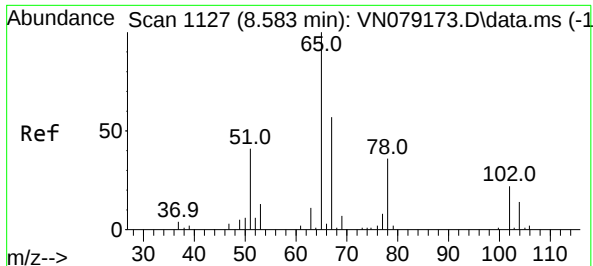
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.2 71.1 106.7





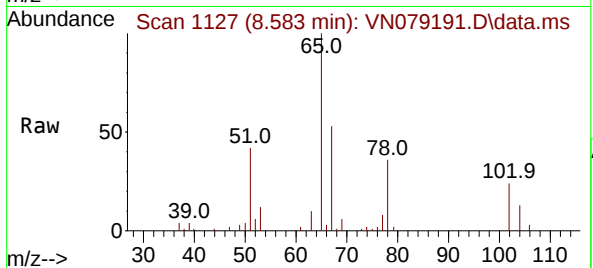
#27
1,2-Dichloroethane-d4
Concen: 29.917 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01



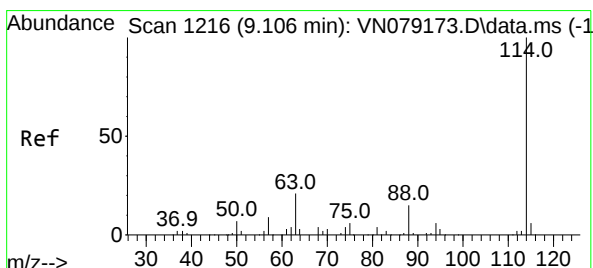
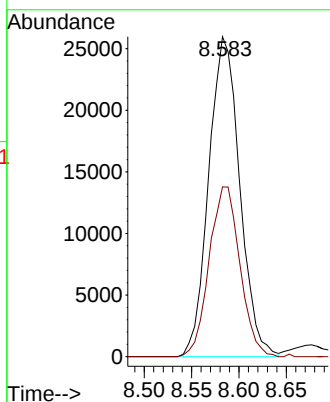
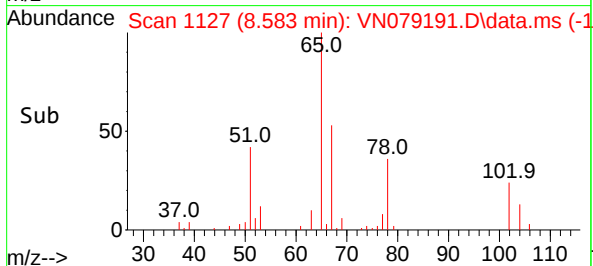
Tgt Ion: 65 Resp: 59170
Ion Ratio Lower Upper
65 100
67 52.6 44.4 66.6

Manual Integrations

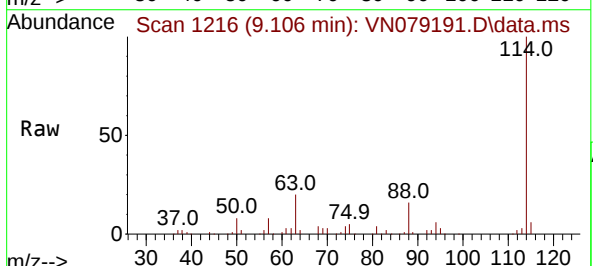
APPROVED

Reviewed By :John Carlone 09/09/2023

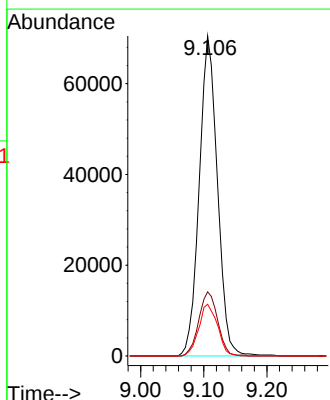
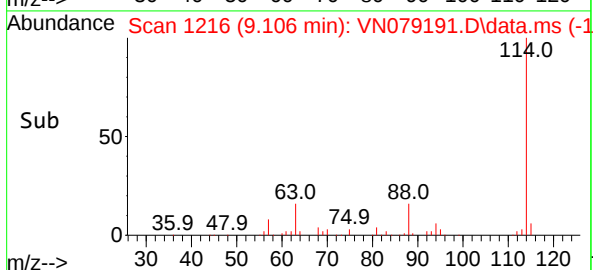
Supervised By :Mahesh Dadoda 09/11/2023

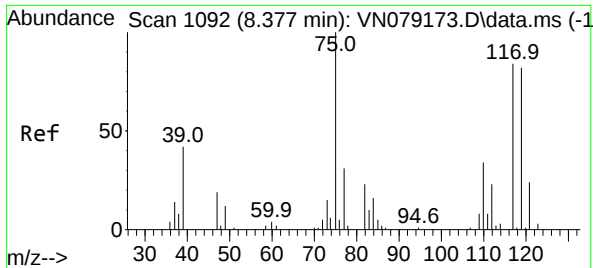


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



Tgt Ion:114 Resp: 141009
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 16.6 12.8 19.2





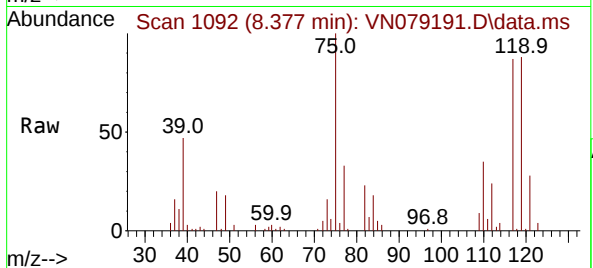
#29
1,1-Dichloropropene
Concen: 19.866 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01



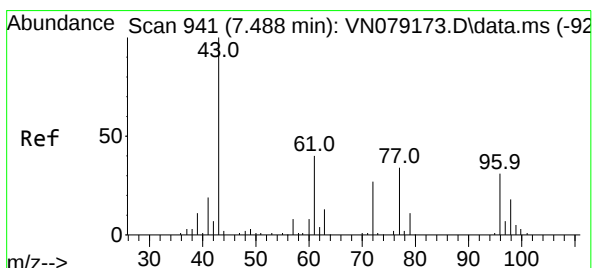
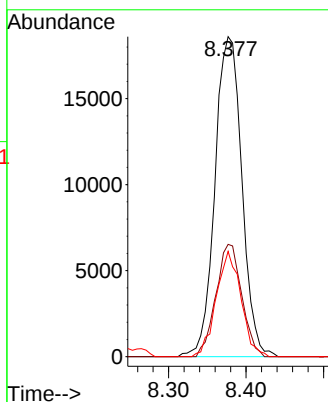
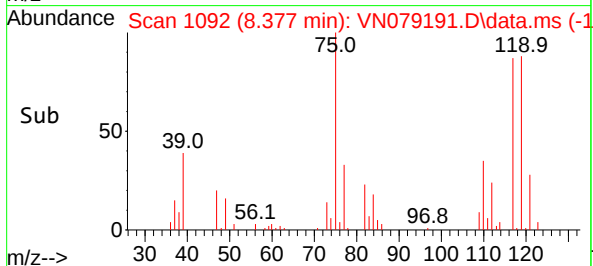
Tgt Ion: 75 Resp: 44914
Ion Ratio Lower Upper
75 100
110 33.6 0.0 68.4
77 30.2 0.0 63.2

Manual Integrations

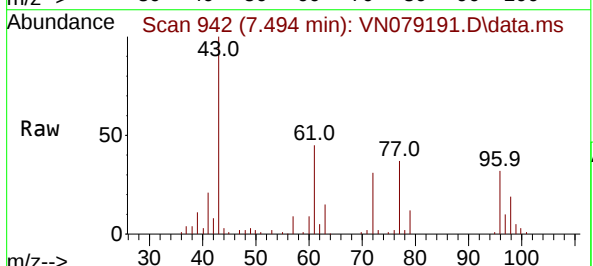
APPROVED

Reviewed By :John Carlone 09/09/2023

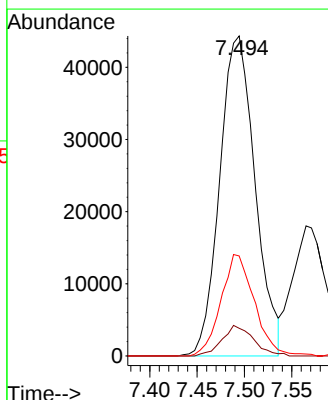
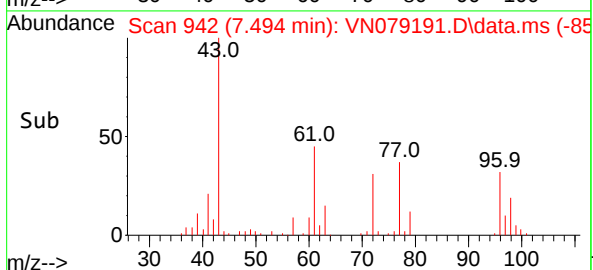
Supervised By :Mahesh Dadoda 09/11/2023

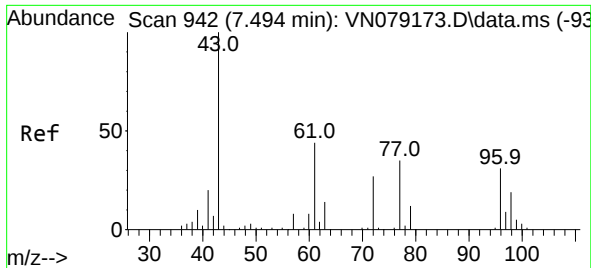


#30
2-Butanone
Concen: 101.596 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



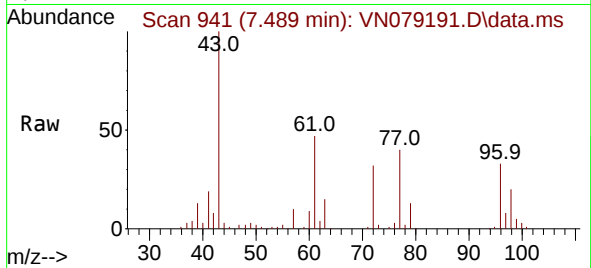
Tgt Ion: 43 Resp: 115529
Ion Ratio Lower Upper
43 100
57 8.5 6.8 10.2
72 30.0 22.4 33.6





#31
2,2-Dichloropropane
Concen: 21.625 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

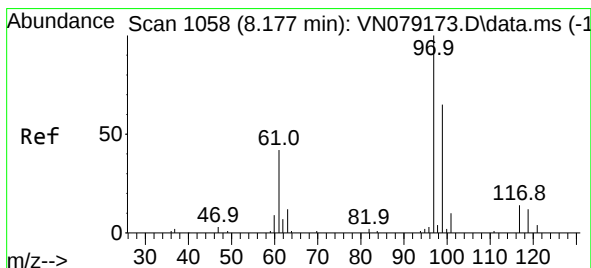
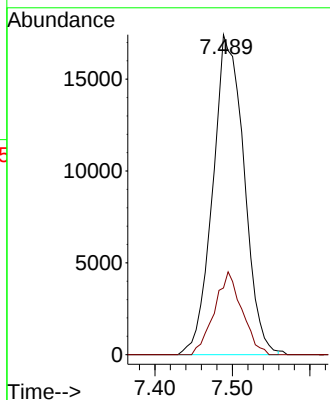
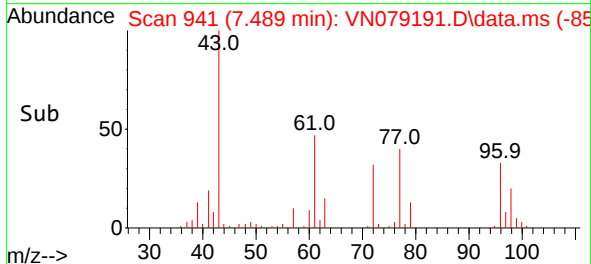
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



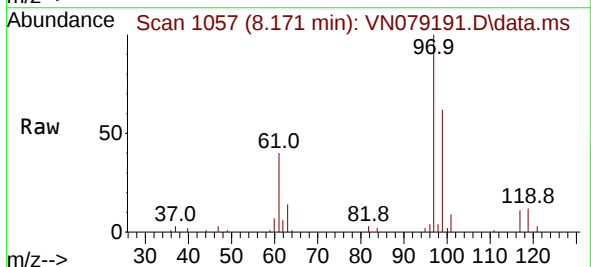
Tgt Ion: 77 Resp: 4876
Ion Ratio Lower Upper
77 100
97 22.8 17.8 26.8

Manual Integrations
APPROVED

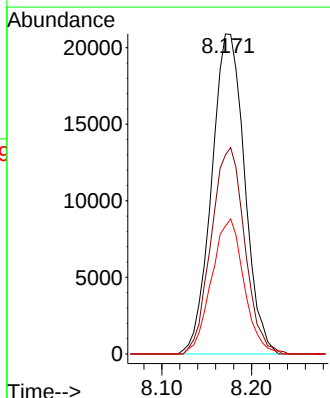
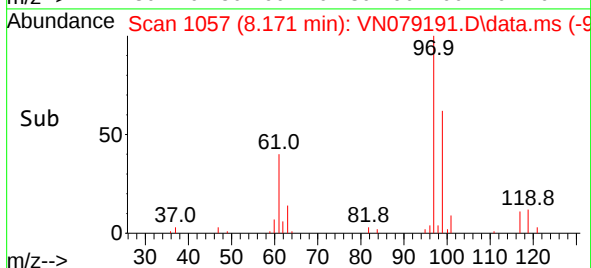
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

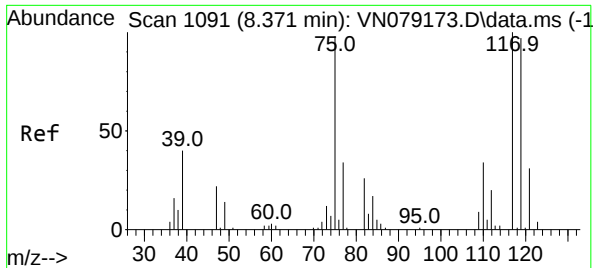


#32
1,1,1-Trichloroethane
Concen: 19.994 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



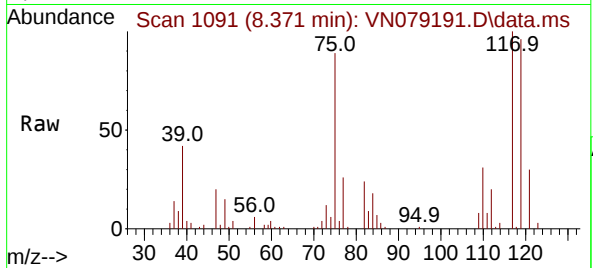
Tgt Ion: 97 Resp: 53255
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 41.4 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.121 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

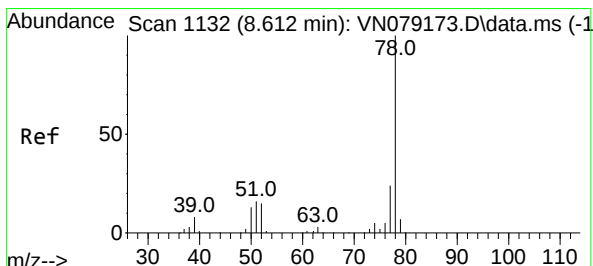
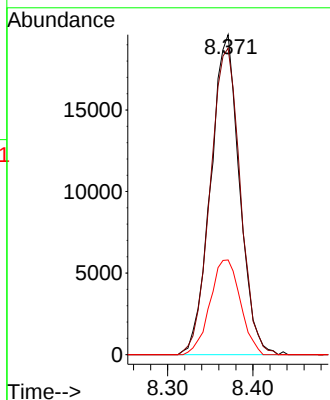
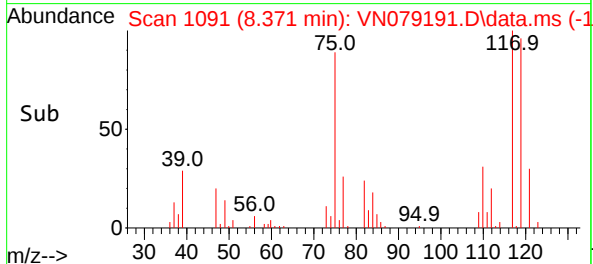
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:117 Resp: 4603
Ion Ratio Lower Upper
117 100
119 95.8 77.9 116.9
121 29.6 25.1 37.7

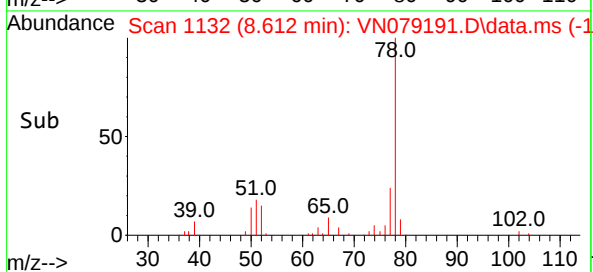
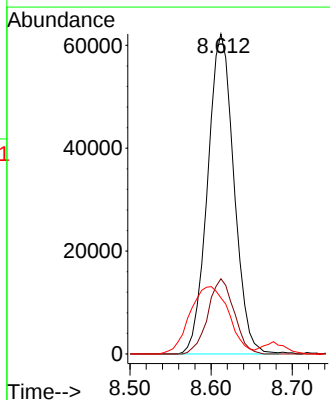
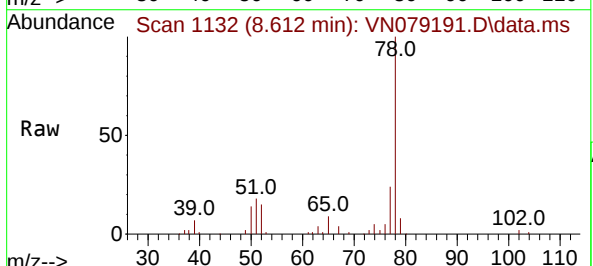
Manual Integrations
APPROVED

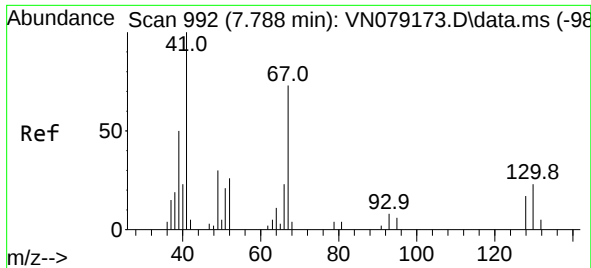
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#34
Benzene
Concen: 19.512 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

