

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079173.D
 Acq On : 07 Sep 2023 10:44
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 04:47:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 04:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	33822	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	184800	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	165539	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	73531	28.894	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.300%		
60) 4-Bromofluorobenzene	12.853	95	75544	30.972	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.233%		
63) Toluene-d8	10.571	98	231014	29.861	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	35231	18.650	ug/l	100
3) Chloromethane	2.365	50	35749	18.873	ug/l	100
4) Vinyl Chloride	2.512	62	35072	18.715	ug/l	100
5) Bromomethane	2.948	94	20786	18.048	ug/l	100
6) Chloroethane	3.112	64	21295	18.554	ug/l	100
7) Trichlorofluoromethane	3.495	101	41515	18.608	ug/l	100
8) Diethyl Ether	3.959	74	16086	19.663	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	23600	20.789	ug/l	99
10) 1,1-Dichloroethene	4.336	96	23686	19.880	ug/l	100
11) Methyl Iodide	4.589	142	28635	19.081	ug/l	100
12) Methyl Acetate	5.036	43	51883	21.272	ug/l	100
13) Acrolein	4.189	56	25807	102.048	ug/l	100
14) Acrylonitrile	5.724	53	76896	105.177	ug/l	100
15) Acetone	4.442	58	20802	97.900	ug/l	100
16) Carbon Disulfide	4.706	76	67327	19.125	ug/l	100
17) Allyl chloride	5.018	41	38736m	24.245	ug/l	
18) Methylene Chloride	5.283	84	30122	18.851	ug/l	100
19) trans-1,2-Dichloroethene	5.794	96	29093	19.517	ug/l	100
20) Diisopropyl ether	6.683	45	133398	23.334	ug/l	100
21) 1,1-Dichloroethane	6.577	63	75479	22.538	ug/l	100
22) cis-1,2-Dichloroethene	7.494	96	47287	20.284	ug/l	100
23) tert-Butyl Alcohol	5.530	59	28917	92.288	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	92467	19.665	ug/l	100
25) Chloroform	7.971	83	77543	19.207	ug/l	100
26) Cyclohexane	8.259	56	58863	19.388	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	55673	18.790	ug/l	100
30) 2-Butanone	7.488	43	151033	101.345	ug/l	100
31) 2,2-Dichloropropane	7.494	77	59530	20.143	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	65807	18.852	ug/l	100
33) Carbon Tetrachloride	8.371	117	55956	25.442	ug/l	100
34) Benzene	8.612	78	176696	18.770	ug/l	100
35) Methacrylonitrile	7.788	41	31464	19.608	ug/l	100
36) 1,2-Dichloroethane	8.677	62	56285	18.129	ug/l	100
37) Trichloroethene	9.353	130	39873	17.920	ug/l	100
38) Methylcyclohexane	9.606	83	55614	18.775	ug/l	100
39) 1,2-Dichloropropane	9.630	63	45566	18.765	ug/l	100
40) Dibromomethane	9.712	93	29755	18.581	ug/l	99
41) Bromodichloromethane	9.894	83	59924	18.772	ug/l	100
42) Vinyl Acetate	6.612	43	397132	112.208	ug/l	100

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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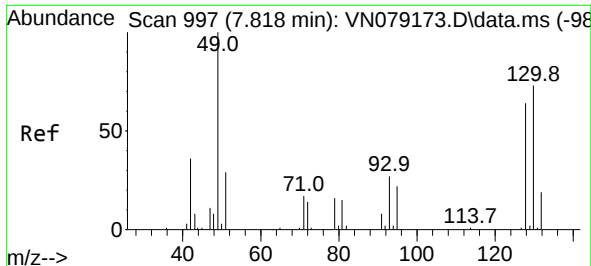
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Quant Time: Sep 08 04:47:59 2023
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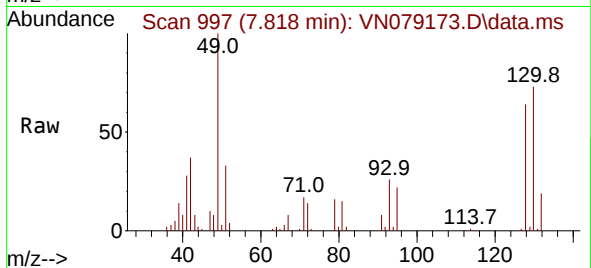
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	59935	21.176	ug/l	100
44) Isopropyl Acetate	8.694	43	93921	18.447	ug/l	100
45) 1,4-Dioxane	9.700	88	18307	361.224	ug/l	100
46) Methyl methacrylate	9.688	41	43162	18.975	ug/l	100
47) n-amyl Acetate	12.500	43	64309	17.960	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	63551	18.402	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	65372	18.147	ug/l	100
50) 1,1,2-Trichloroethane	11.024	97	42514	18.918	ug/l	100
51) Ethyl methacrylate	10.882	69	66687	19.221	ug/l	100
52) 1,3-Dichloropropane	11.171	76	74777	19.497	ug/l	100
53) Dibromochloromethane	11.365	129	44010	18.678	ug/l	100
54) 1,2-Dibromoethane	11.476	107	43439	19.060	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	114856	93.168	ug/l	100
56) Bromoform	12.582	173	29304	17.865	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	294553	96.965	ug/l	100
59) 2-Hexanone	11.200	43	215962	101.230	ug/l	100
61) Tetrachloroethene	11.106	164	35628	19.780	ug/l	100
62) Toluene	10.635	91	185441	19.240	ug/l	100
64) Chlorobenzene	11.894	112	106721	18.980	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	40779	18.943	ug/l	100
66) Ethyl Benzene	11.971	91	190303	19.609	ug/l	100
67) m/p-Xylenes	12.076	106	144564	39.589	ug/l	100
68) o-Xylene	12.406	106	63470	18.015	ug/l	100
69) Styrene	12.418	104	104644	18.630	ug/l	100
70) Isopropylbenzene	12.700	105	174558	19.501	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	63732	19.033	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	51511m	16.898	ug/l	
73) Bromobenzene	12.982	156	43610	19.503	ug/l	100
74) n-propylbenzene	13.041	91	203581	19.961	ug/l	100
75) 2-Chlorotoluene	13.129	91	128889	19.708	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	148890	20.116	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	19604	19.763	ug/l	100
78) 4-Chlorotoluene	13.229	91	121473	19.671	ug/l	100
79) tert-butylbenzene	13.441	119	125651	20.682	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	144193	20.400	ug/l	100
81) sec-Butylbenzene	13.623	105	168376	20.256	ug/l	100
82) p-Isopropyltoluene	13.735	119	134649	20.508	ug/l	100
83) 1,3-Dichlorobenzene	13.741	146	71723	20.198	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	68091	20.445	ug/l	100
85) n-Butylbenzene	14.065	91	102922	20.581	ug/l	100
86) Hexachloroethane	14.341	117	26568	20.437	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	71910	20.521	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11530	20.371	ug/l	100
89) 1,2,4-Trichlorobenzene	15.847	180	28853	19.224	ug/l	100
90) Hexachlorobutadiene	15.506	225	16837	18.517	ug/l	100
91) Naphthalene	15.647	128	75985	19.390	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	28853	19.224	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

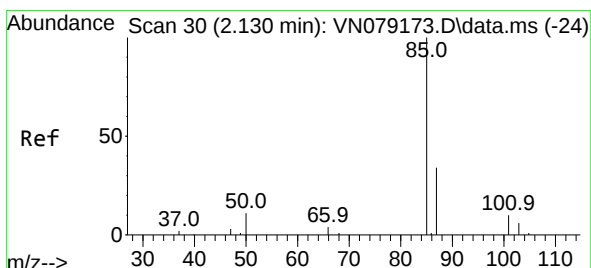
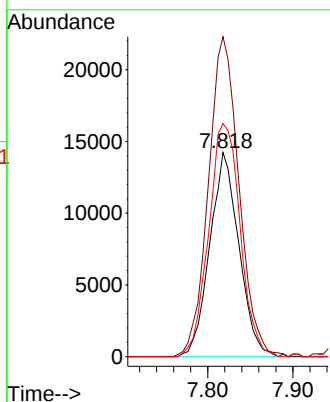
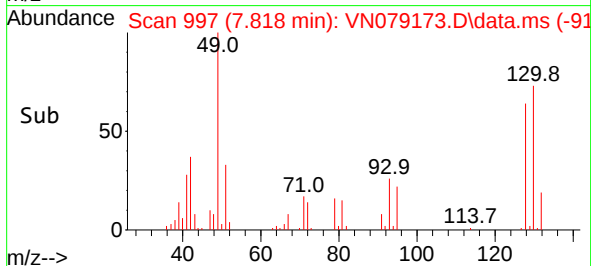
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



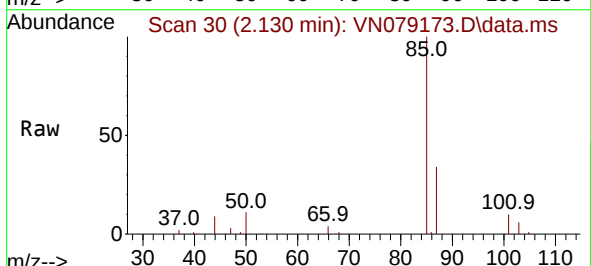
Tgt Ion:128 Resp: 3382
Ion Ratio Lower Upper
128 100
49 164.7 0.0 414.3
130 123.6 0.0 311.0