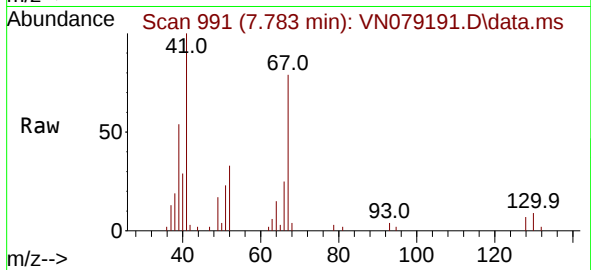
Tgt Ion: 78 Resp: 140156
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3
51 14.8 13.1 19.7





#35
Methacrylonitrile
Concen: 19.370 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

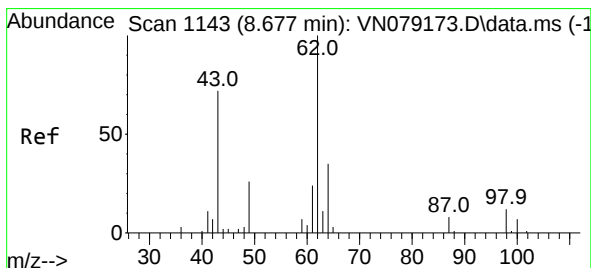
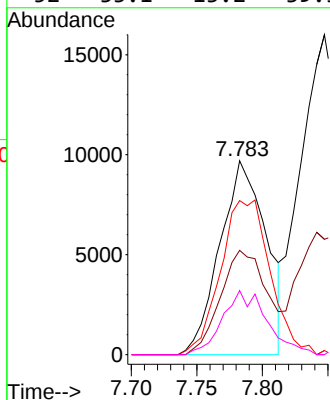
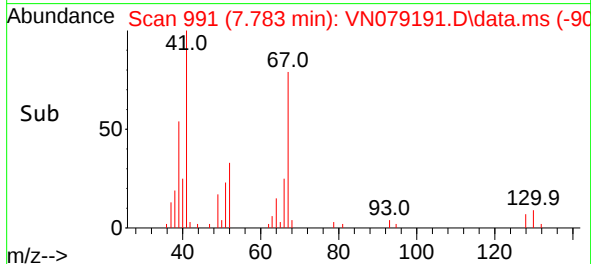
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 41 Resp: 23710
Ion Ratio Lower Upper
41 100
39 53.8 24.9 74.6
67 79.5 36.7 110.1
52 33.1 13.2 39.5

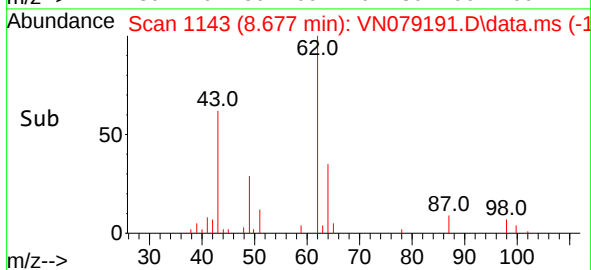
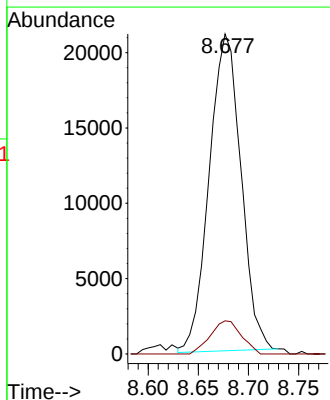
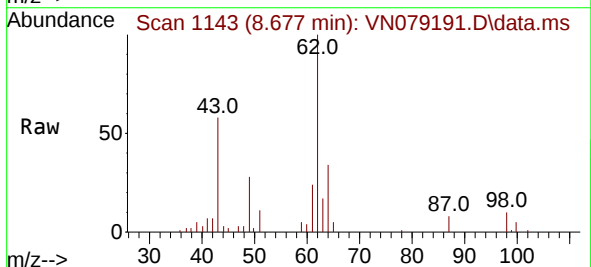
Manual Integrations
APPROVED

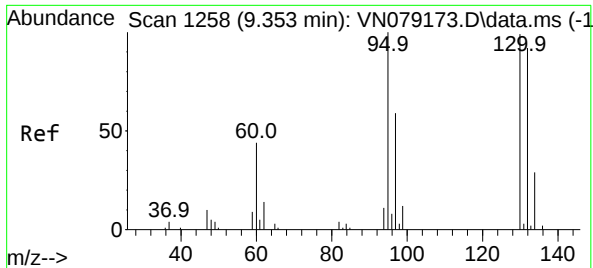
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,2-Dichloroethane
Concen: 19.517 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 62 Resp: 46235
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.2





#37

Trichloroethene

Concen: 20.095 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion:130 Resp: 34118

Ion Ratio Lower Upper

130 100

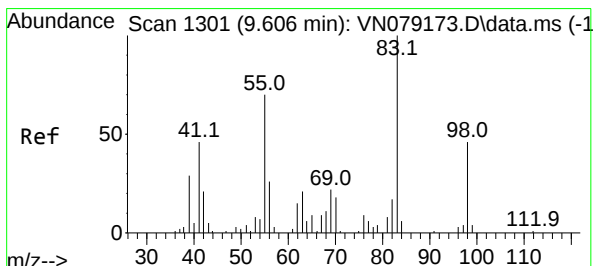
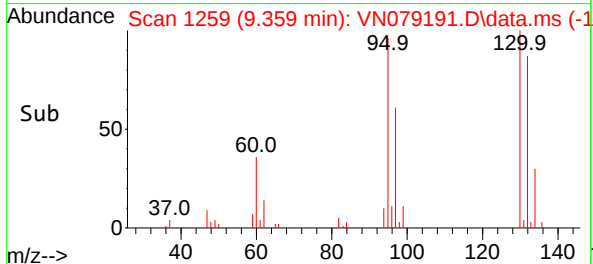
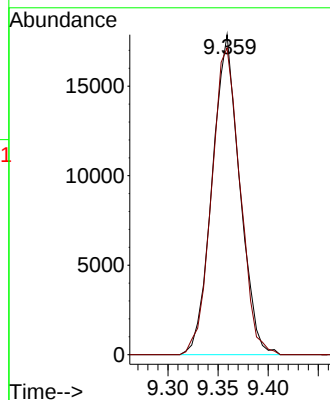
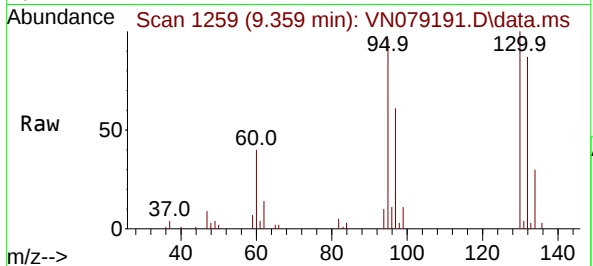
95 95.8 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Methylcyclohexane

Concen: 19.013 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

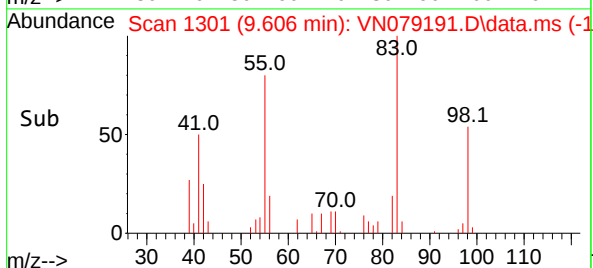
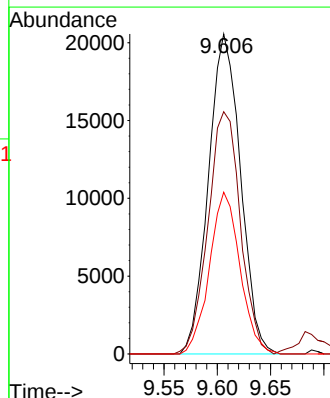
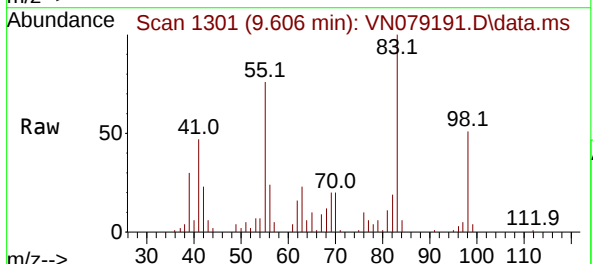
Tgt Ion: 83 Resp: 42973

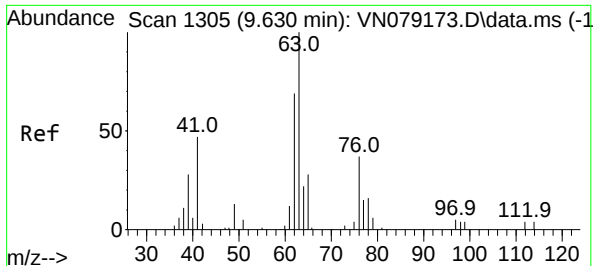
Ion Ratio Lower Upper

83 100

55 76.5 39.1 117.2

98 48.3 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.786 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 63 Resp: 3666

Ion Ratio Lower Upper

63 100

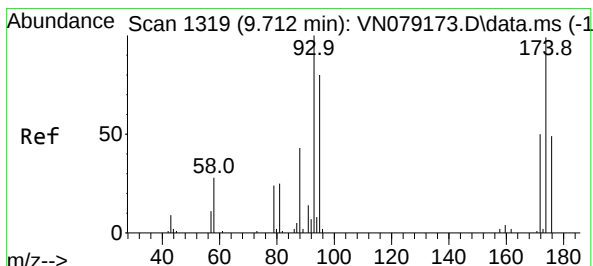
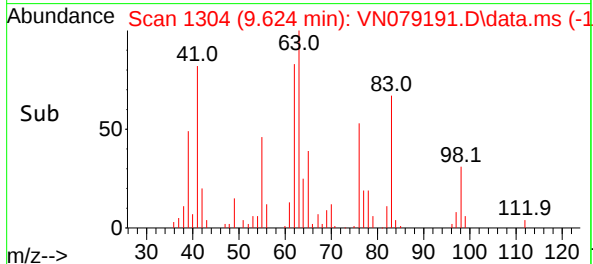
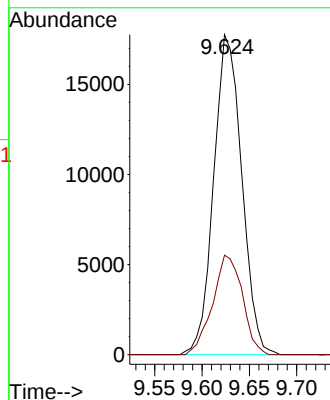
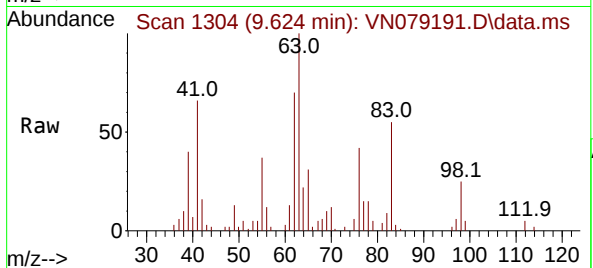
65 31.1 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Dibromomethane

Concen: 20.432 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

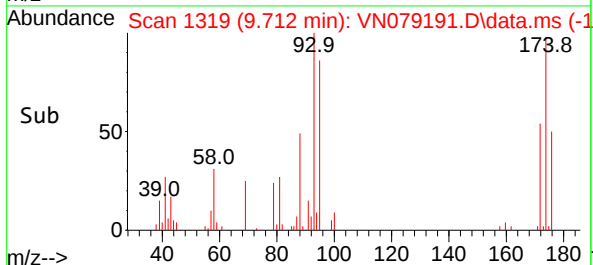
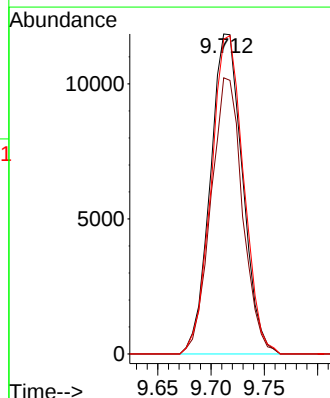
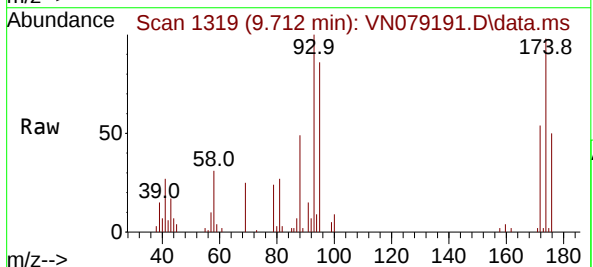
Tgt Ion: 93 Resp: 24966

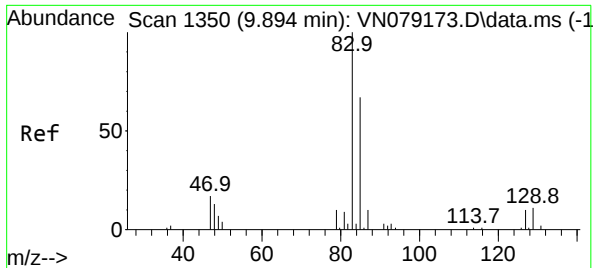
Ion Ratio Lower Upper

93 100

95 84.4 0.0 172.4

174 99.7 0.0 192.4





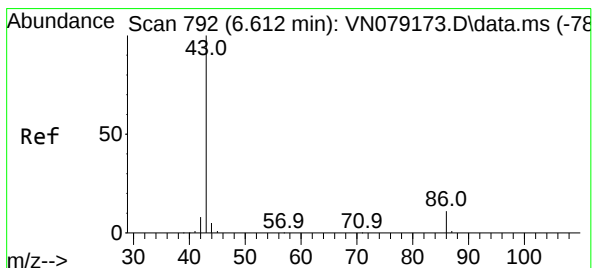
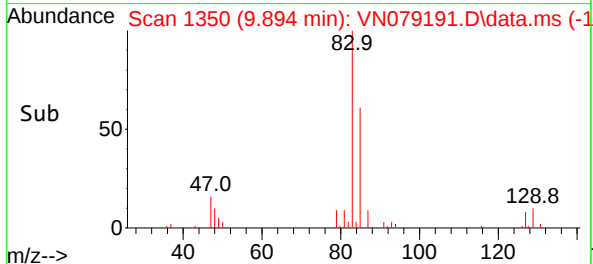
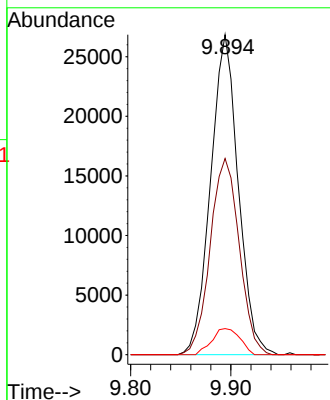
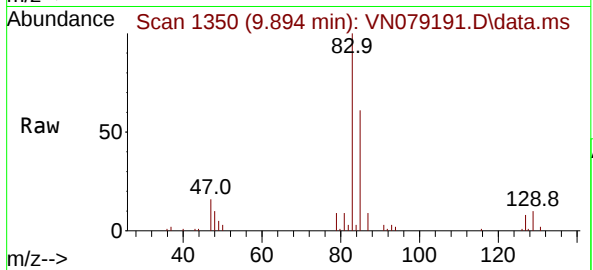
#41
Bromodichloromethane
Concen: 21.091 ug/l
RT: 9.894 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion: 83 Resp: 5137
Ion Ratio Lower Upper
83 100
85 61.3 53.4 80.2
127 8.8 8.3 12.5

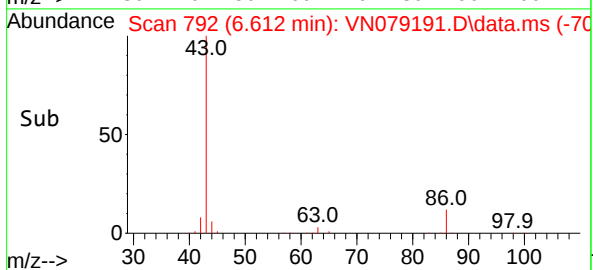
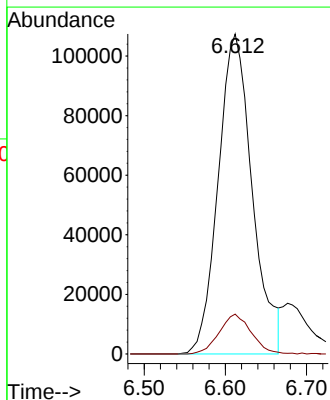
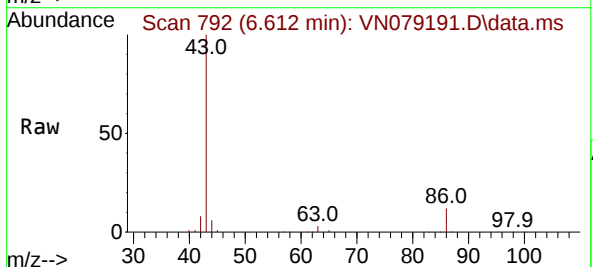
Manual Integrations
APPROVED

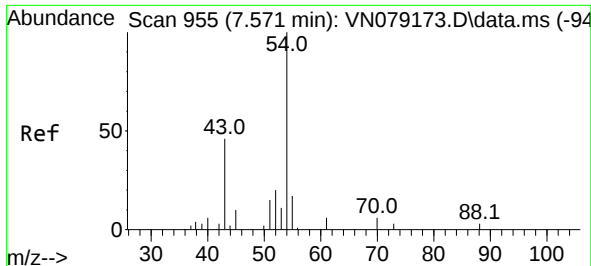
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#42
Vinyl Acetate
Concen: 116.021 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 43 Resp: 313324
Ion Ratio Lower Upper
43 100
86 11.7 9.2 13.8