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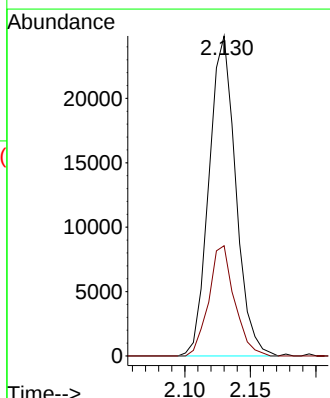
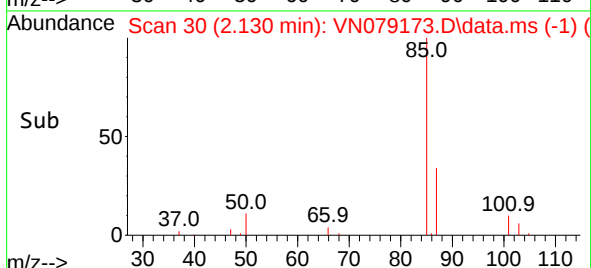
Reviewed By :John Carlone 09/08/2023
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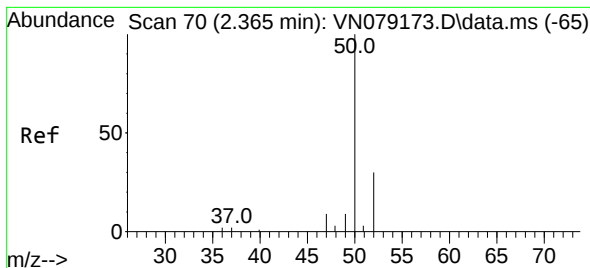


#2
Dichlorodifluoromethane
Concen: 18.650 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



Tgt Ion: 85 Resp: 35231
Ion Ratio Lower Upper
85 100
87 34.5 17.3 51.7





#3

Chloromethane

Concen: 18.873 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 35749

Ion Ratio Lower Upper

50 100

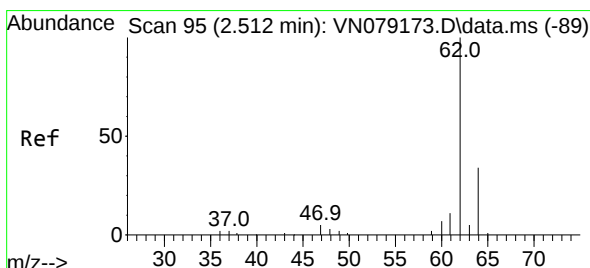
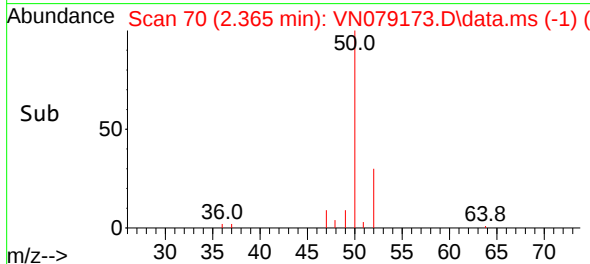
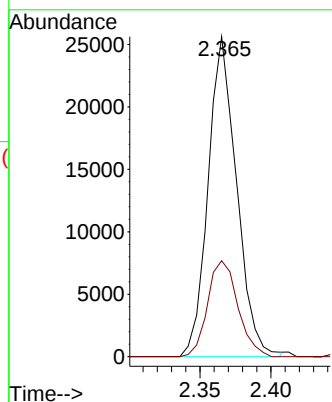
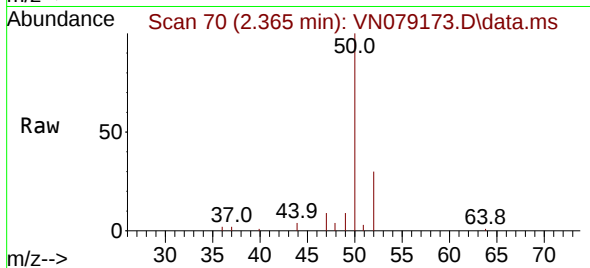
52 30.0 24.0 36.0

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#4

Vinyl Chloride

Concen: 18.715 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079173.D

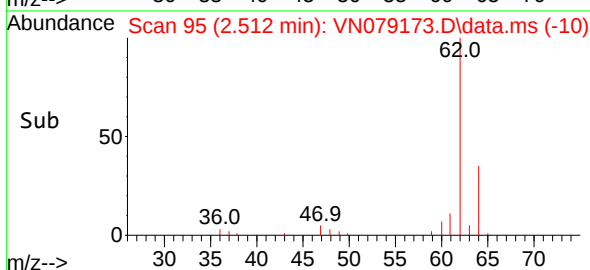
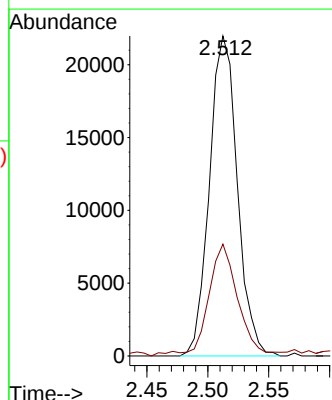
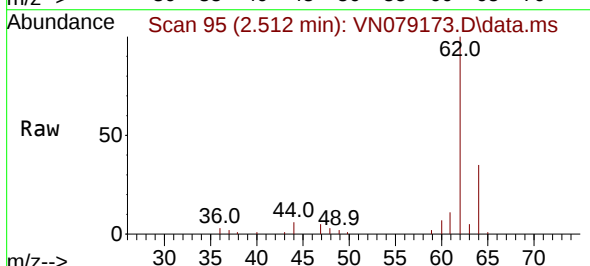
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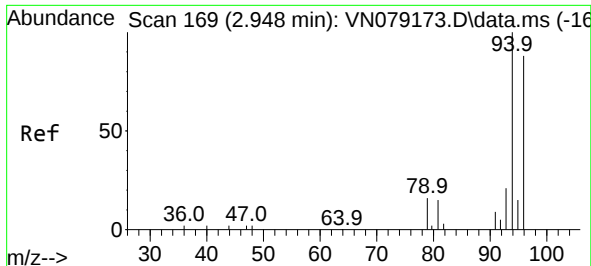
Tgt Ion: 62 Resp: 35072

Ion Ratio Lower Upper

62 100

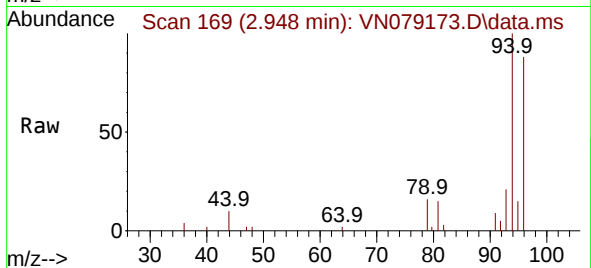
64 33.9 27.1 40.7





#5
Bromomethane
Concen: 18.048 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

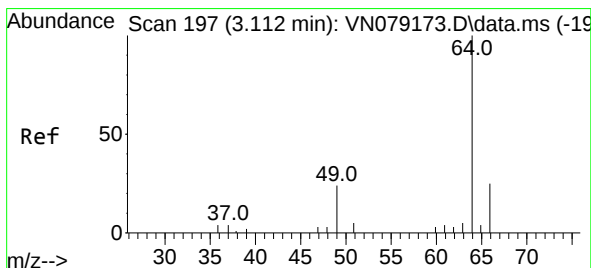
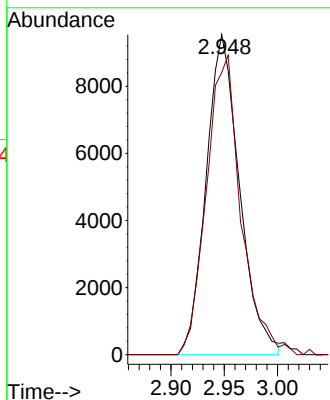
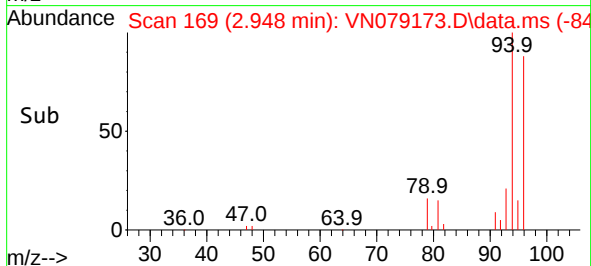
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 20780
Ion Ratio Lower Upper
94 100
96 88.2 70.6 105.8