#43

Ethyl Acetate

Concen: 20.532 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

Tgt Ion: 43 Resp: 4434

Ion Ratio Lower Upper

43 100

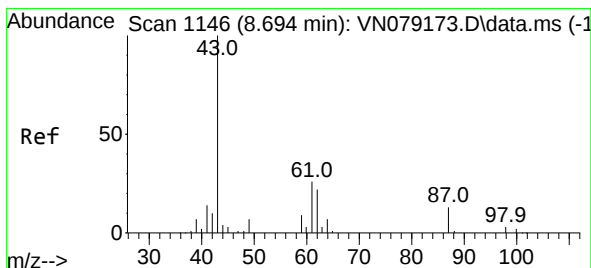
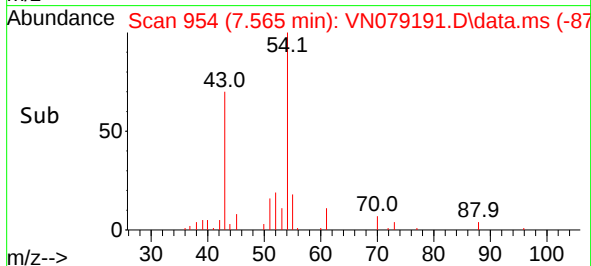
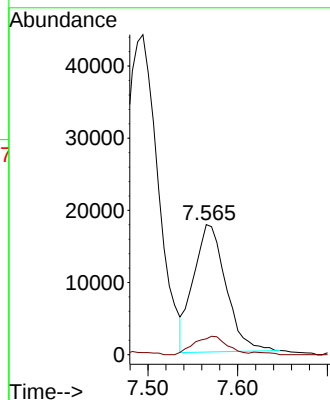
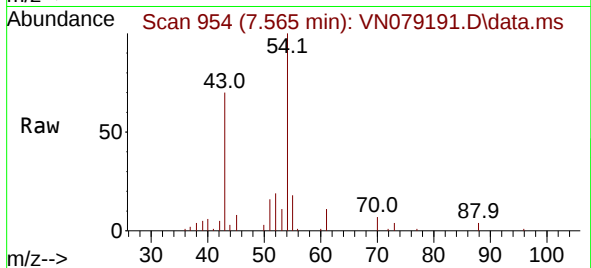
45 14.7 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Isopropyl Acetate

Concen: 18.946 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079191.D

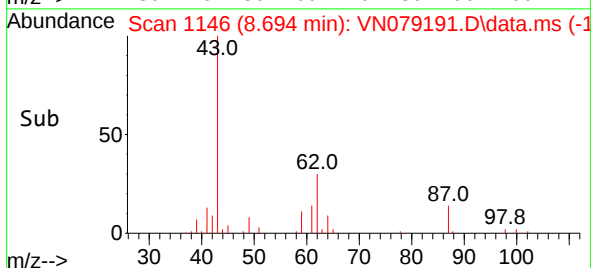
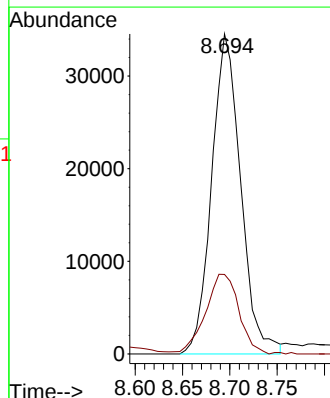
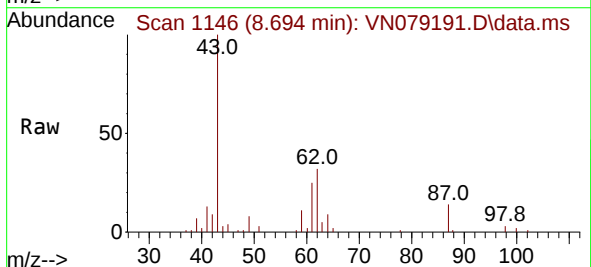
Acq: 08 Sep 2023 12:26

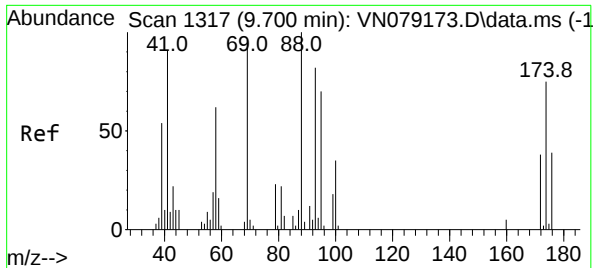
Tgt Ion: 43 Resp: 73604

Ion Ratio Lower Upper

43 100

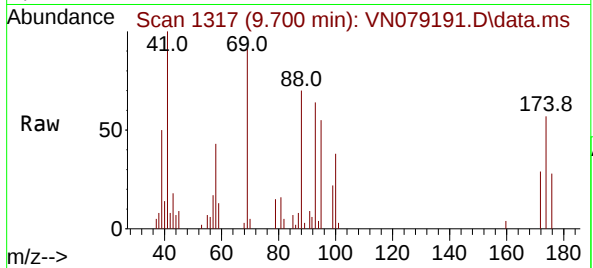
61 28.6 22.6 33.8





#45
1,4-Dioxane
Concen: 406.455 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

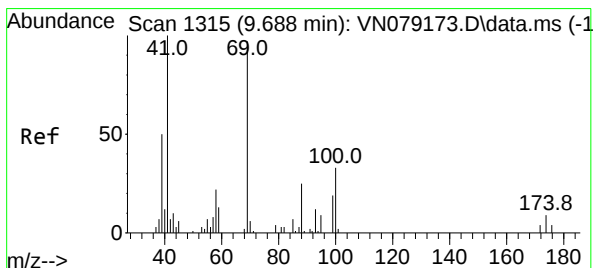
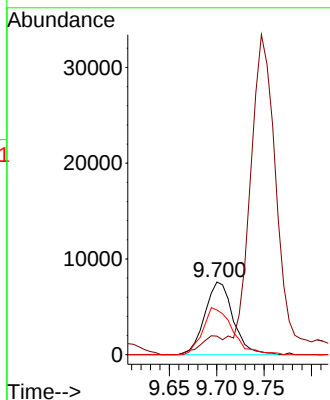
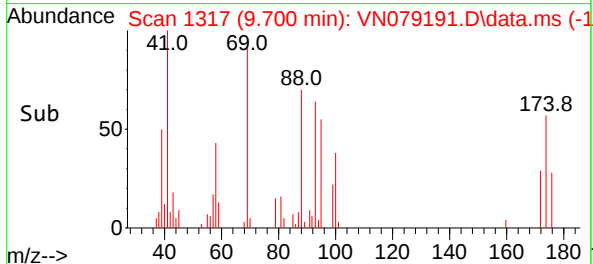
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 88 Resp: 15718
Ion Ratio Lower Upper
88 100
43 20.6 19.9 29.9
58 65.5 58.0 87.0

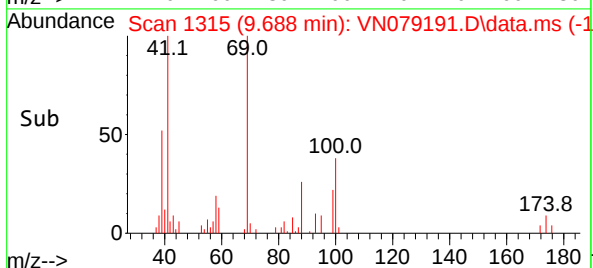
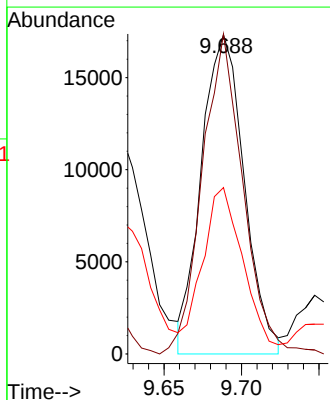
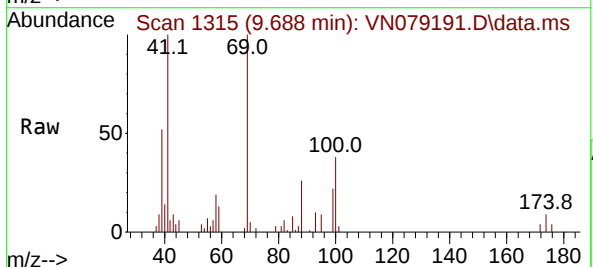
Manual Integrations
APPROVED

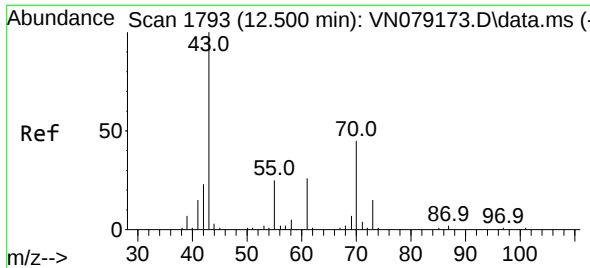
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#46
Methyl methacrylate
Concen: 19.147 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

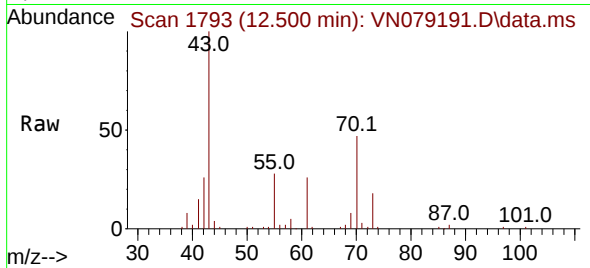
Tgt Ion: 41 Resp: 33233
Ion Ratio Lower Upper
41 100
69 100.9 48.1 144.3
39 51.8 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.683 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

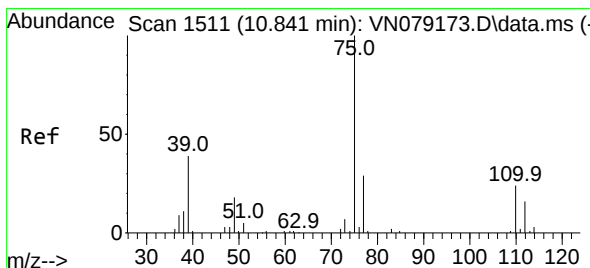
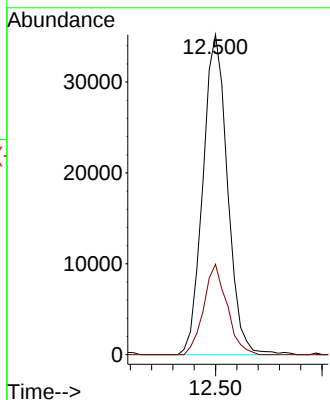
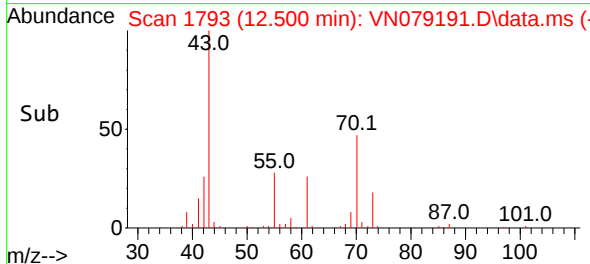
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 43 Resp: 56512
Ion Ratio Lower Upper
43 100
55 26.8 20.5 30.7

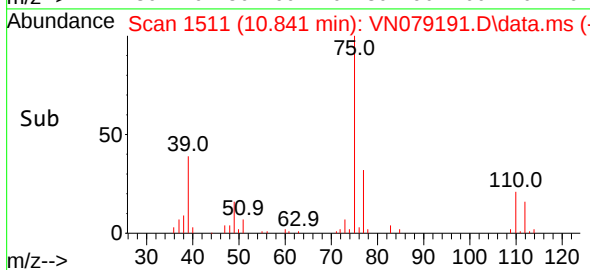
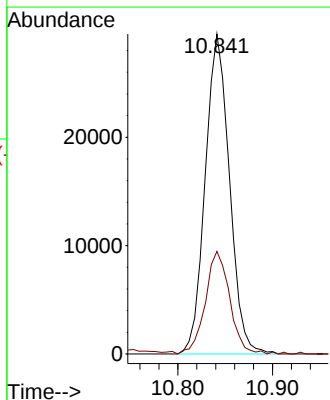
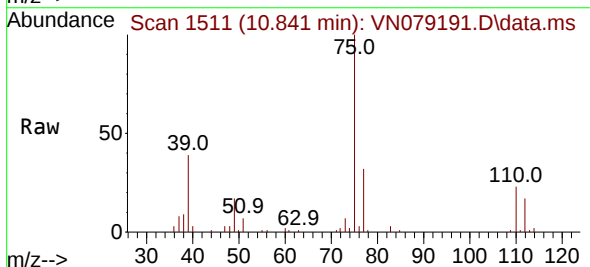
Manual Integrations
APPROVED

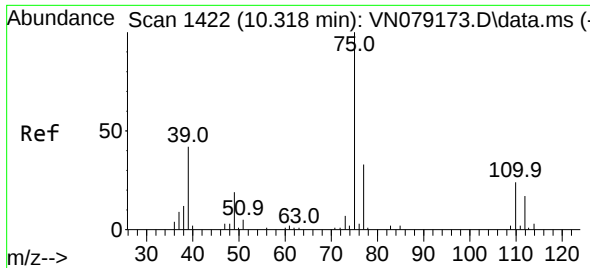
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
t-1,3-Dichloropropene
Concen: 19.921 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

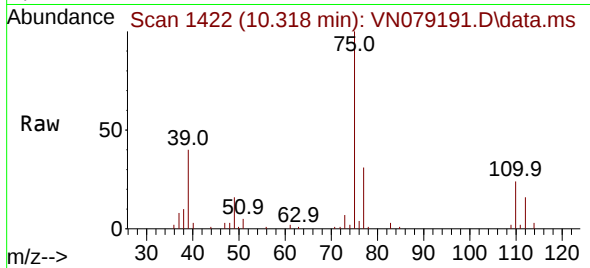
Tgt Ion: 75 Resp: 52497
Ion Ratio Lower Upper
75 100
77 32.0 22.9 34.3





#49
cis-1,3-Dichloropropene
Concen: 21.281 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

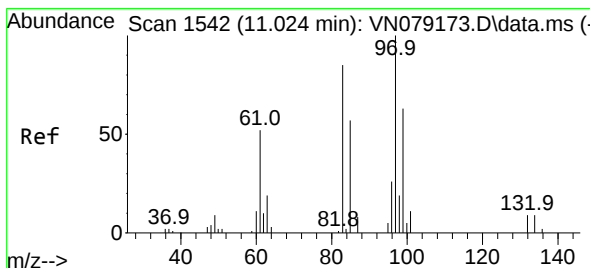
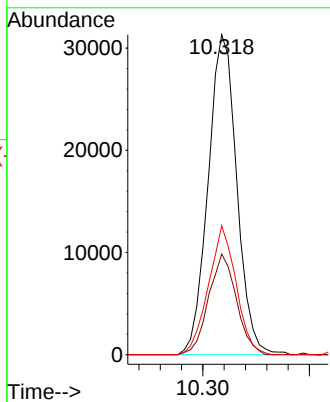
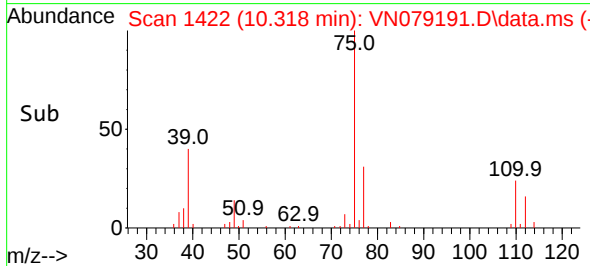
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 75 Resp: 5849
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
39 40.3 33.8 50.8

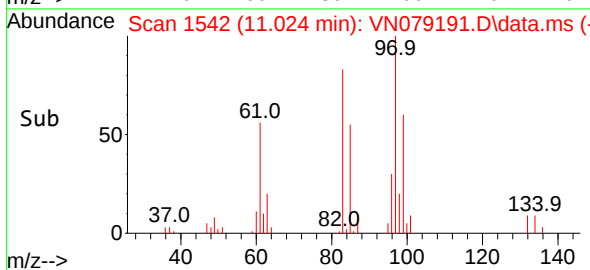
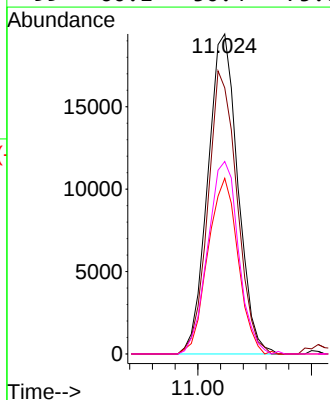
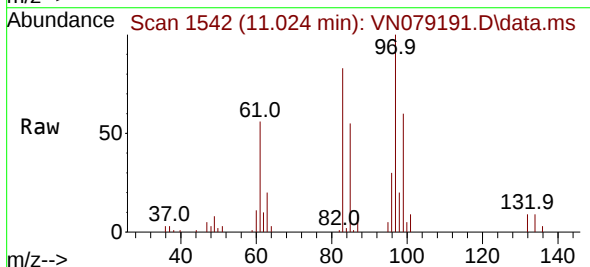
Manual Integrations
APPROVED

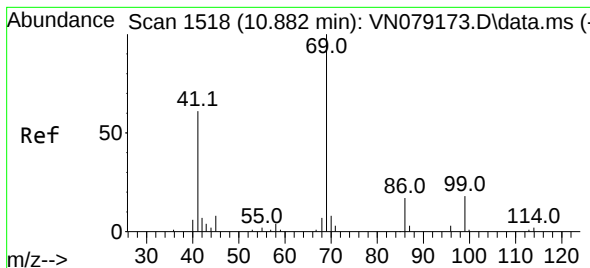
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#50
1,1,2-Trichloroethane
Concen: 20.822 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

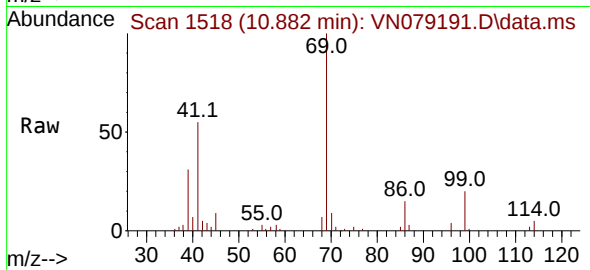
Tgt Ion: 97 Resp: 35693
Ion Ratio Lower Upper
97 100
83 83.2 68.9 103.3
85 54.9 45.3 67.9
99 60.1 50.4 75.6