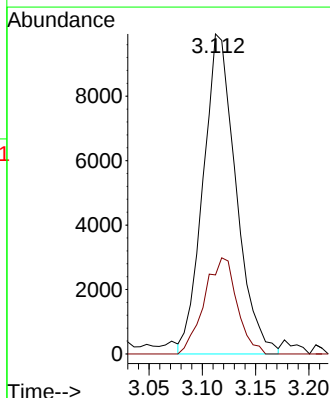
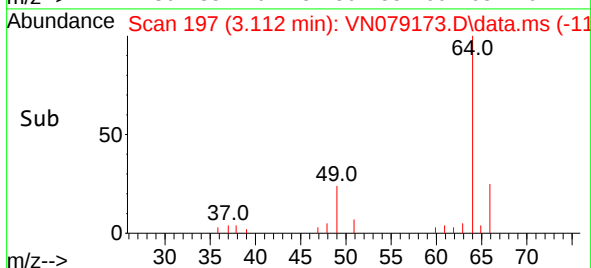
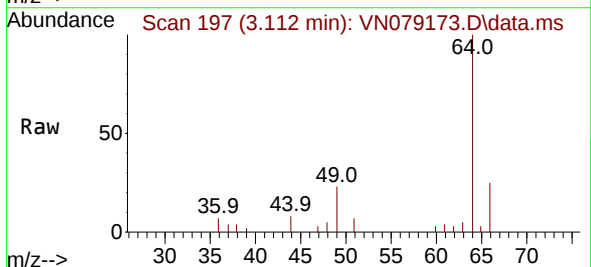
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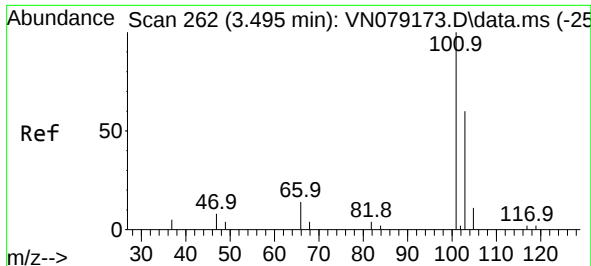
Reviewed By :John Carlone 09/08/2023
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#6
Chloroethane
Concen: 18.554 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 64 Resp: 21295
Ion Ratio Lower Upper
64 100
66 25.1 20.1 30.1





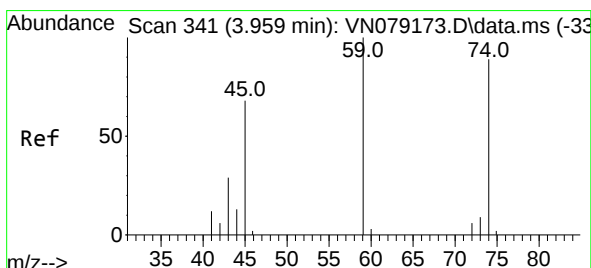
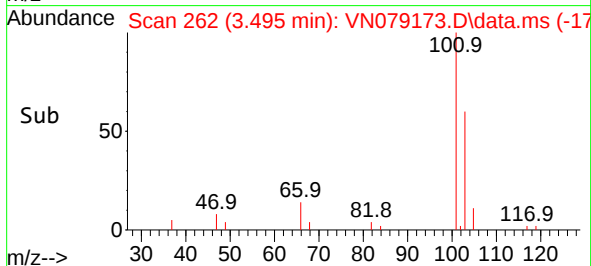
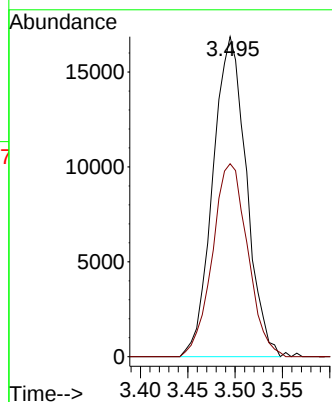
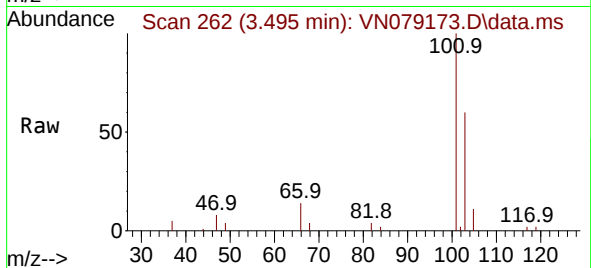
#7
Trichlorofluoromethane
Concen: 18.608 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4151
Ion Ratio Lower Upper
101 100
103 60.3 48.2 72.4

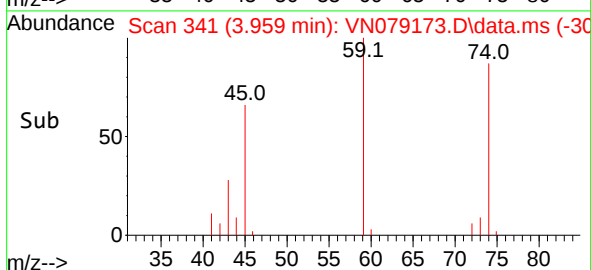
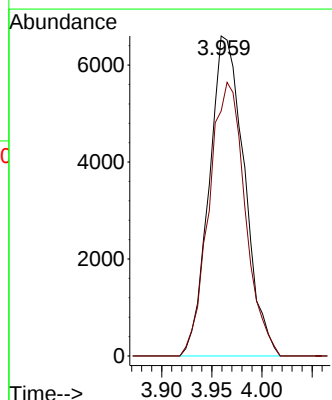
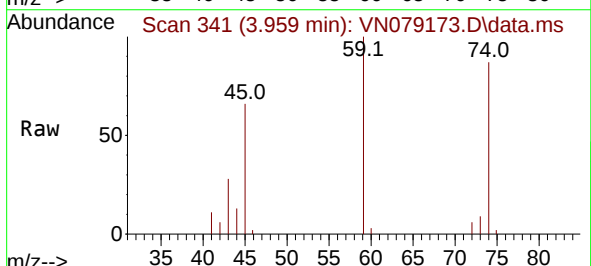
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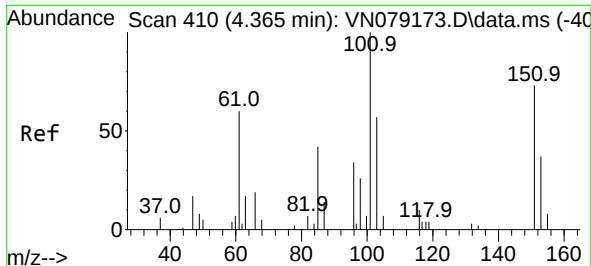
Reviewed By :John Carlone 09/08/2023
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#8
Diethyl Ether
Concen: 19.663 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 74 Resp: 16086
Ion Ratio Lower Upper
74 100
45 87.8 17.6 158.0





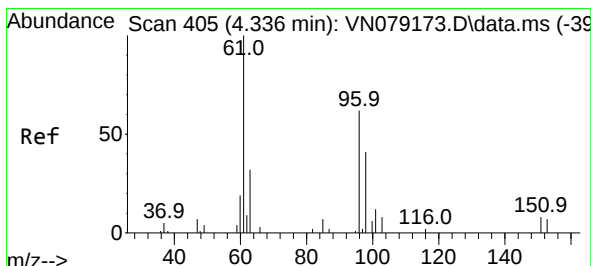
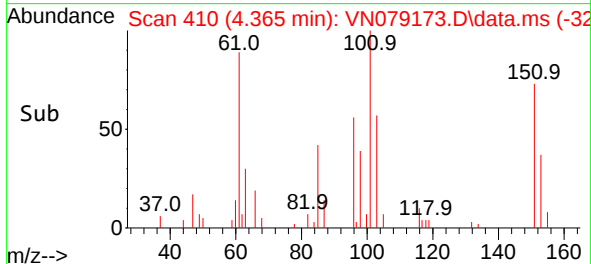
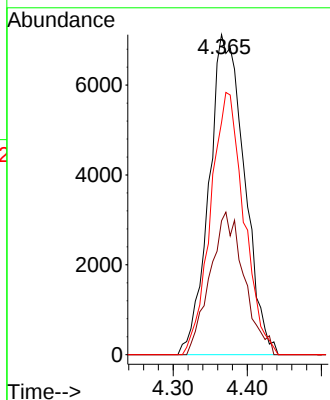
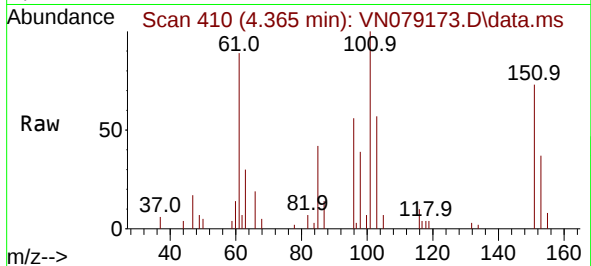
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1,1,2-Trichlorotrifluoroethane
Concen: 20.789 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 23600
Ion Ratio Lower Upper
101 100
85 42.5 0.0 85.6
151 77.3 0.0 155.8