#51
Ethyl methacrylate
Concen: 20.394 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

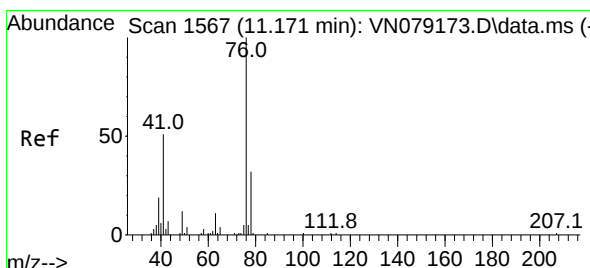
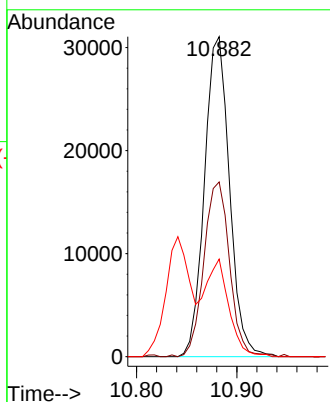
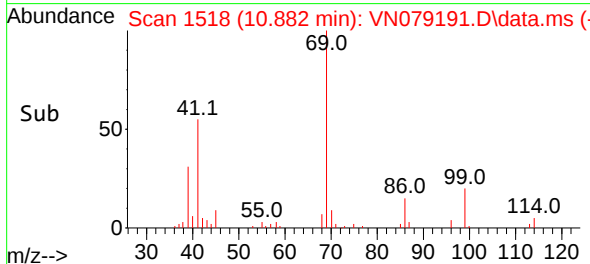
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



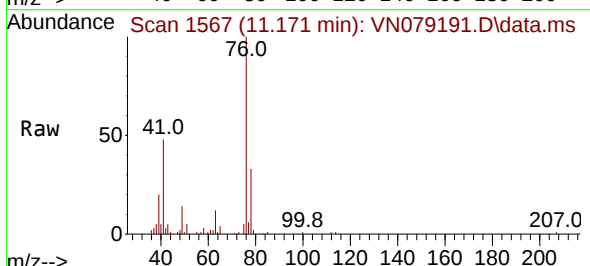
Tgt Ion: 69 Resp: 53989
Ion Ratio Lower Upper
69 100
41 54.6 30.3 90.9
39 30.5 13.4 40.1

Manual Integrations
APPROVED

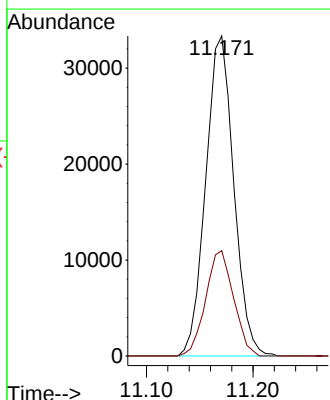
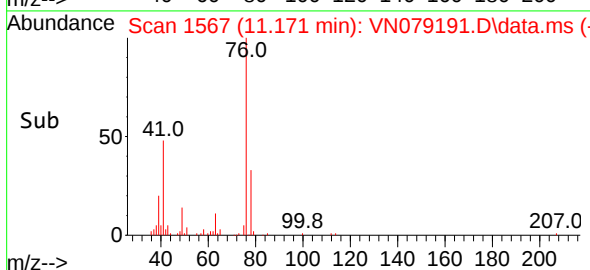
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

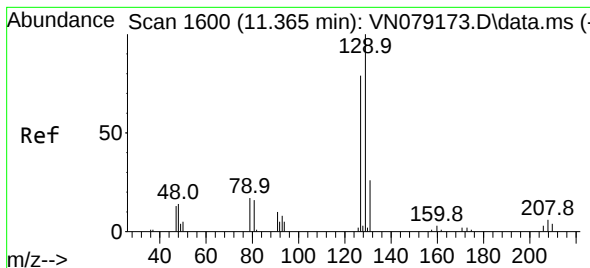


#52
1,3-Dichloropropane
Concen: 20.877 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



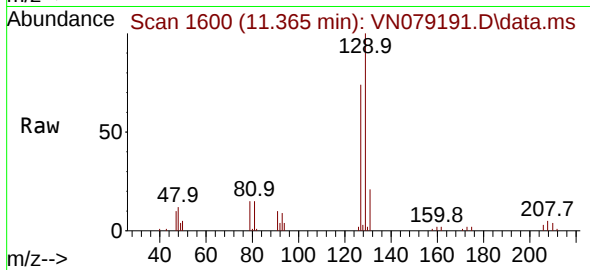
Tgt Ion: 76 Resp: 61095
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





#53
Dibromochloromethane
Concen: 21.334 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

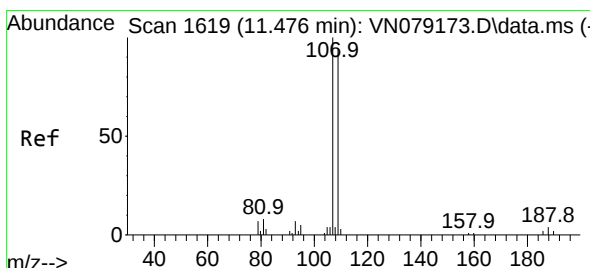
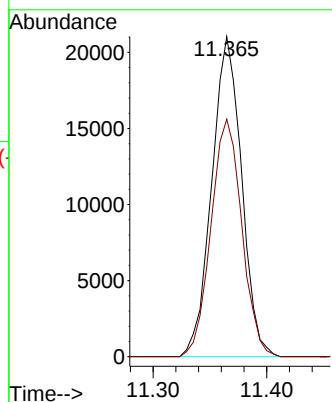
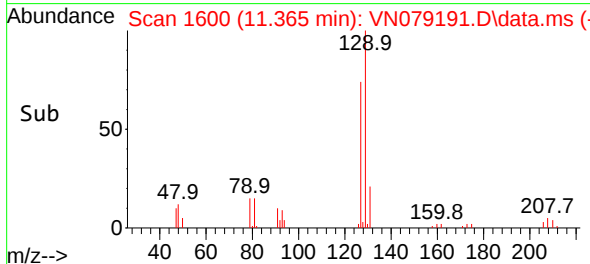
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



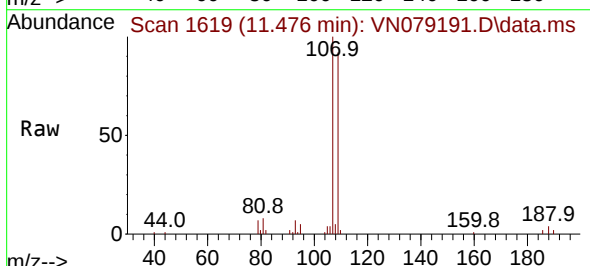
Tgt Ion:129 Resp: 38350
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

Manual Integrations
APPROVED

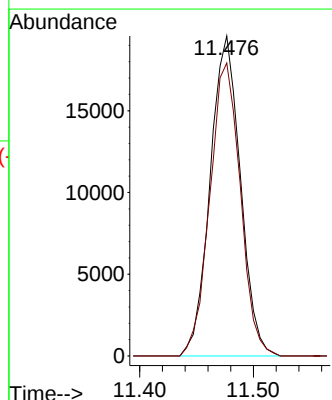
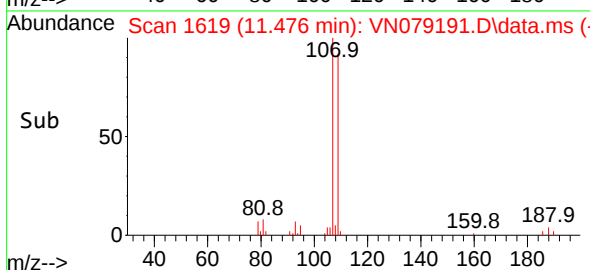
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

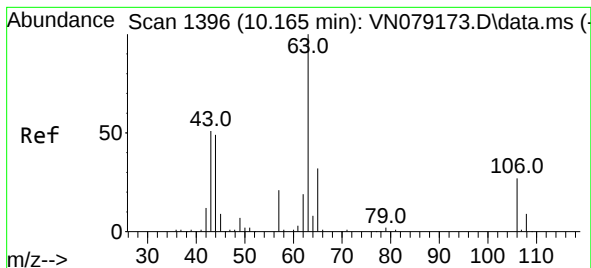


#54
1,2-Dibromoethane
Concen: 20.778 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



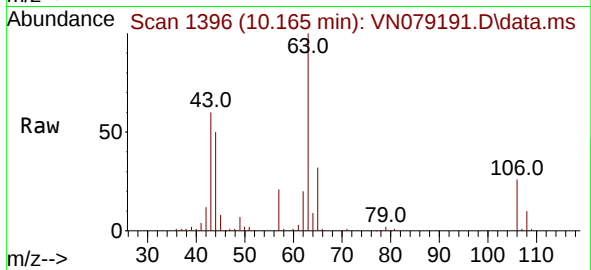
Tgt Ion:107 Resp: 36167
Ion Ratio Lower Upper
107 100
109 92.5 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 110.452 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

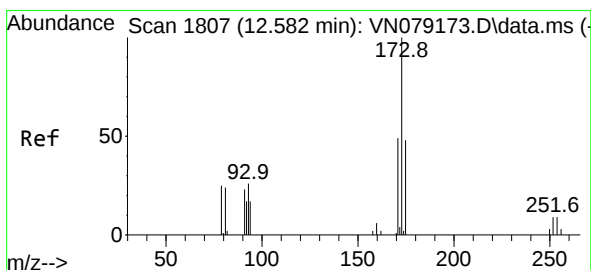
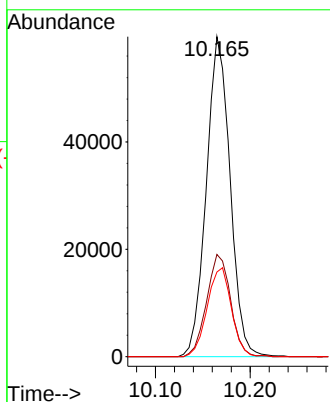
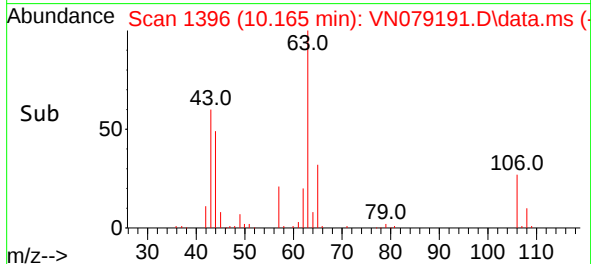
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 63 Resp: 103898
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.2 21.9 32.9

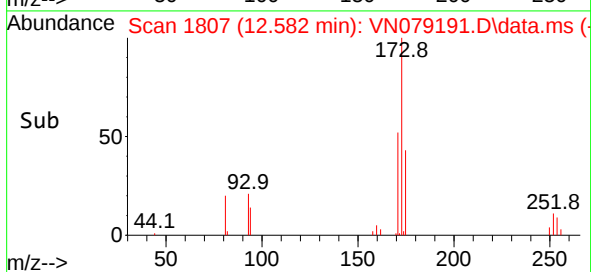
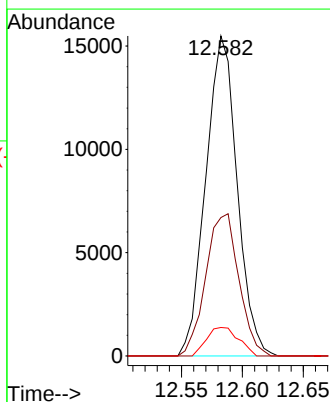
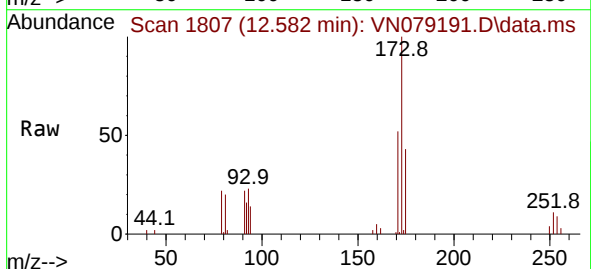
Manual Integrations
APPROVED

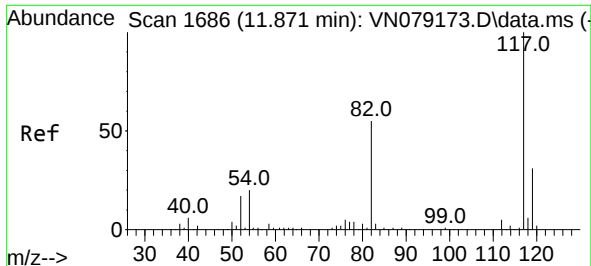
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
Bromoform
Concen: 22.124 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion:173 Resp: 27717
Ion Ratio Lower Upper
173 100
175 46.9 37.6 56.4
254 9.1 7.8 11.8





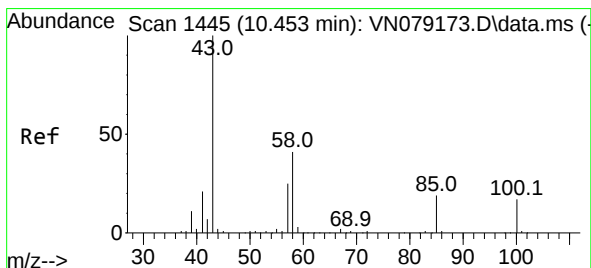
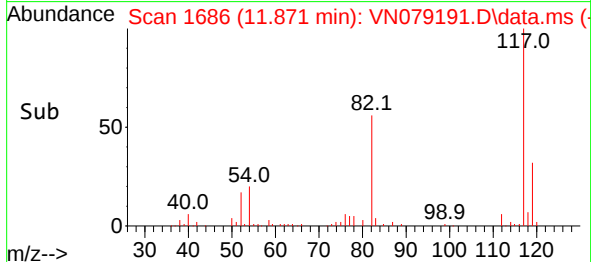
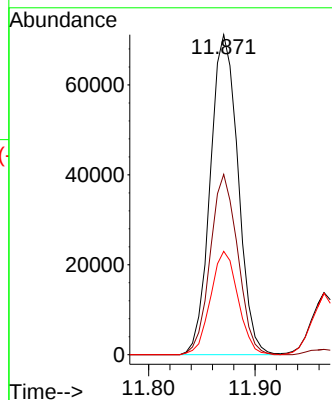
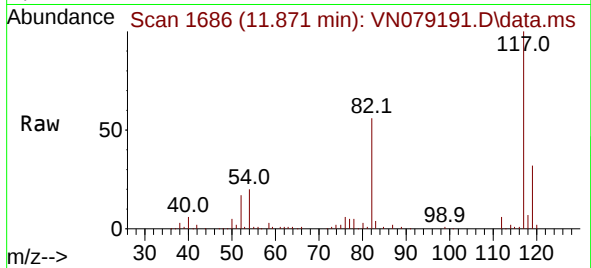
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:117 Resp: 128952
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.0 24.9 37.3

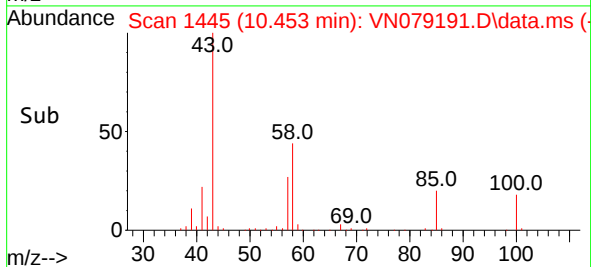
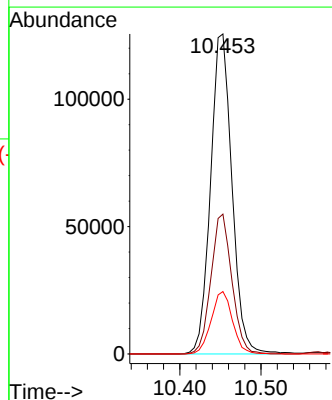
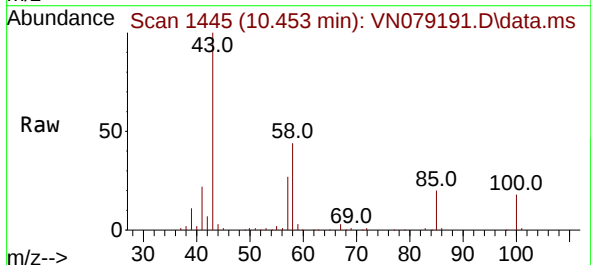
Manual Integrations
APPROVED

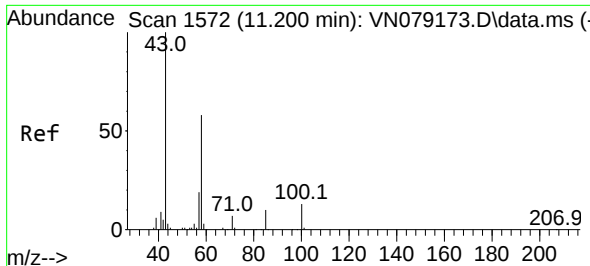
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#58
4-Methyl-2-Pentanone
Concen: 97.280 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

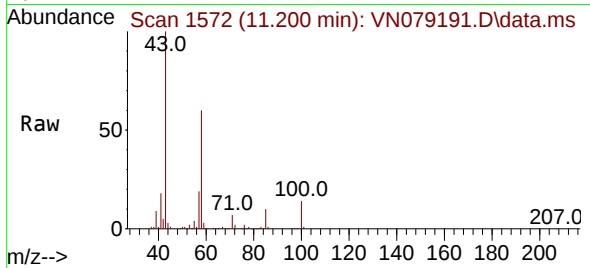
Tgt Ion: 43 Resp: 230199
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4
85 19.4 15.0 22.4





#59
2-Hexanone
Concen: 101.290 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

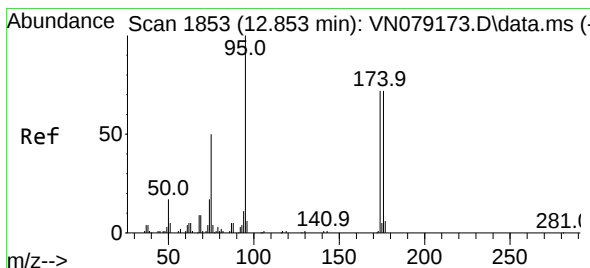
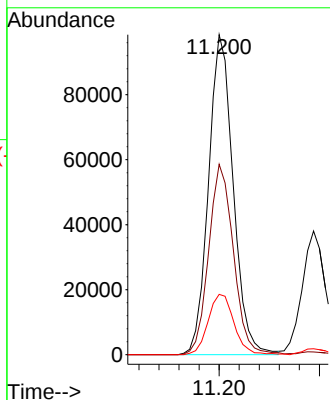
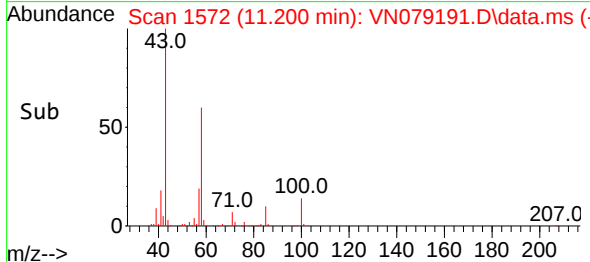
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 43 Resp: 168330
Ion Ratio Lower Upper
43 100
58 59.8 46.4 69.6
57 19.8 15.3 22.9

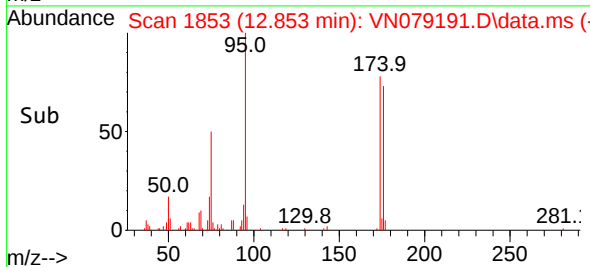
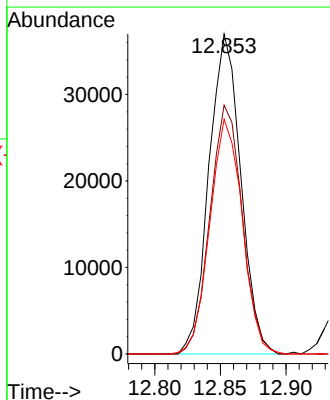
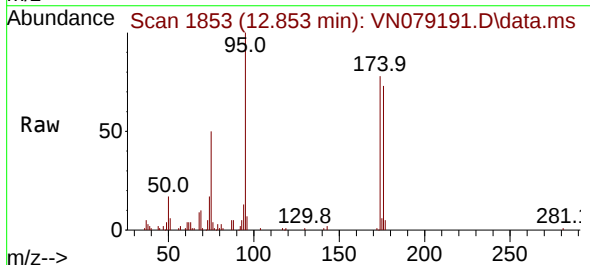
Manual Integrations
APPROVED

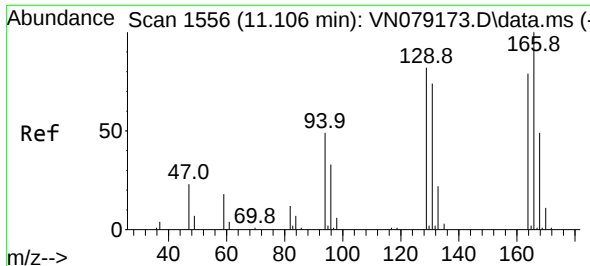
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
4-Bromofluorobenzene
Concen: 32.850 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

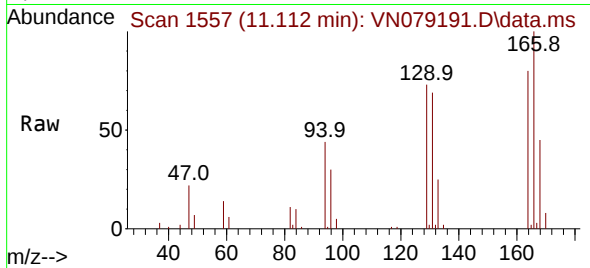
Tgt Ion: 95 Resp: 62416
Ion Ratio Lower Upper
95 100
174 78.7 59.5 89.3
176 74.9 59.1 88.7





#61
Tetrachloroethene
Concen: 20.350 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

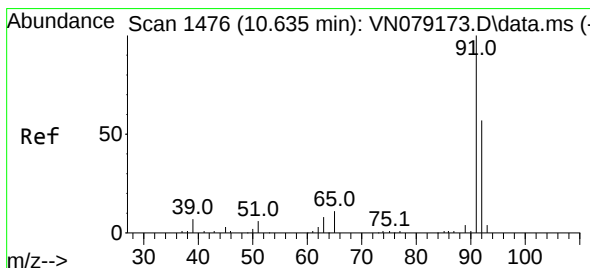
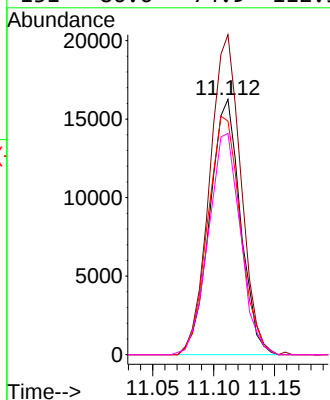
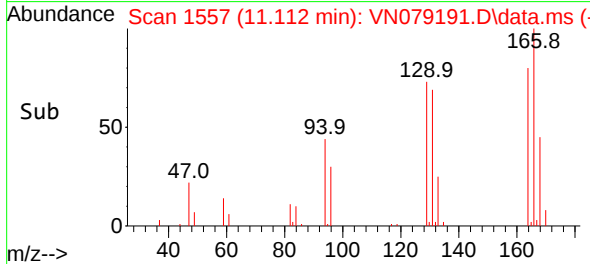
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:164 Resp: 28554
Ion Ratio Lower Upper
164 100
166 125.3 101.9 152.9
129 91.5 83.4 125.0
131 86.6 74.9 112.3

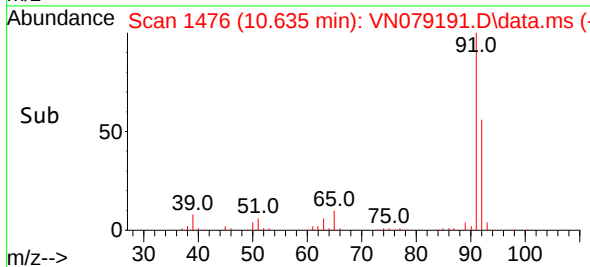
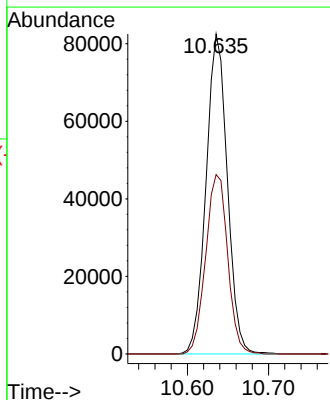
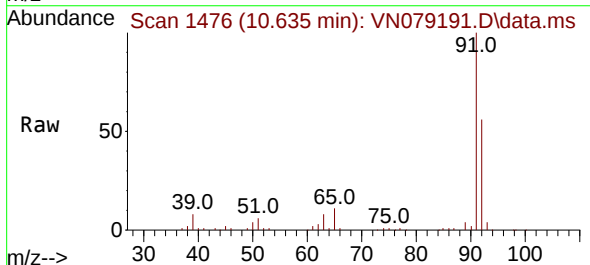
Manual Integrations
APPROVED

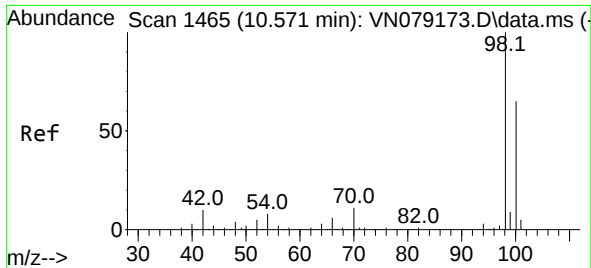
Reviewed By :John Carbone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
Toluene
Concen: 20.012 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

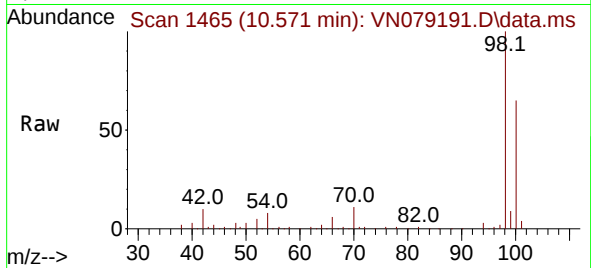
Tgt Ion: 91 Resp: 150258
Ion Ratio Lower Upper
91 100
92 57.9 45.7 68.5





#63
Toluene-d8
Concen: 29.681 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

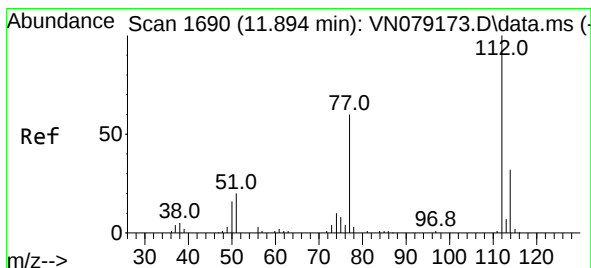
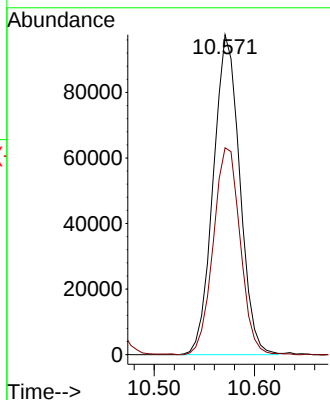
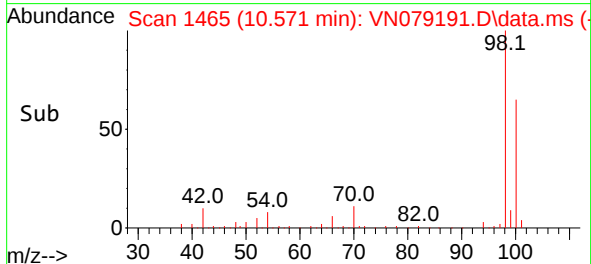
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 98 Resp: 17886
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

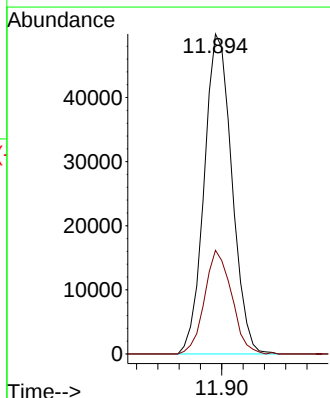
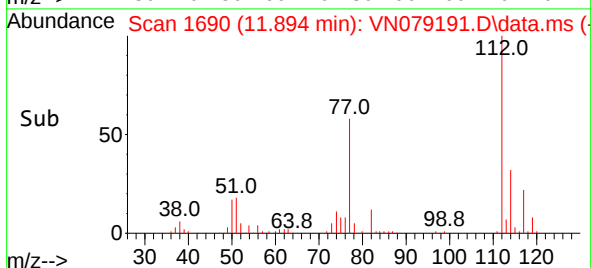
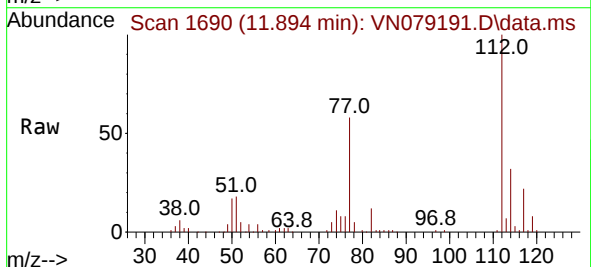
Manual Integrations
APPROVED

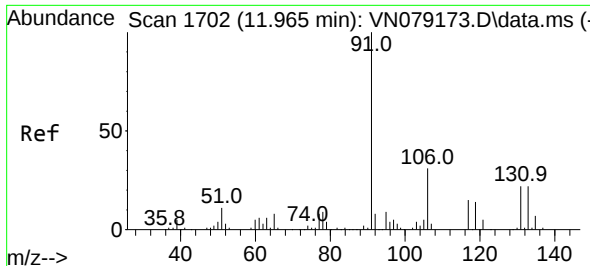
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Chlorobenzene
Concen: 20.579 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

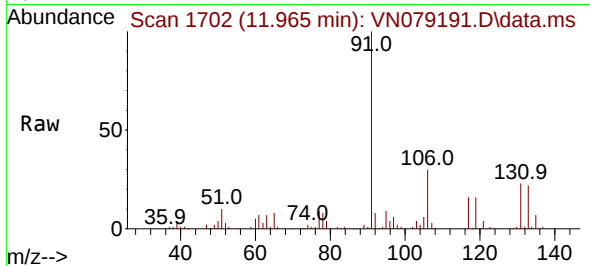
Tgt Ion:112 Resp: 90139
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.916 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

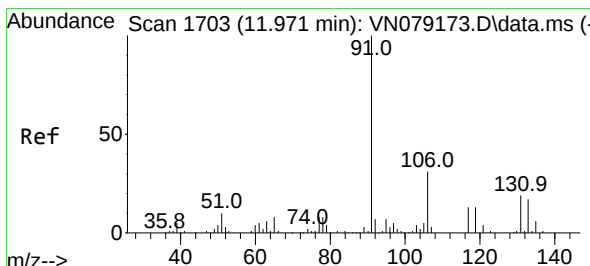
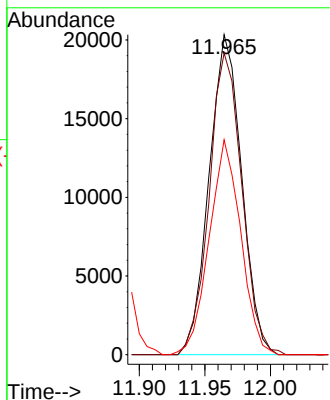
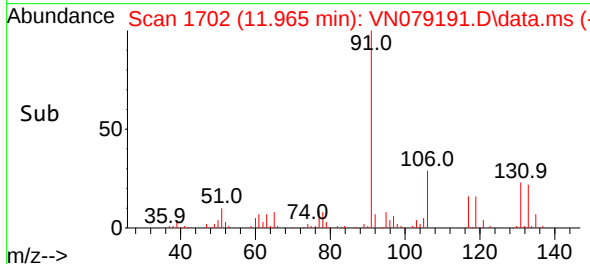
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



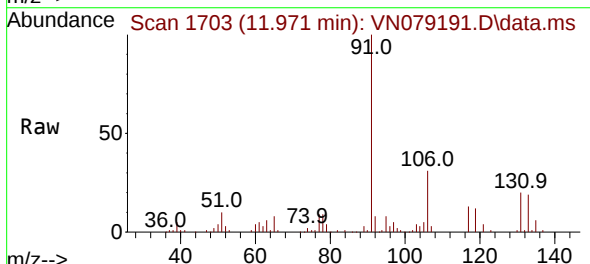
Tgt Ion:131 Resp: 35074
Ion Ratio Lower Upper
131 100
133 94.8 0.0 193.0
119 65.2 0.0 131.2

Manual Integrations
APPROVED

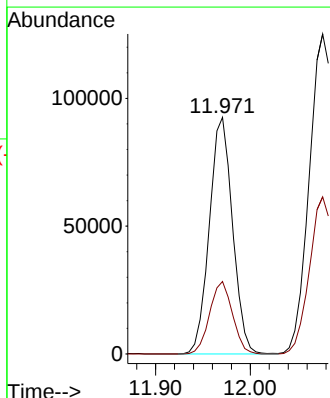
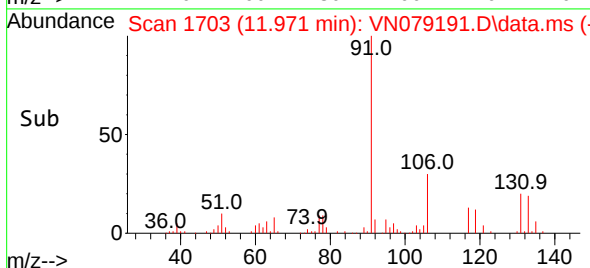
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

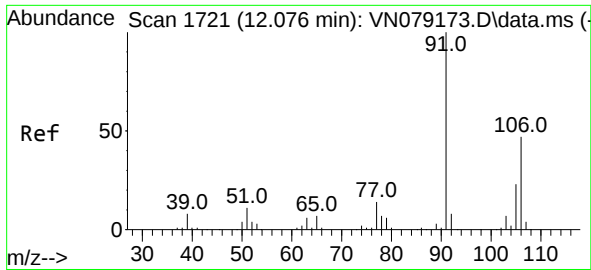


#66
Ethyl Benzene
Concen: 20.797 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



Tgt Ion: 91 Resp: 157224
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6





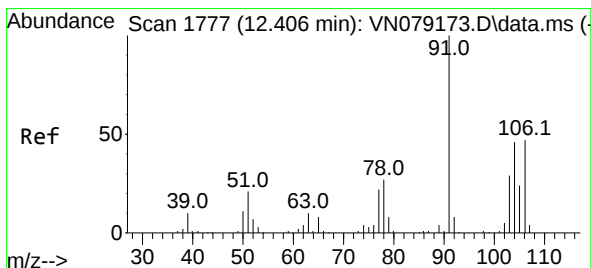
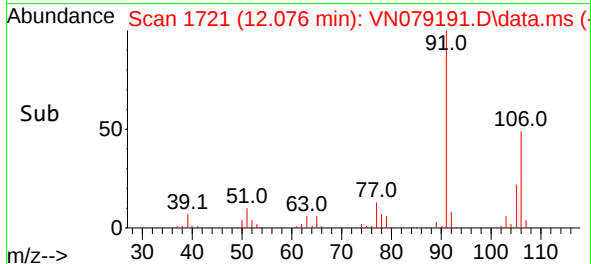
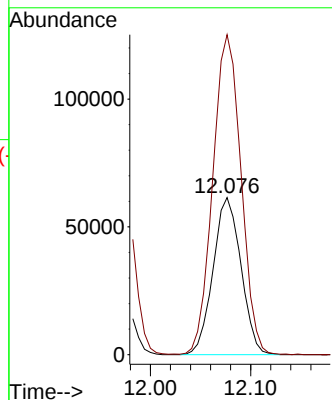
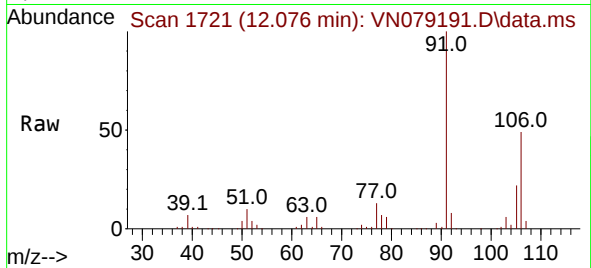
#67
m/p-Xylenes
Concen: 41.795 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:106 Resp: 11888
Ion Ratio Lower Upper
106 100
91 206.1 165.2 247.8