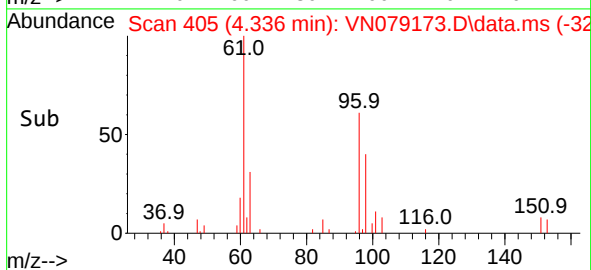
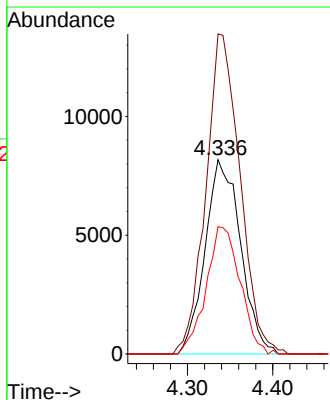
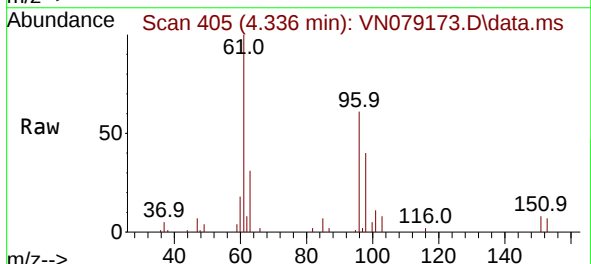
Manual Integrations
APPROVED

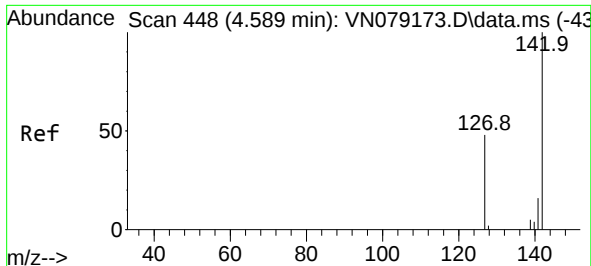
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
1,1-Dichloroethene
Concen: 19.880 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

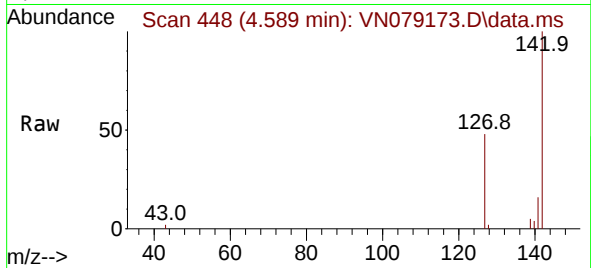
Tgt Ion: 96 Resp: 23686
Ion Ratio Lower Upper
96 100
61 162.7 130.2 195.2
98 65.4 52.3 78.5





#11
Methyl Iodide
Concen: 19.081 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

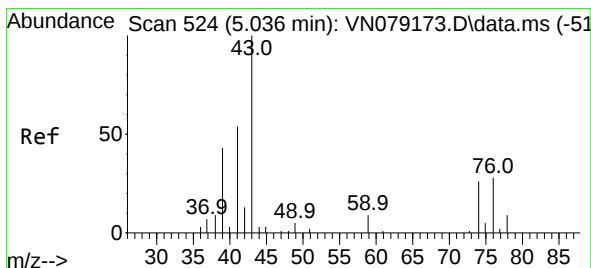
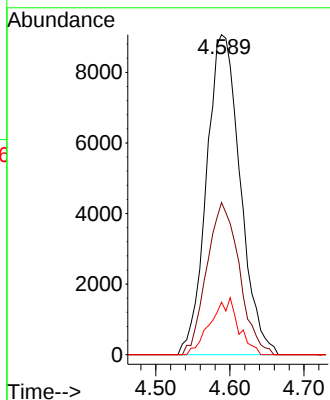
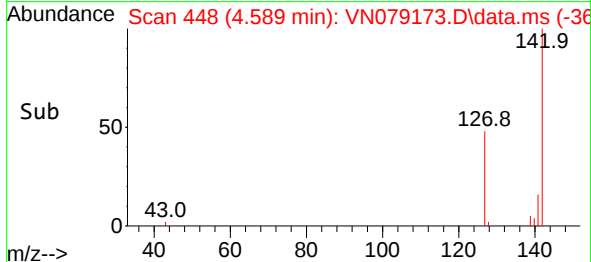
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 2863
Ion Ratio Lower Upper
142 100
127 47.6 23.8 71.4
141 16.4 8.2 24.6

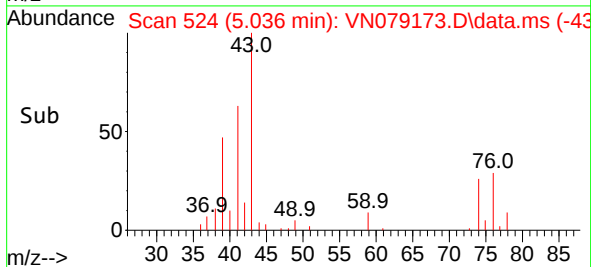
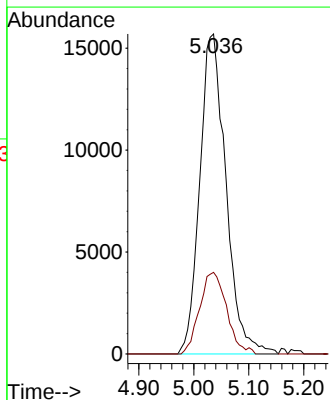
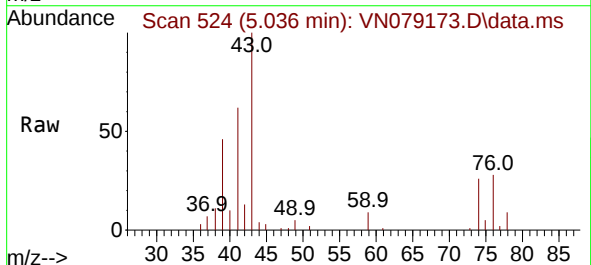
Manual Integrations
APPROVED

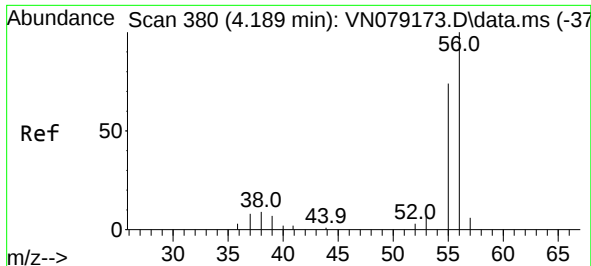
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
Methyl Acetate
Concen: 21.272 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

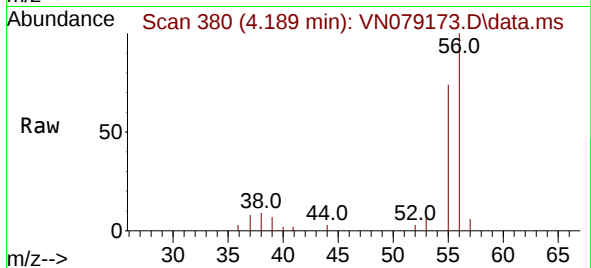
Tgt Ion: 43 Resp: 51883
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6





#13
Acrolein
Concen: 102.048 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

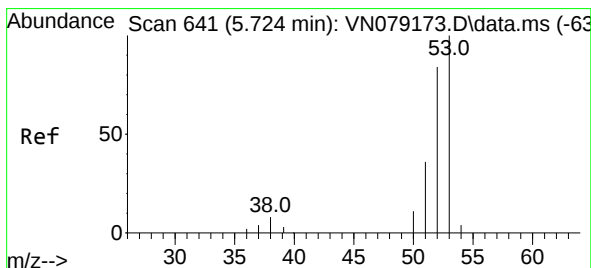
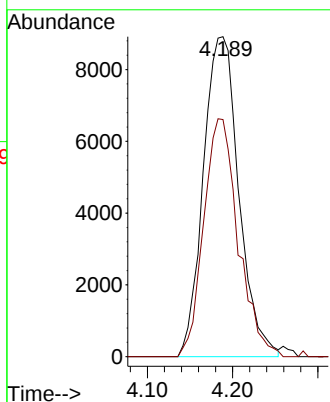
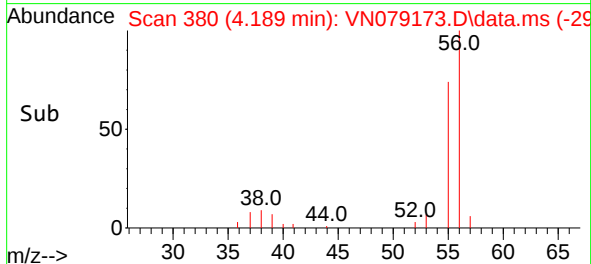
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



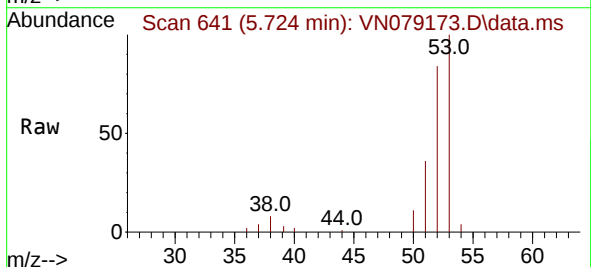
Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
55 72.1 57.7 86.5