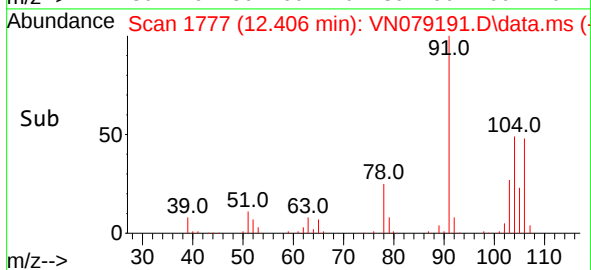
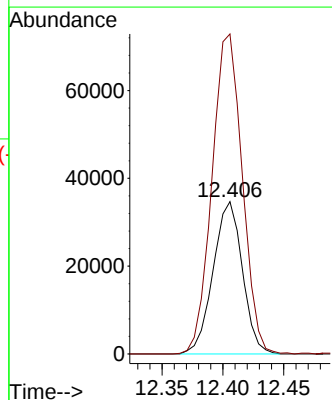
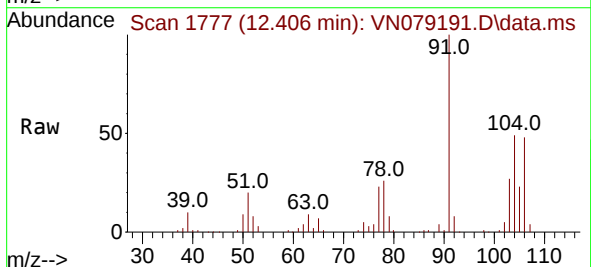
Manual Integrations
APPROVED

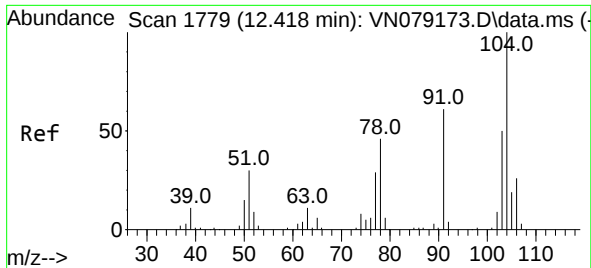
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#68
o-Xylene
Concen: 21.153 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion:106 Resp: 58030
Ion Ratio Lower Upper
106 100
91 217.1 109.7 329.1





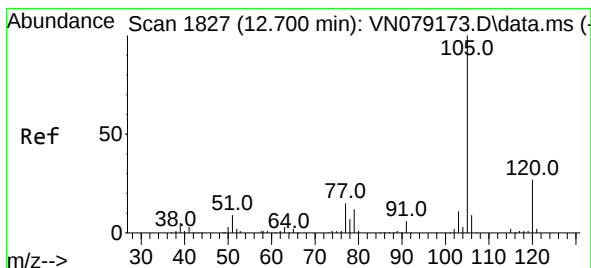
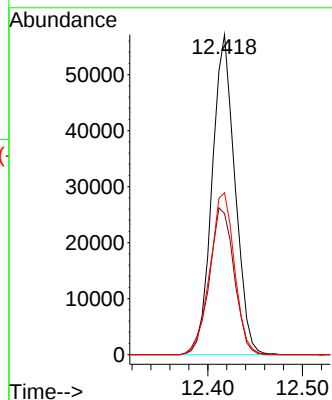
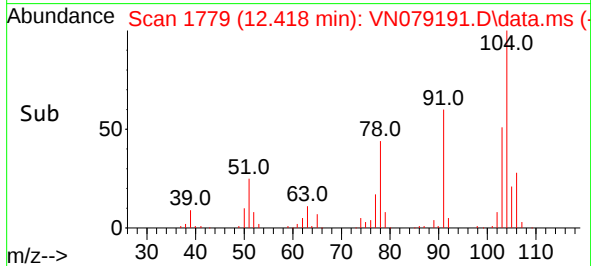
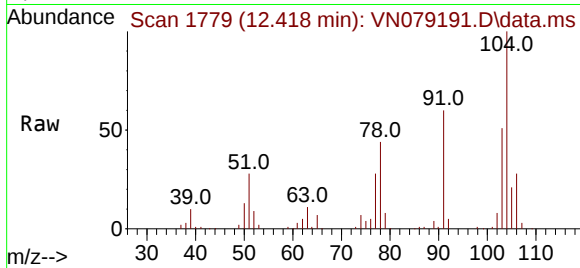
#69
Styrene
Concen: 21.840 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion:104 Resp: 95562
Ion Ratio Lower Upper
104 100
78 50.1 40.5 60.7
103 54.3 43.3 64.9

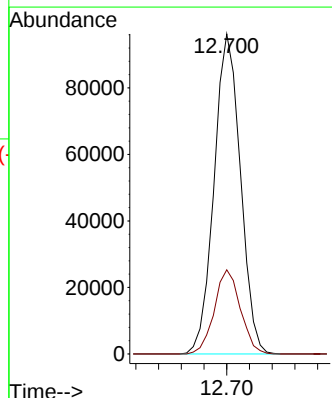
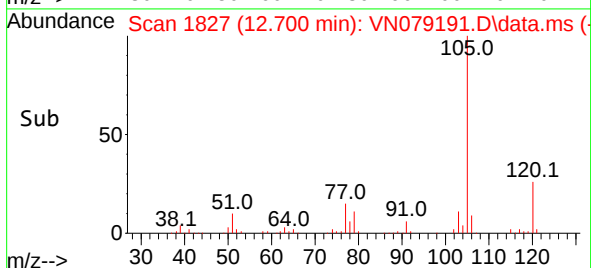
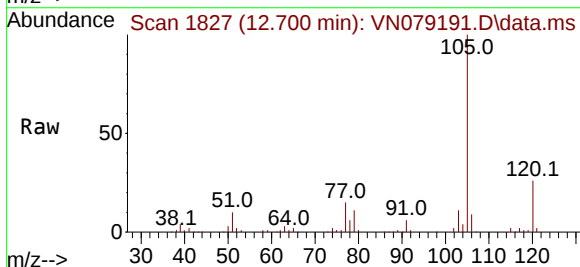
Manual Integrations
APPROVED

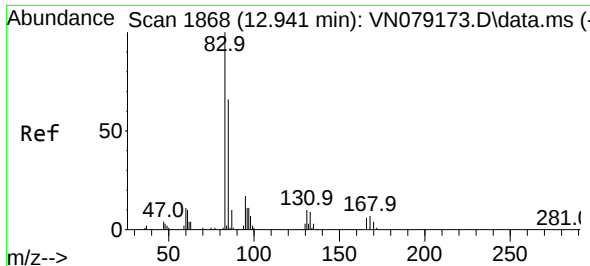
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Isopropylbenzene
Concen: 22.213 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

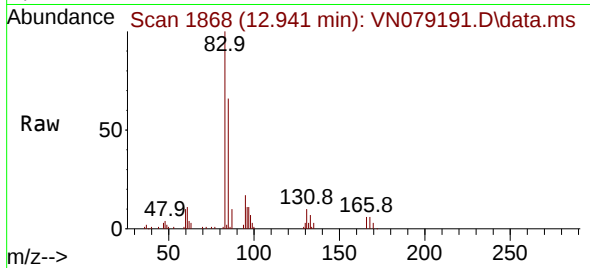
Tgt Ion:105 Resp: 154889
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.359 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

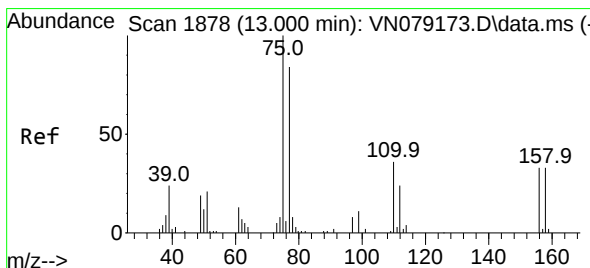
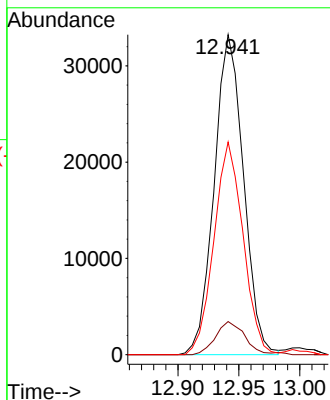
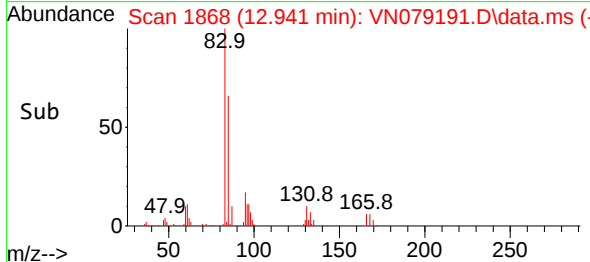
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 83 Resp: 55715
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.6
85 66.0 33.1 99.3

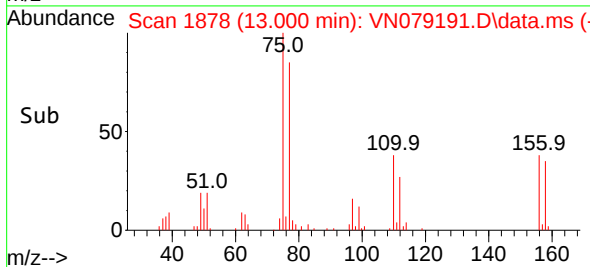
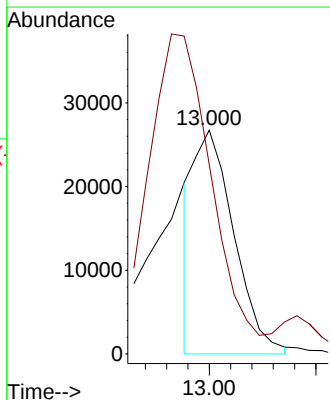
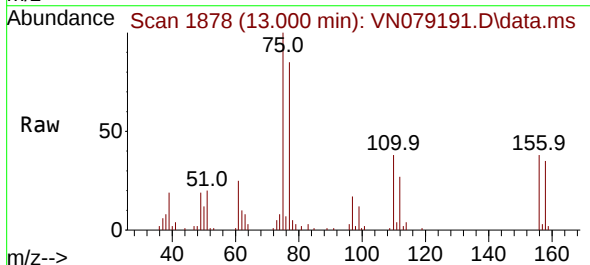
Manual Integrations
APPROVED

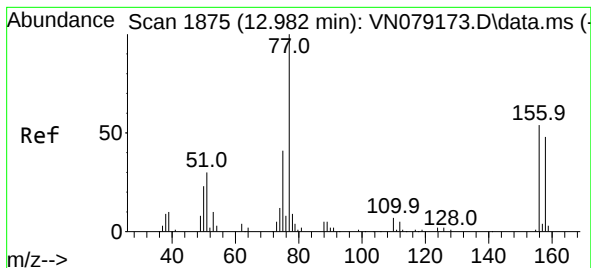
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#72
1,2,3-Trichloropropane
Concen: 15.984 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Tgt Ion: 75 Resp: 35081
Ion Ratio Lower Upper
75 100
77 226.9 0.0 252.2





#73

Bromobenzene

Concen: 21.088 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

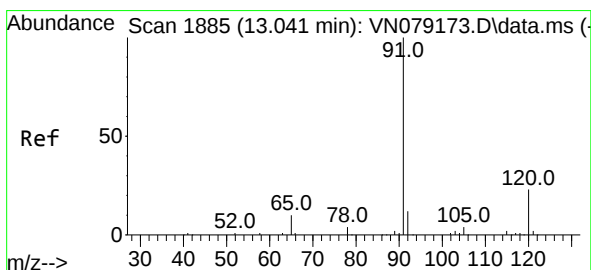
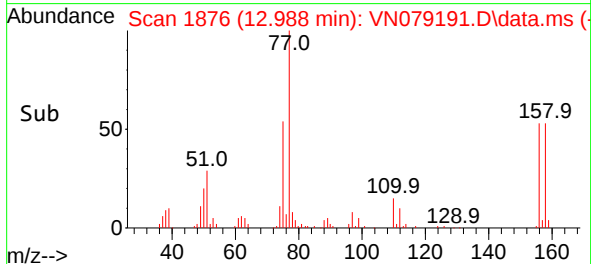
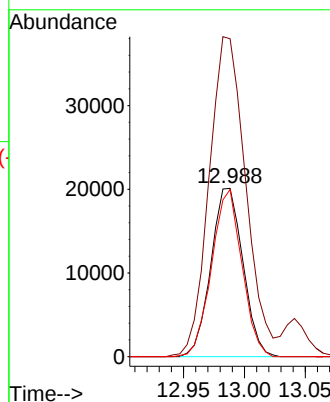
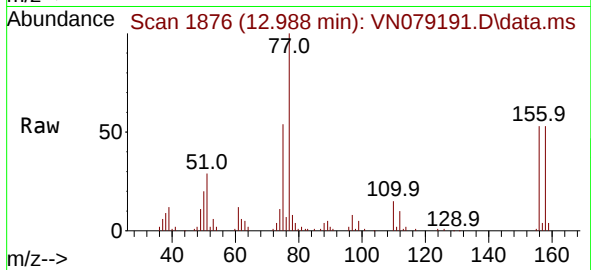
Tgt Ion:	156	Resp:	3673
Ion Ratio	Lower	Upper	
156	100		
77	216.7	0.0	446.6
158	93.9	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#74

n-propylbenzene

Concen: 20.587 ug/l

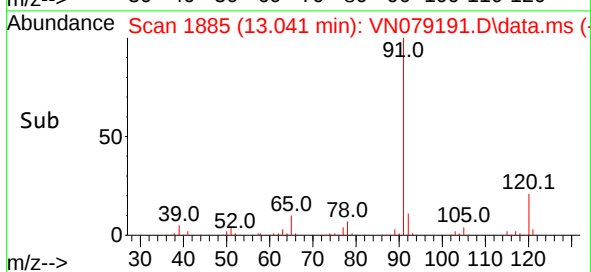
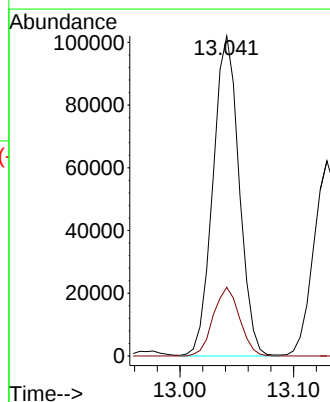
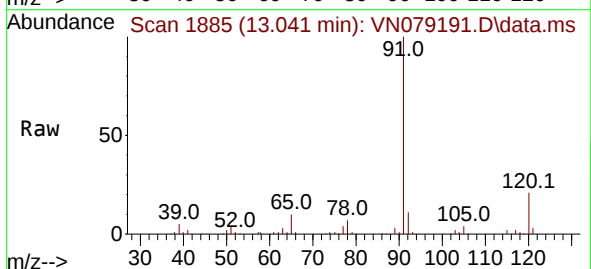
RT: 13.041 min Scan# 1885

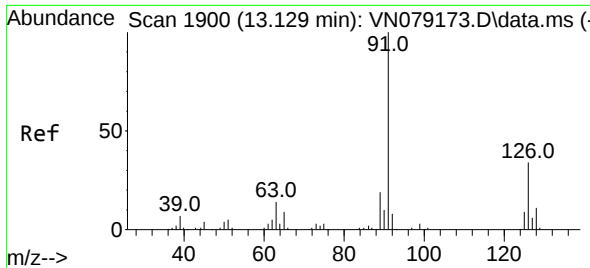
Delta R.T. 0.000 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Tgt Ion:	91	Resp:	163562
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	44.0





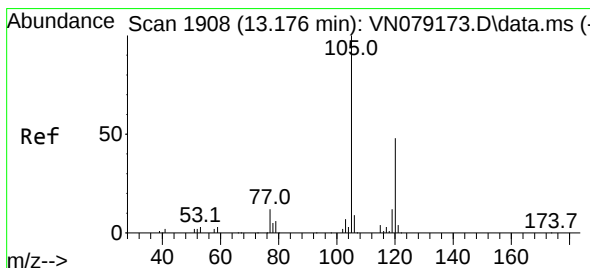
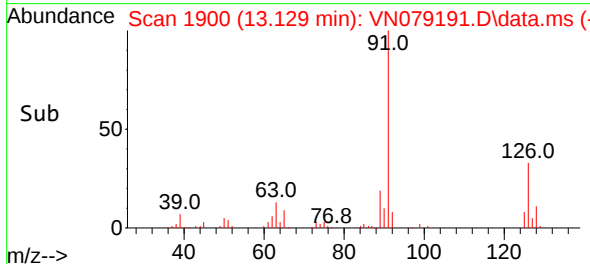
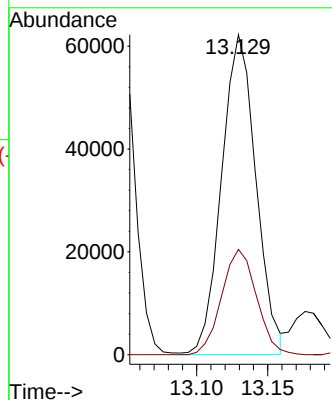
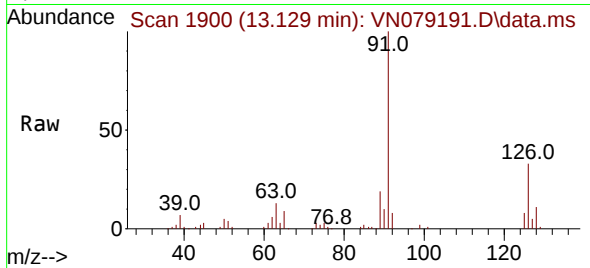
#75
2-Chlorotoluene
Concen: 20.563 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01

Tgt Ion: 91 Resp: 104758
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.4

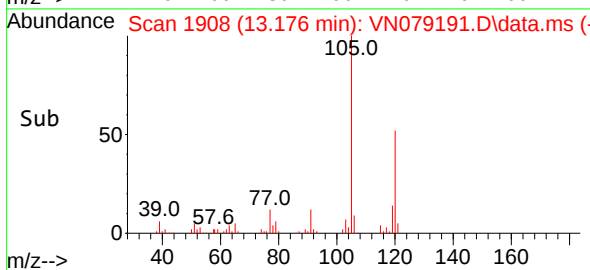
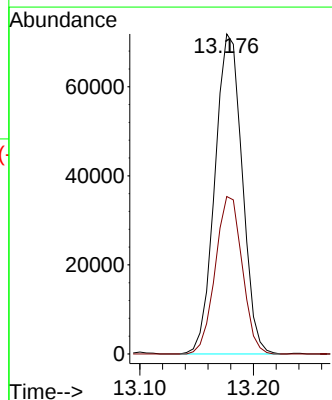
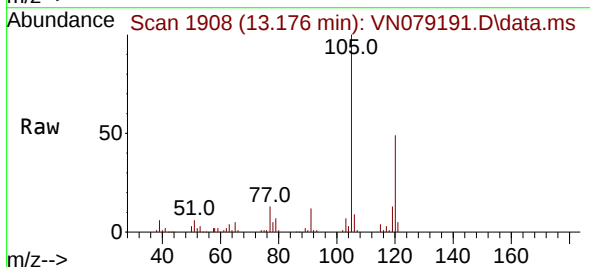
Manual Integrations
APPROVED

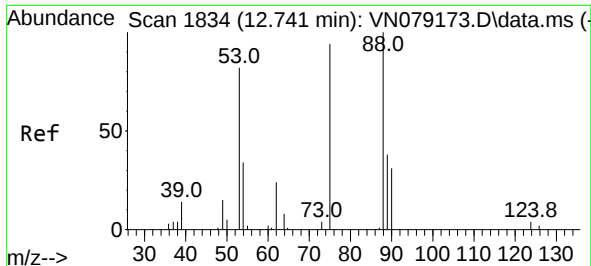
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.822 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

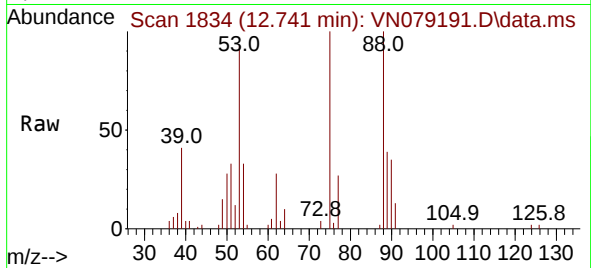
Tgt Ion:105 Resp: 120052
Ion Ratio Lower Upper
105 100
120 48.6 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 22.427 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

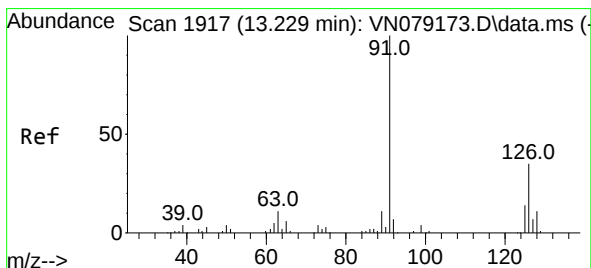
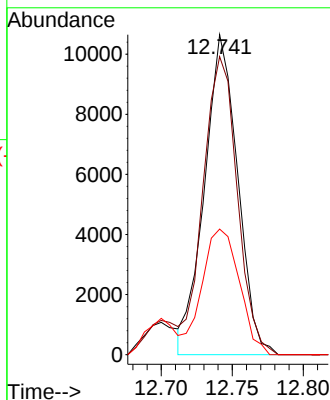
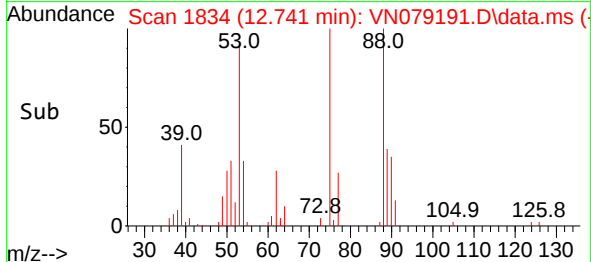
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion: 75 Resp: 17330
Ion Ratio Lower Upper
75 100
53 93.1 44.1 132.4
89 39.3 22.4 67.3

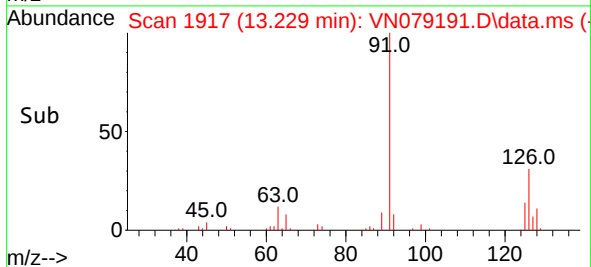
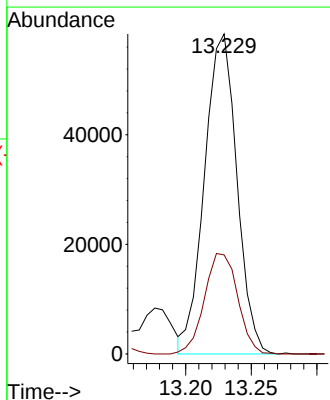
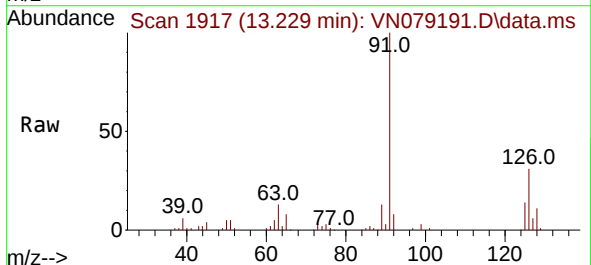
Manual Integrations
APPROVED

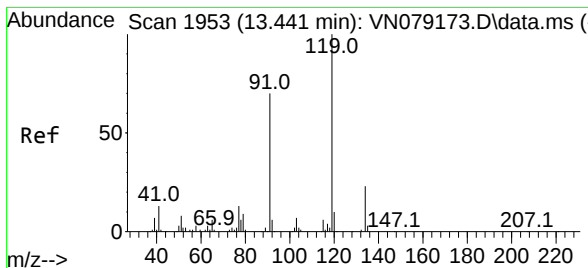
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#78
4-Chlorotoluene
Concen: 20.864 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

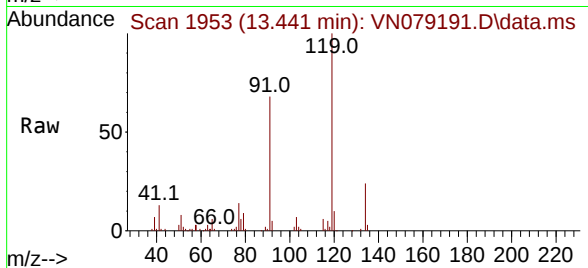
Tgt Ion: 91 Resp: 100364
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.6





#79
tert-butylbenzene
Concen: 21.403 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

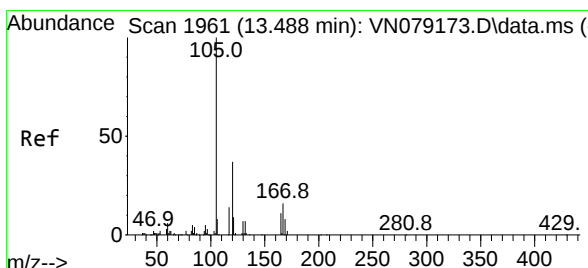
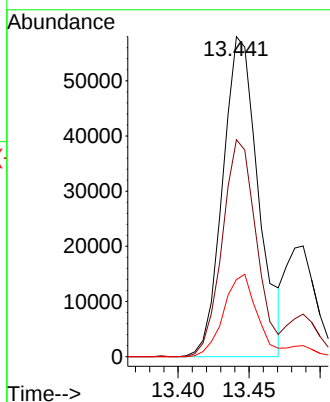
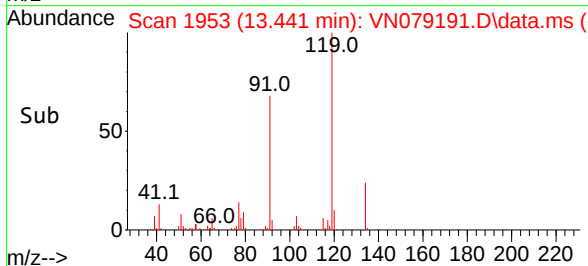
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



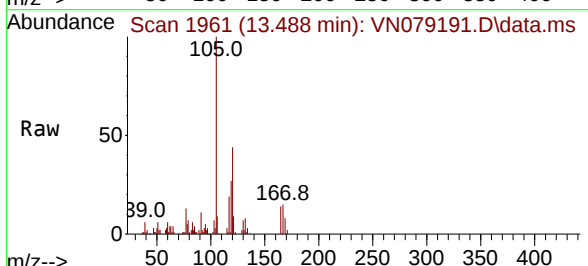
Tgt Ion:119 Resp: 101290
Ion Ratio Lower Upper
119 100
91 65.0 0.0 130.8
134 24.0 0.0 48.8

Manual Integrations
APPROVED

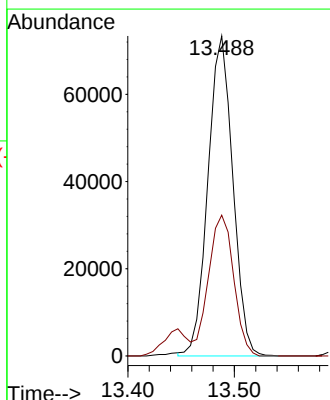
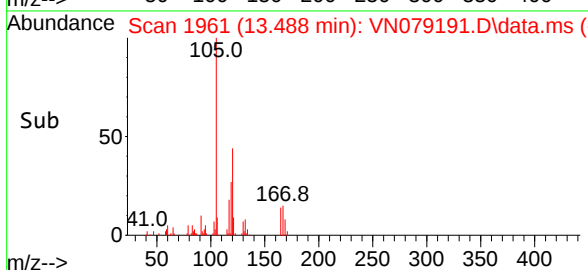
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

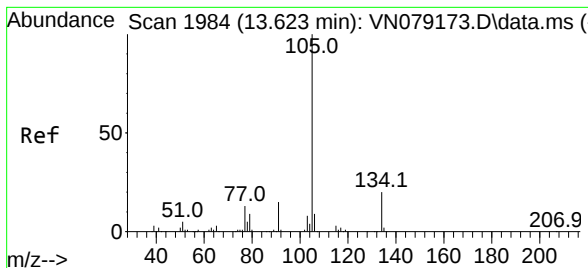


#80
1,2,4-Trimethylbenzene
Concen: 21.618 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



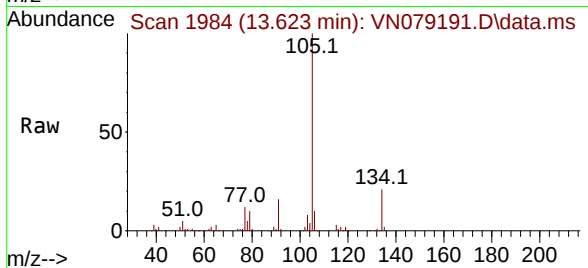
Tgt Ion:105 Resp: 119034
Ion Ratio Lower Upper
105 100
120 44.6 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.619 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26

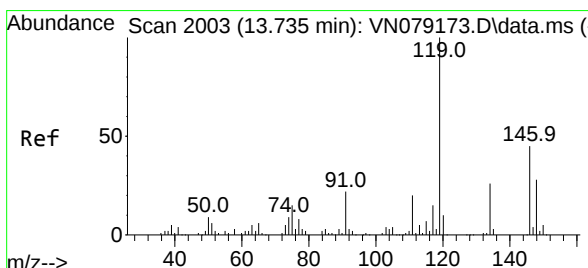
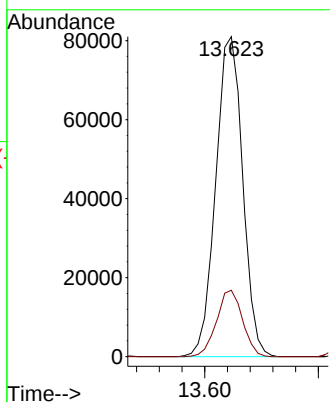
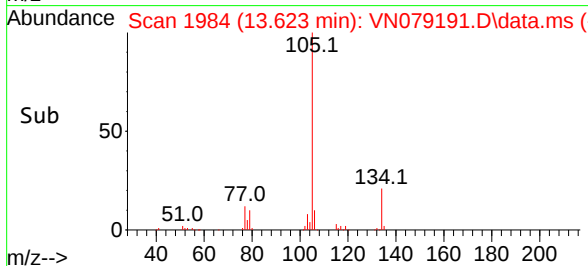
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01



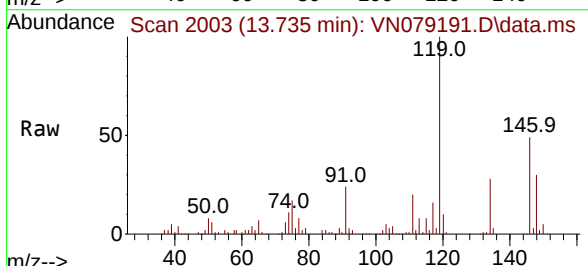
Tgt Ion:105 Resp: 133510
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6

Manual Integrations
 APPROVED

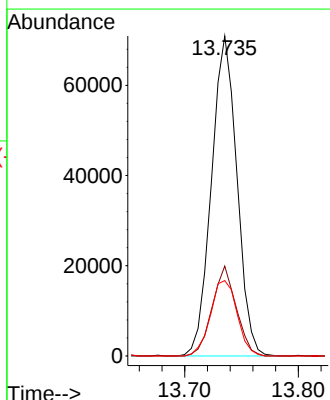
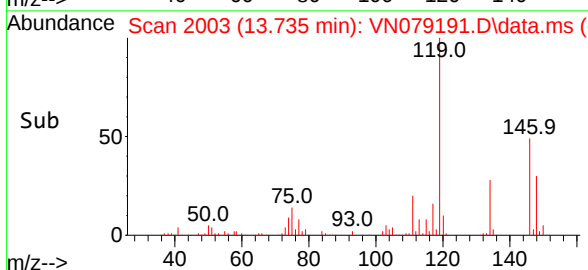
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

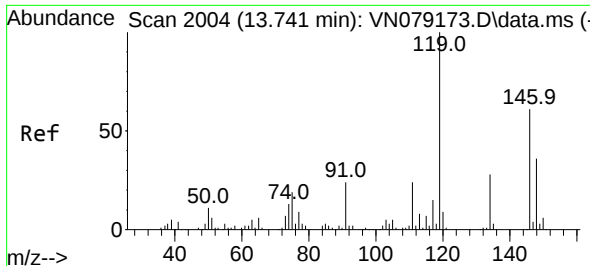


#82
 p-Isopropyltoluene
 Concen: 21.665 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26



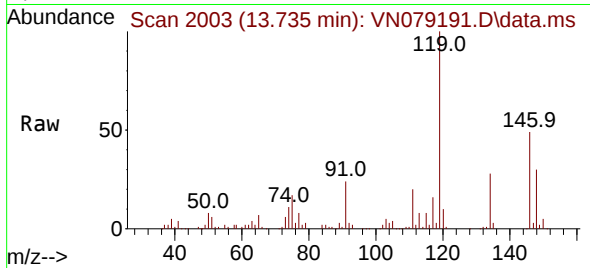
Tgt Ion:119 Resp: 110810
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 53.8
 91 24.6 0.0 48.0





#83
 1,3-Dichlorobenzene
 Concen: 21.541 ug/l
 RT: 13.735 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26

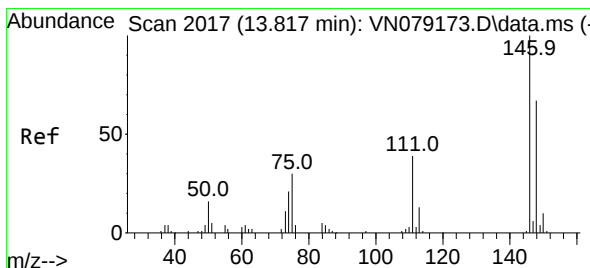
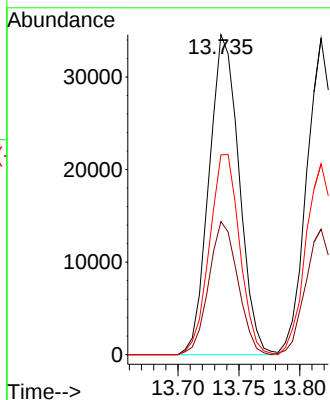
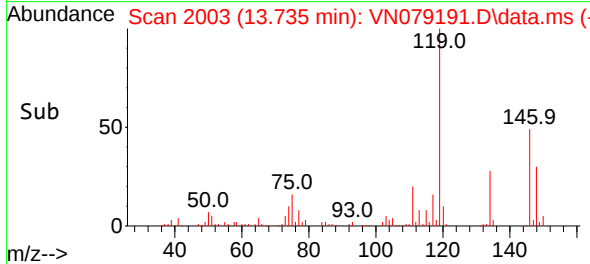
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBSD01



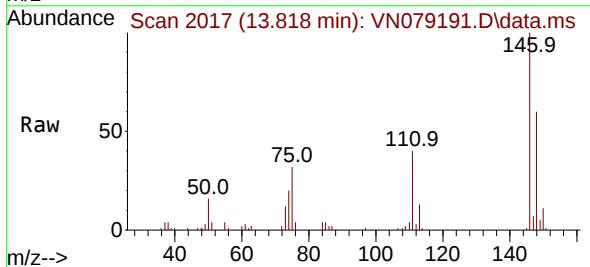
Tgt Ion:146 Resp: 5958
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.5
 148 62.7 31.8 95.3