Manual Integrations
APPROVED

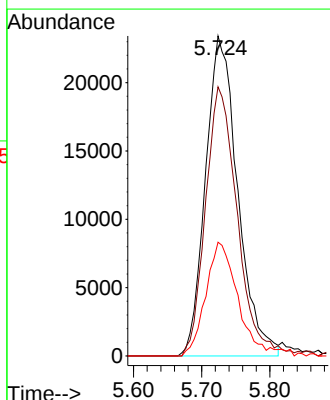
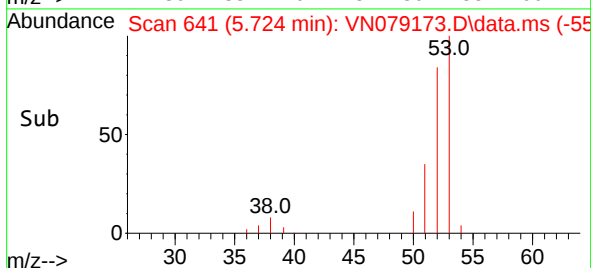
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

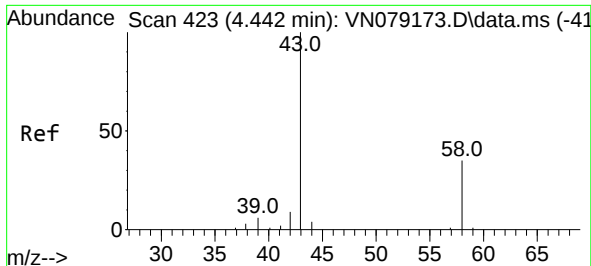


#14
Acrylonitrile
Concen: 105.177 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



Tgt Ion: 53 Resp: 76896
Ion Ratio Lower Upper
53 100
52 82.9 41.4 124.4
51 34.6 17.3 51.9





#15

Acetone

Concen: 97.900 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 2080

Ion Ratio Lower Upper

58 100

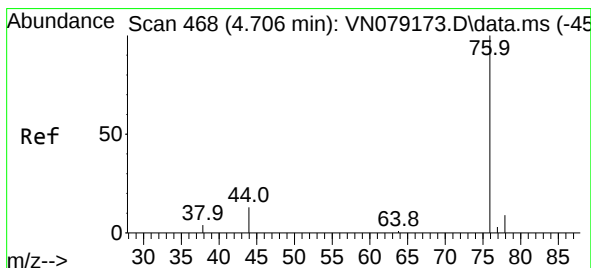
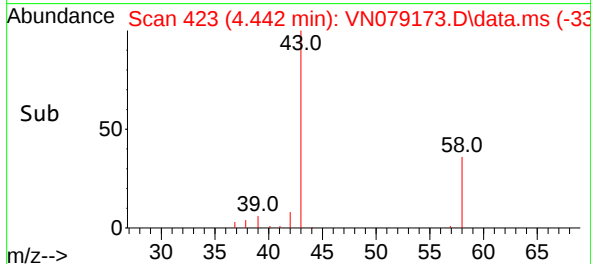
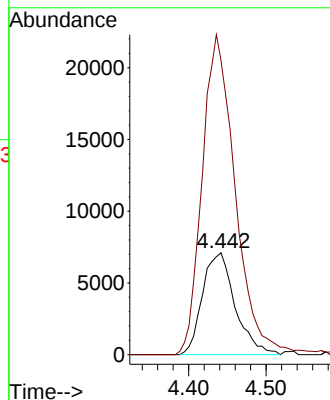
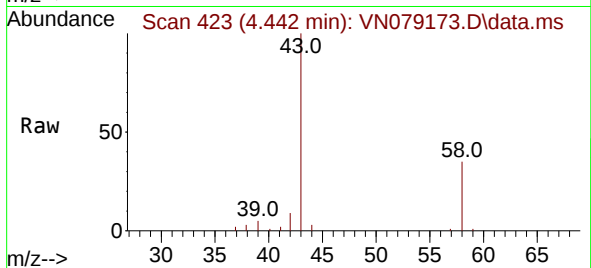
43 285.4 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#16

Carbon Disulfide

Concen: 19.125 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN079173.D

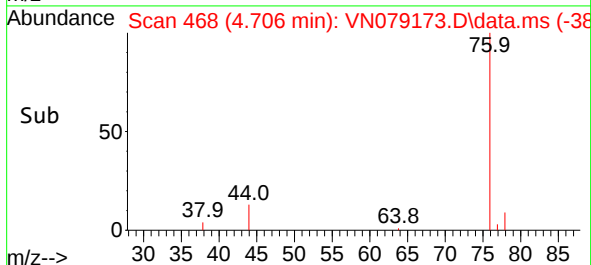
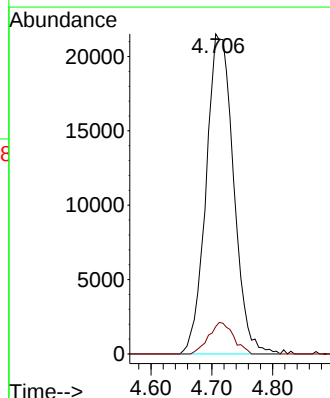
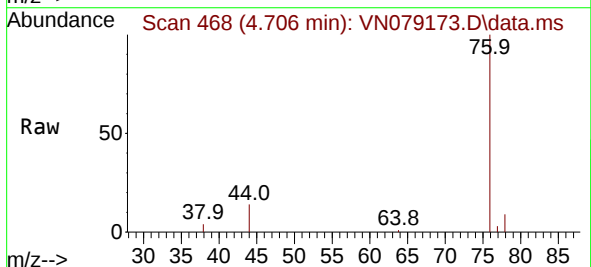
Acq: 07 Sep 2023 10:44

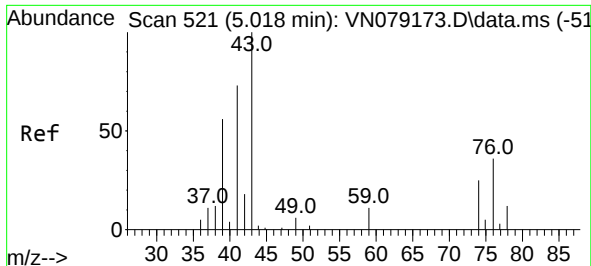
Tgt Ion: 76 Resp: 67327

Ion Ratio Lower Upper

76 100

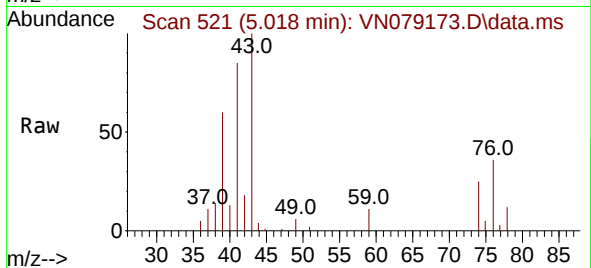
78 8.6 6.9 10.3





#17
 Allyl chloride
 Concen: 24.245 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079173.D
 Acq: 07 Sep 2023 10:44

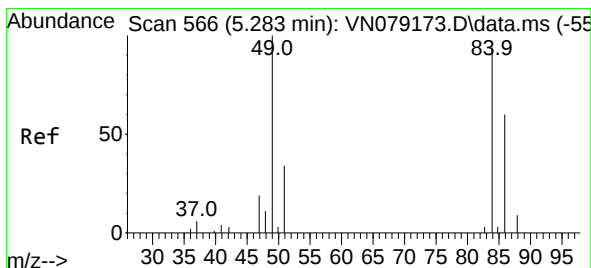
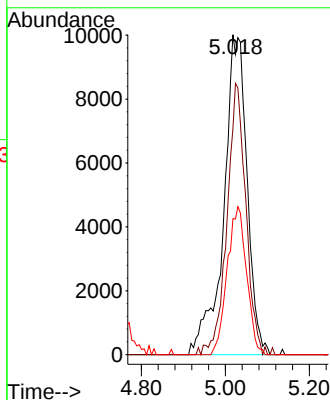
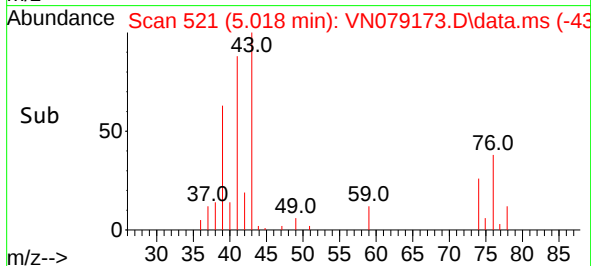
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 38730
 Ion Ratio Lower Upper
 41 100
 39 70.7 38.3 114.8
 76 42.5 23.7 71.1

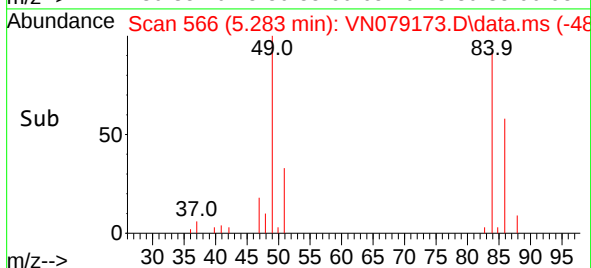
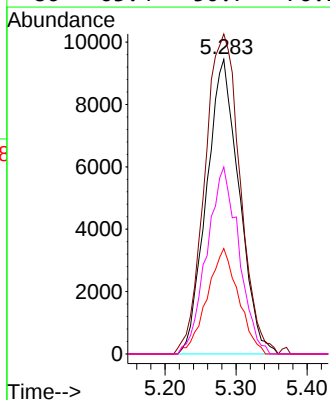
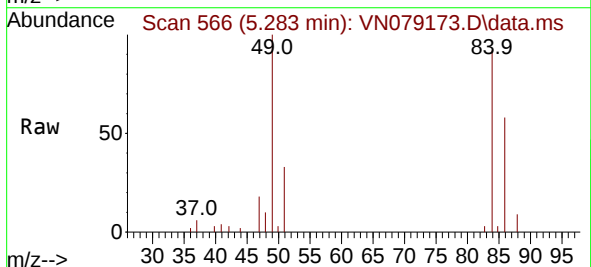
Manual Integrations
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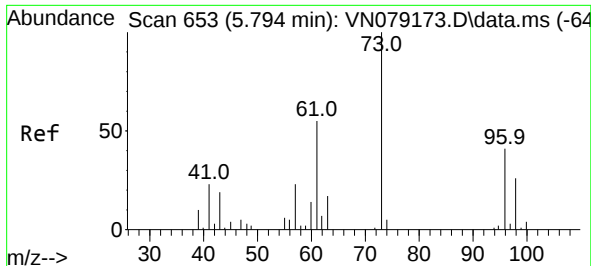
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#18
 Methylene Chloride
 Concen: 18.851 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079173.D
 Acq: 07 Sep 2023 10:44

Tgt Ion: 84 Resp: 30122
 Ion Ratio Lower Upper
 84 100
 49 108.6 86.9 130.3
 51 35.8 28.6 43.0
 86 63.4 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 19.517 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 96 Resp: 2909

Ion Ratio Lower Upper

96 100

61 133.2 106.6 159.8

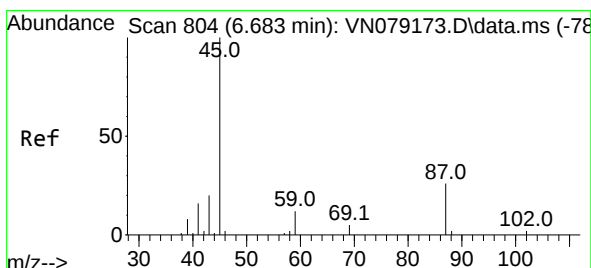
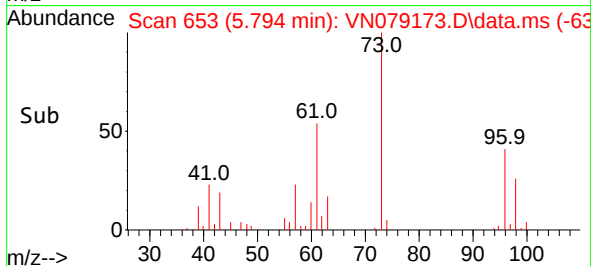
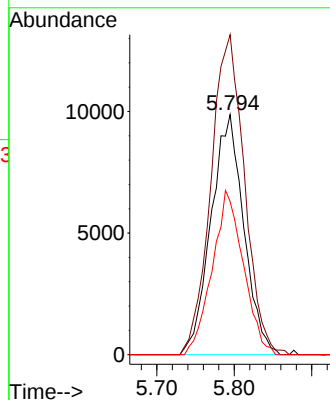
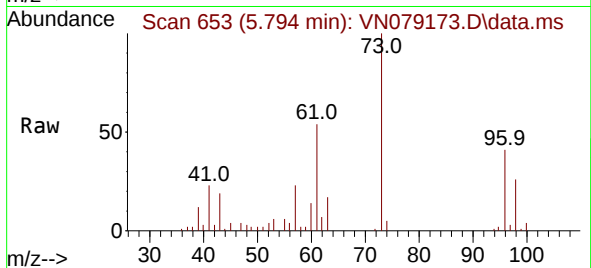
98 63.7 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#20

Diisopropyl ether

Concen: 23.334 ug/l

RT: 6.683 min Scan# 804

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Tgt Ion: 45 Resp: 133398

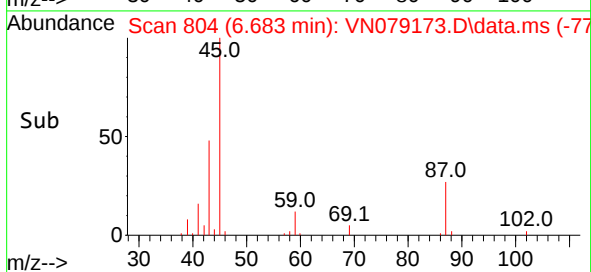
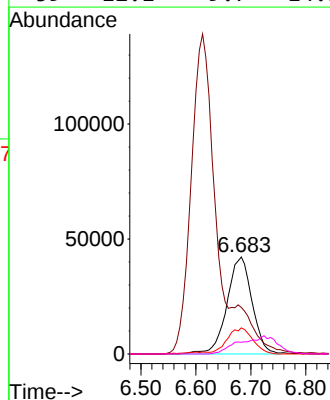
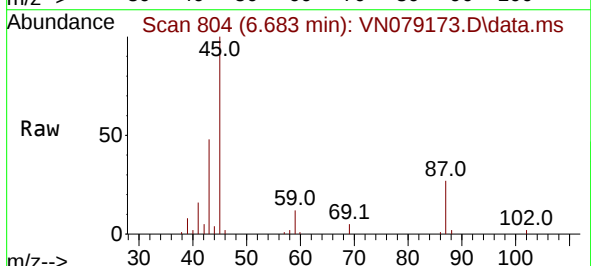
Ion Ratio Lower Upper

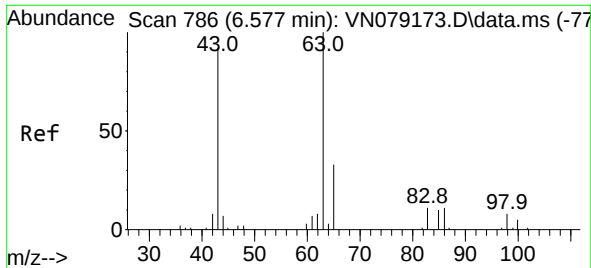
45 100

43 43.6 34.9 52.3

87 26.9 21.5 32.3

59 12.1 9.7 14.5





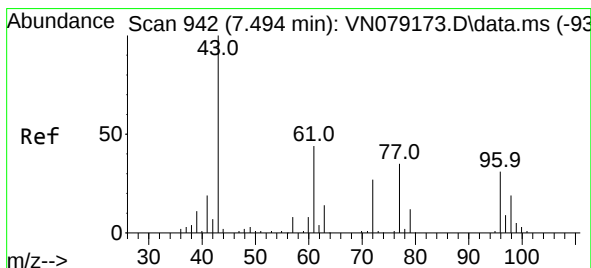
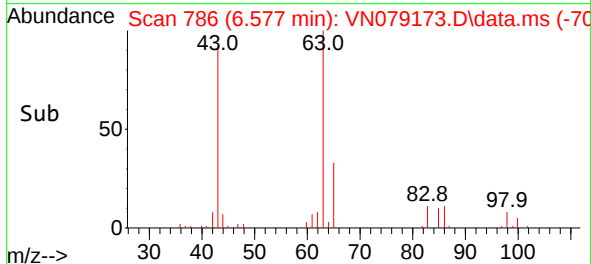
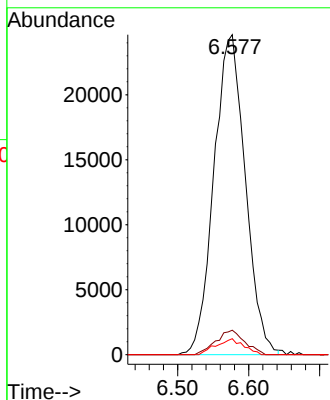
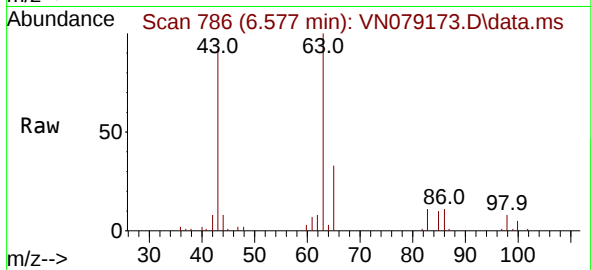
#21
1,1-Dichloroethane
Concen: 22.538 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 75479
Ion Ratio Lower Upper
63 100
98 7.7 3.9 11.5
100 5.0 2.5 7.5

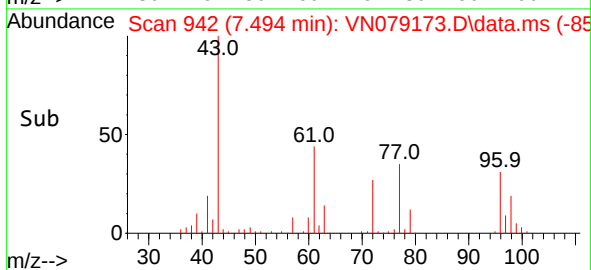
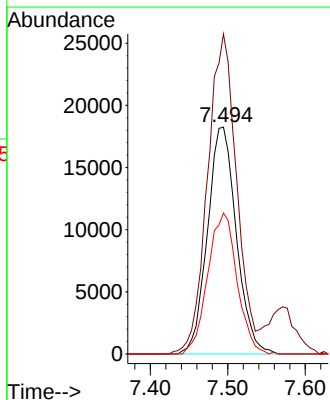
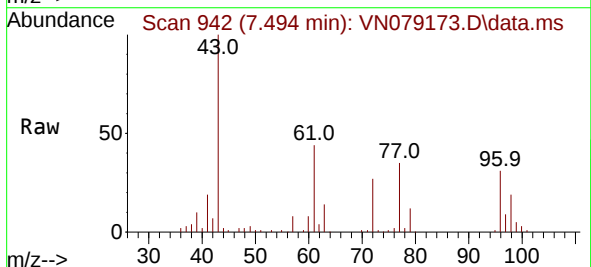
Manual Integrations
APPROVED