Manual Integrations
 APPROVED

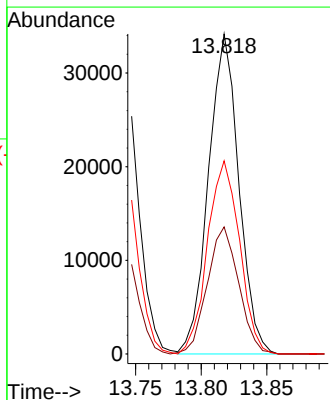
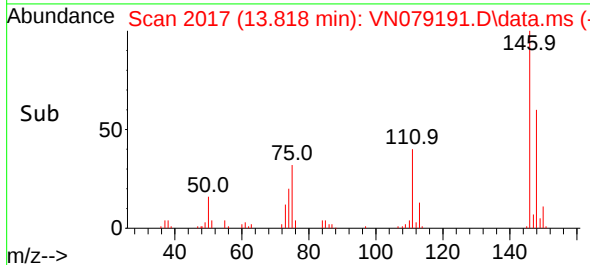
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

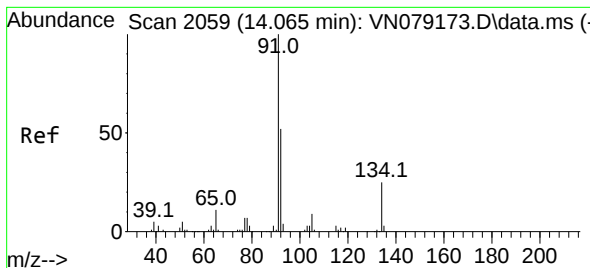


#84
 1,4-Dichlorobenzene
 Concen: 21.217 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN079191.D
 Acq: 08 Sep 2023 12:26



Tgt Ion:146 Resp: 55043
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.5 58.5
 148 63.8 32.1 96.5





#85

n-Butylbenzene

Concen: 20.788 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBSD01

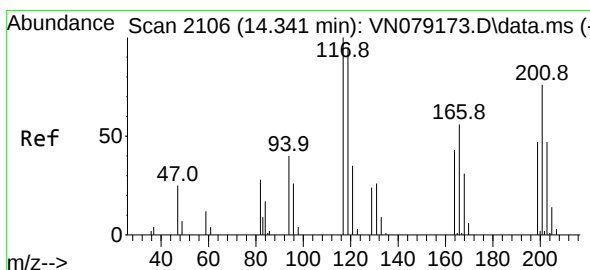
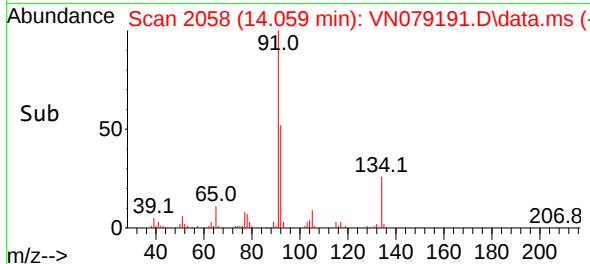
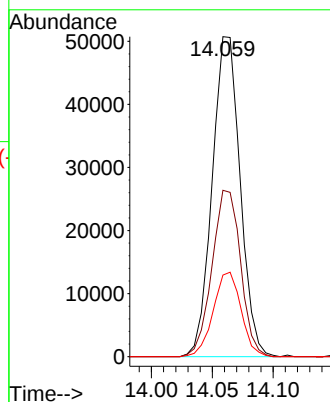
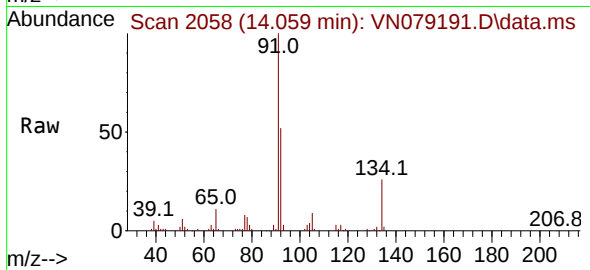
Tgt Ion:	91	Resp:	80979
Ion Ratio	Lower	Upper	
91	100		
92	53.1	0.0	105.0
134	26.3	0.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#86

Hexachloroethane

Concen: 21.136 ug/l

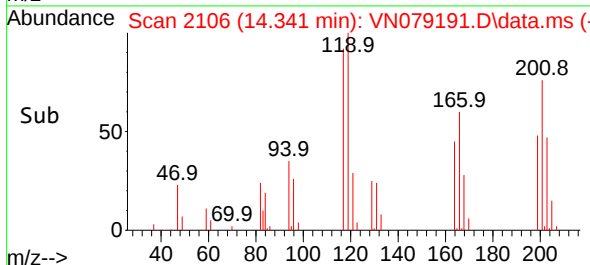
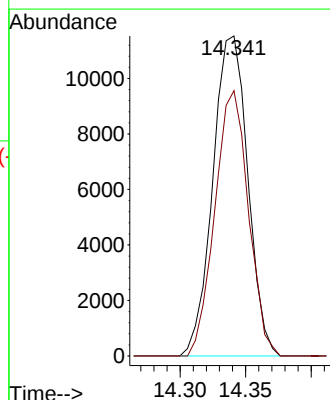
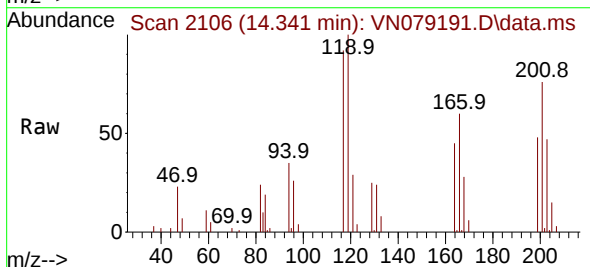
RT: 14.341 min Scan# 2106

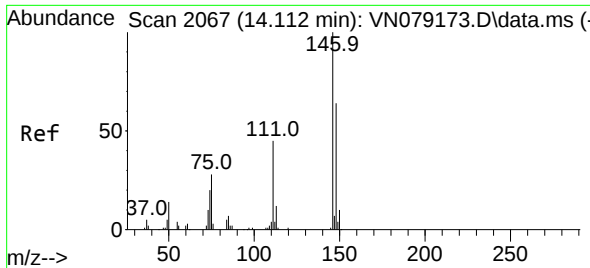
Delta R.T. 0.000 min

Lab File: VN079191.D

Acq: 08 Sep 2023 12:26

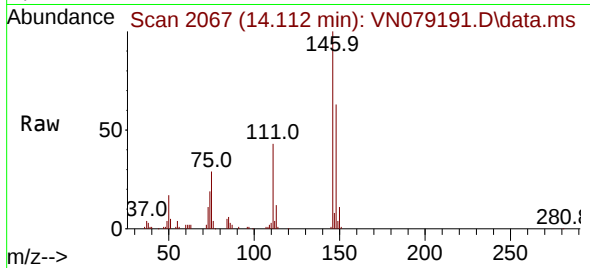
Tgt Ion:	117	Resp:	21404
Ion Ratio	Lower	Upper	
117	100		
201	79.5	37.2	111.6





#87
1,2-Dichlorobenzene
Concen: 21.925 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

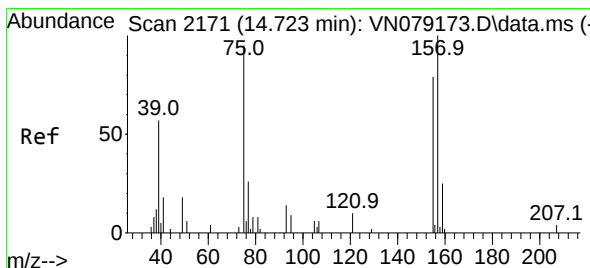
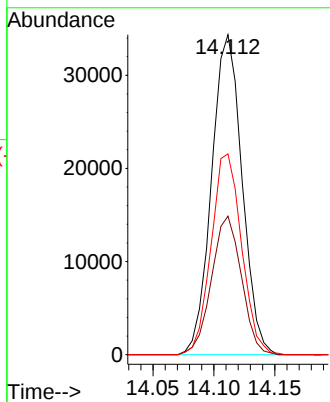
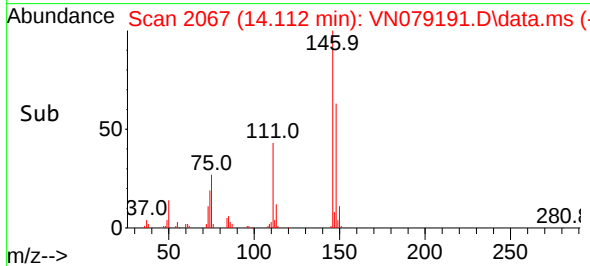
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:146 Resp: 59854
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 62.7 31.8 95.3

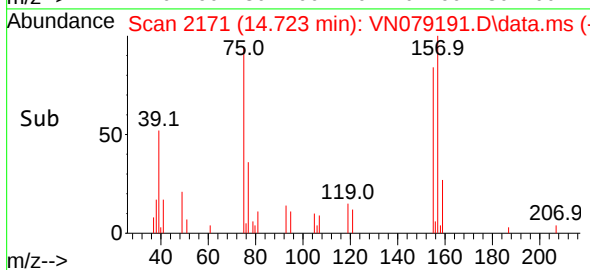
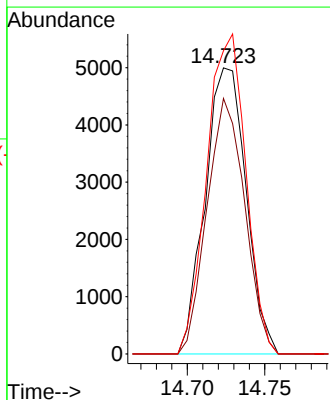
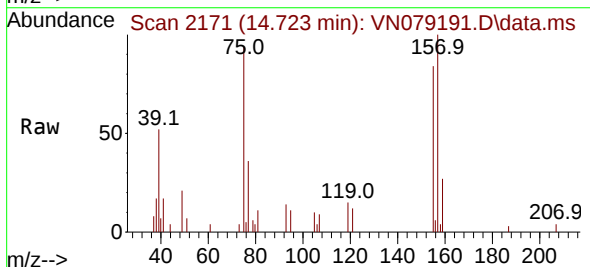
Manual Integrations
APPROVED

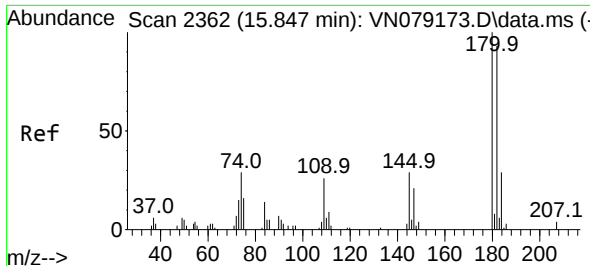
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.809 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

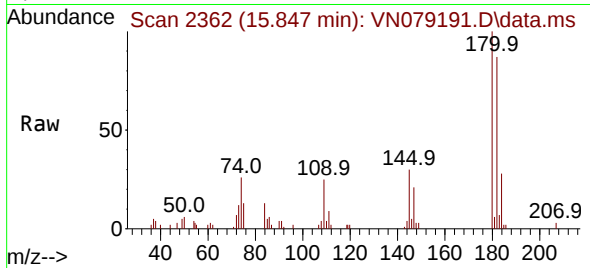
Tgt Ion: 75 Resp: 9175
Ion Ratio Lower Upper
75 100
155 82.3 68.1 102.1
157 106.8 83.9 125.9





#89
1,2,4-Trichlorobenzene
Concen: 20.477 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

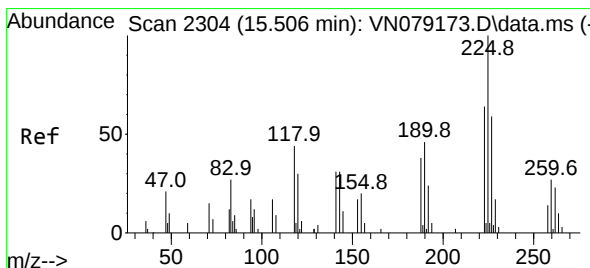
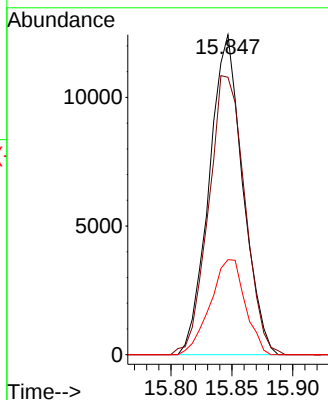
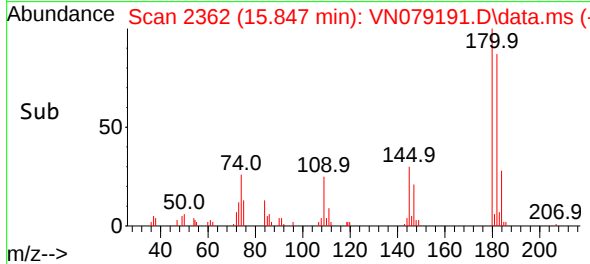
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



Tgt Ion:180 Resp: 2392
Ion Ratio Lower Upper
180 100
182 93.5 74.5 111.7
145 30.8 26.2 39.2

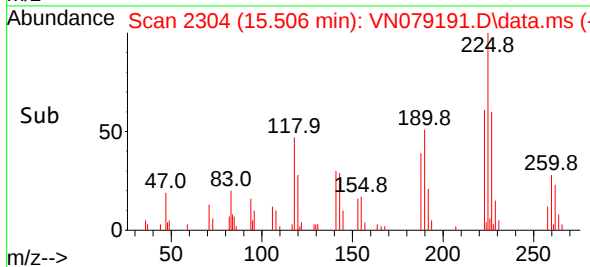
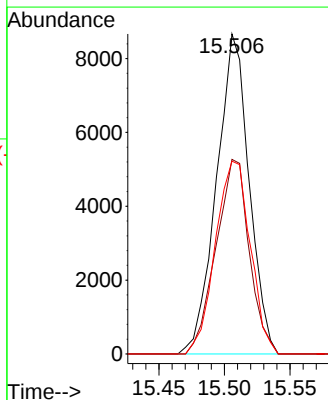
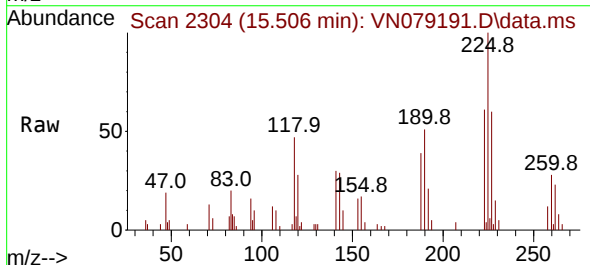
Manual Integrations
APPROVED

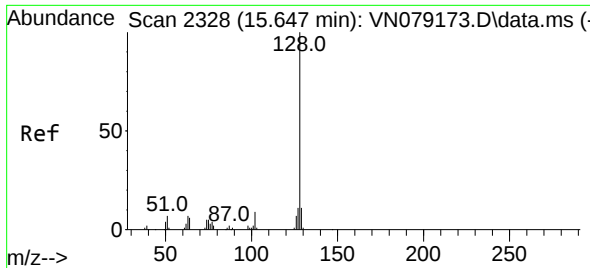
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#90
Hexachlorobutadiene
Concen: 21.102 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

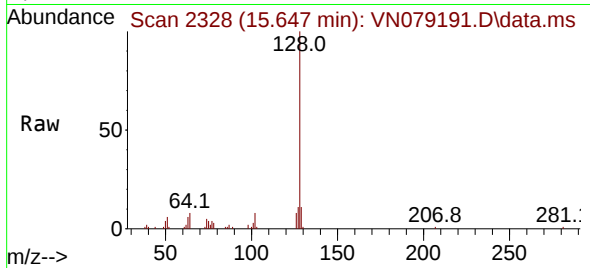
Tgt Ion:225 Resp: 14973
Ion Ratio Lower Upper
225 100
223 62.1 0.0 125.6
227 64.6 0.0 124.0





#91
Naphthalene
Concen: 18.665 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26

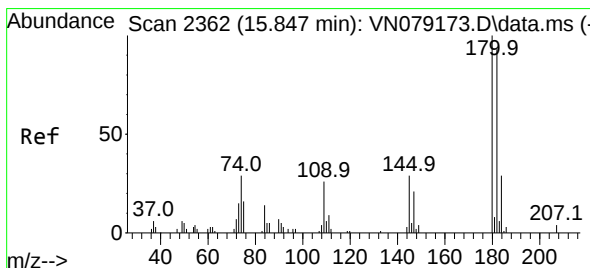
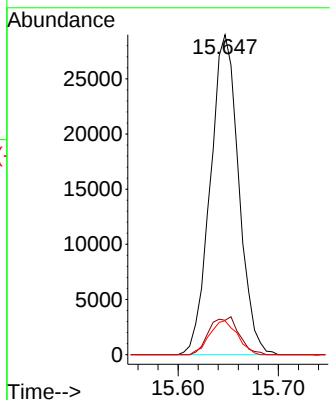
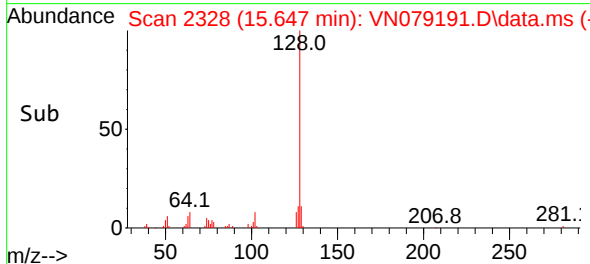
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBSD01



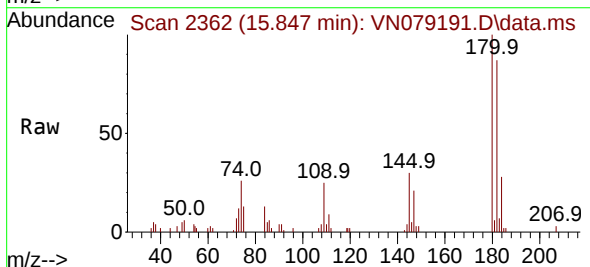
Tgt Ion:128 Resp: 5697
Ion Ratio Lower Upper
128 100
127 7.5 10.1 15.1
129 10.5 8.5 12.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.477 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079191.D
Acq: 08 Sep 2023 12:26



Tgt Ion:180 Resp: 23921
Ion Ratio Lower Upper
180 100
182 93.5 0.0 186.2
145 30.8 0.0 65.4