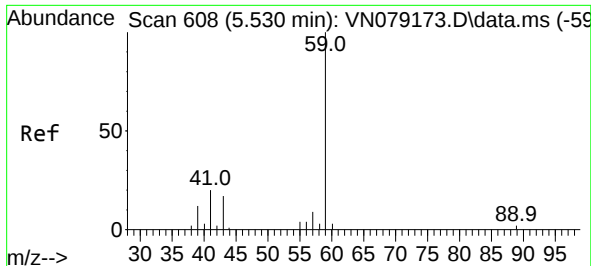
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#22
cis-1,2-Dichloroethene
Concen: 20.284 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 96 Resp: 47287
Ion Ratio Lower Upper
96 100
61 141.3 113.0 169.6
98 62.8 50.2 75.4





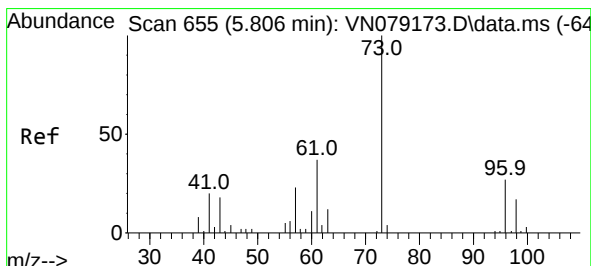
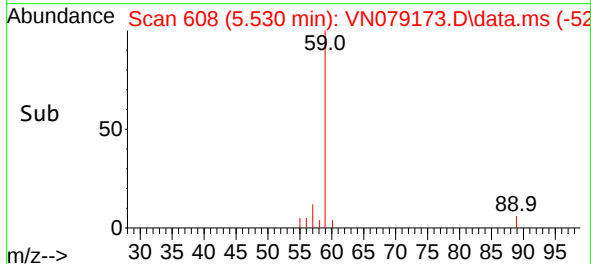
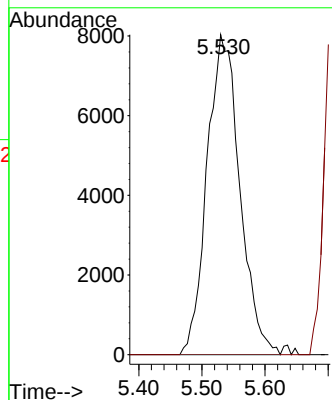
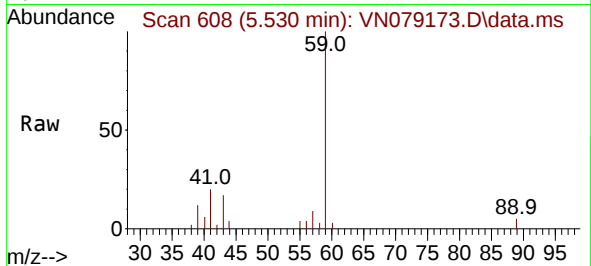
#23
tert-Butyl Alcohol
Concen: 92.288 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 2891
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

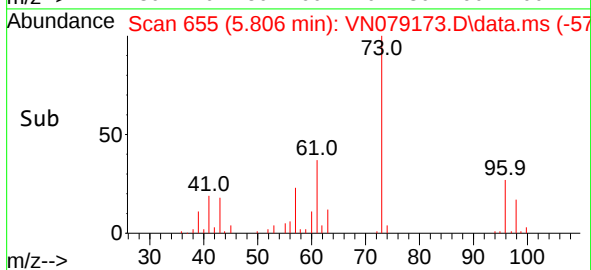
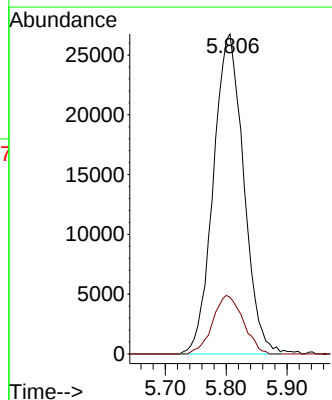
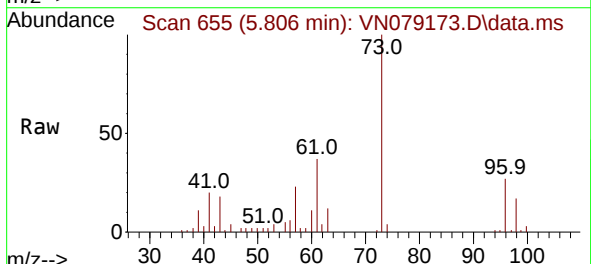
Manual Integrations
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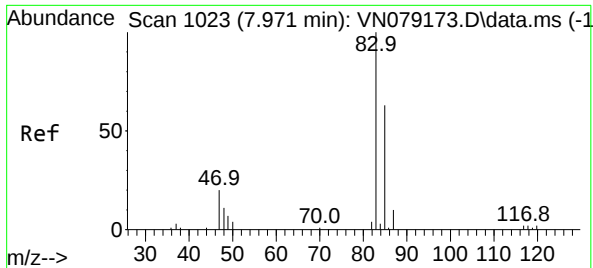
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 19.665 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 73 Resp: 92467
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1





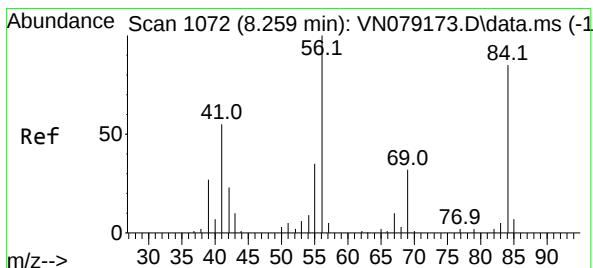
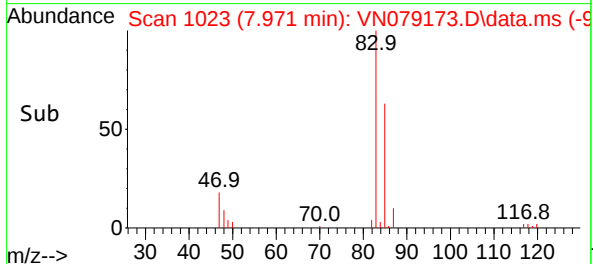
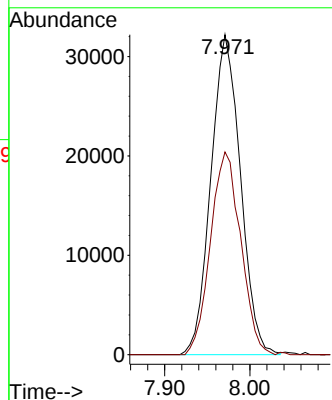
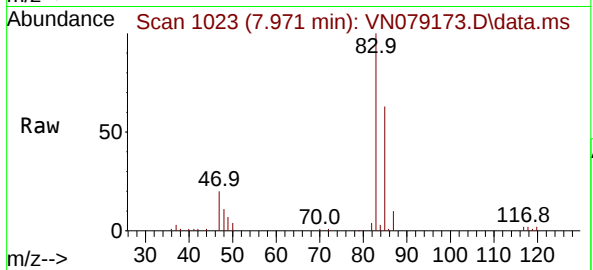
#25
Chloroform
Concen: 19.207 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 7754
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0

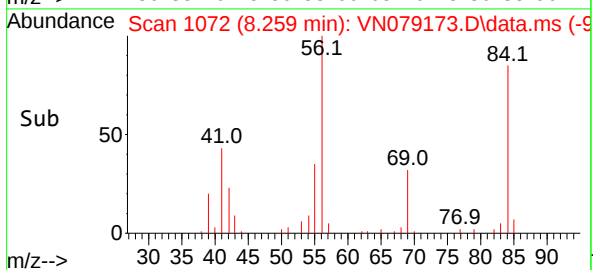
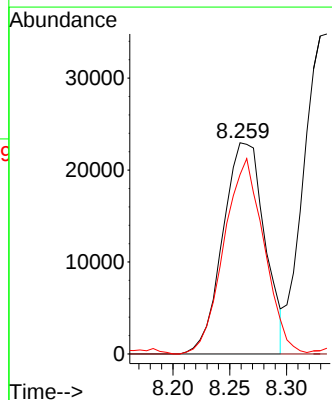
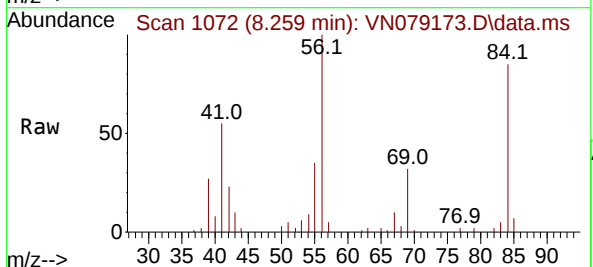
Manual Integrations
APPROVED

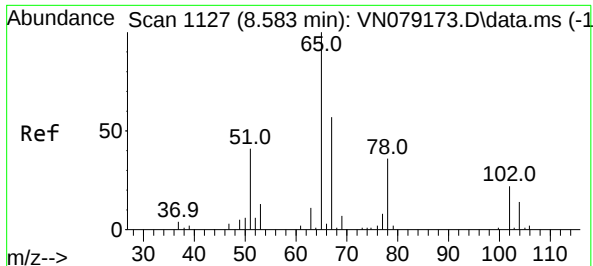
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#26
Cyclohexane
Concen: 19.388 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 56 Resp: 58863
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 71.1 106.7





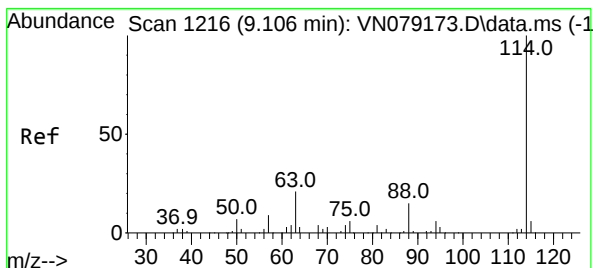
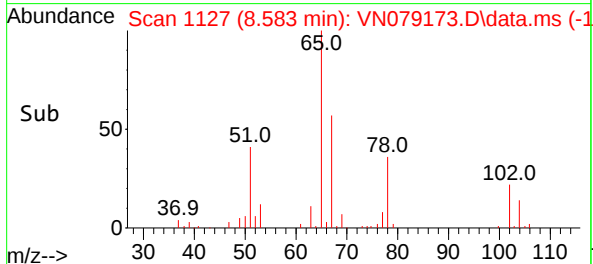
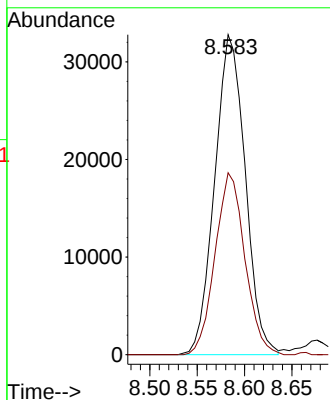
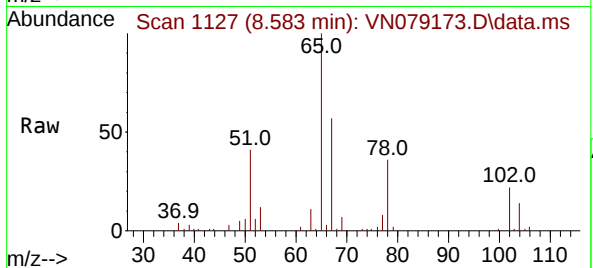
#27
1,2-Dichloroethane-d4
Concen: 28.894 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 7353
Ion Ratio Lower Upper
65 100
67 55.5 44.4 66.6

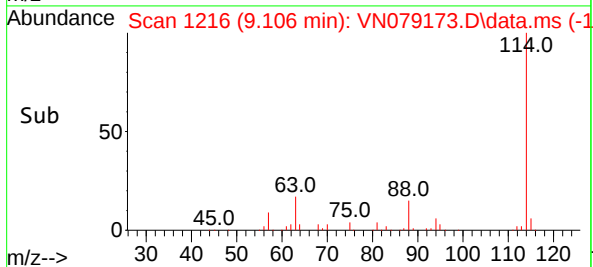
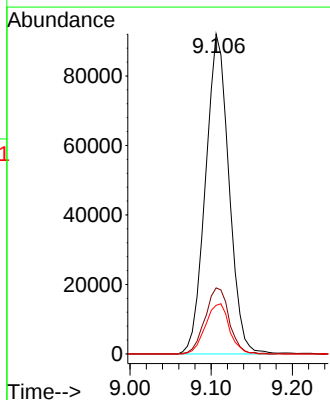
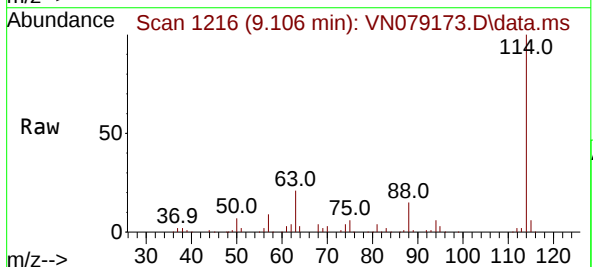
Manual Integrations
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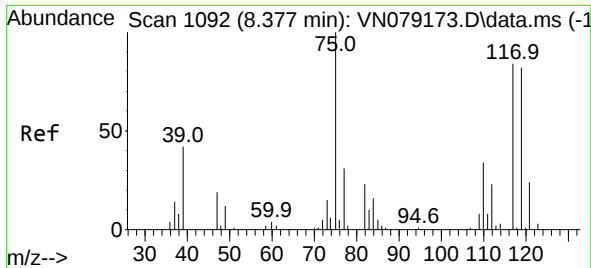
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion:114 Resp: 184800
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 16.0 12.8 19.2





#29

1,1-Dichloropropene

Concen: 18.790 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 5567

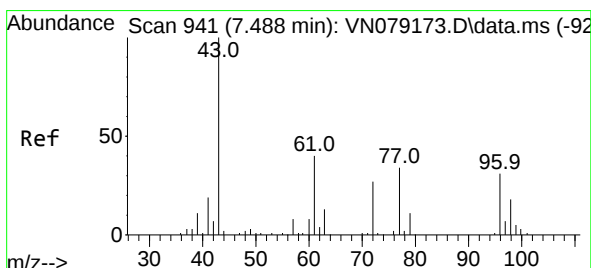
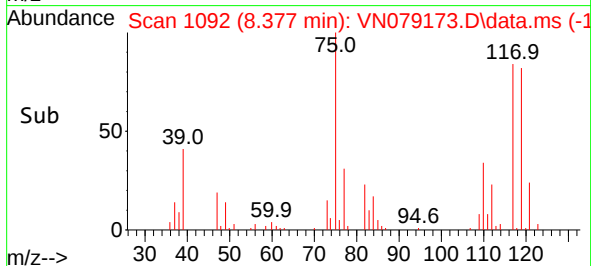
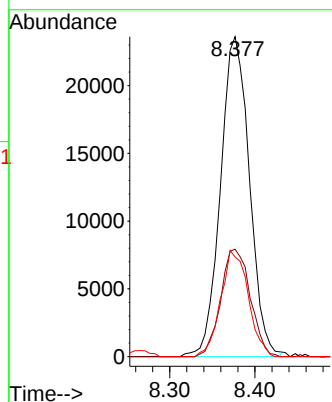
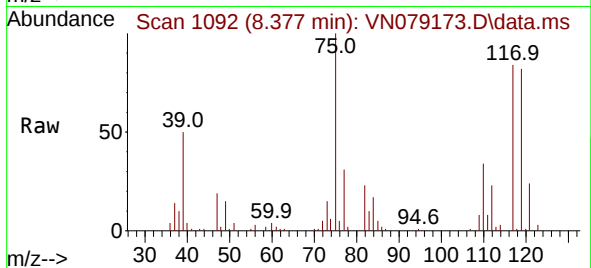
Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	68.4
77	31.6	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

2-Butanone

Concen: 101.345 ug/l

RT: 7.488 min Scan# 941

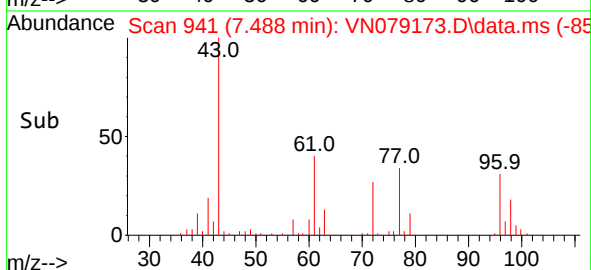
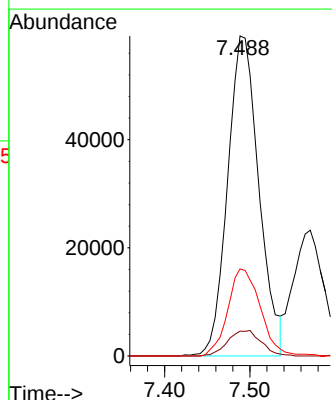
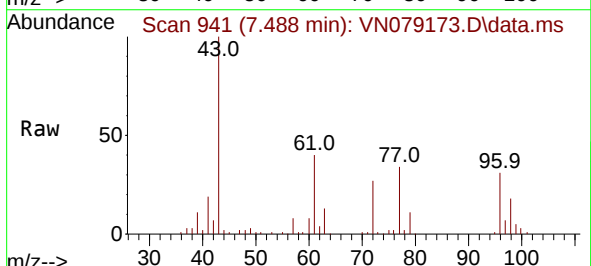
Delta R.T. 0.000 min

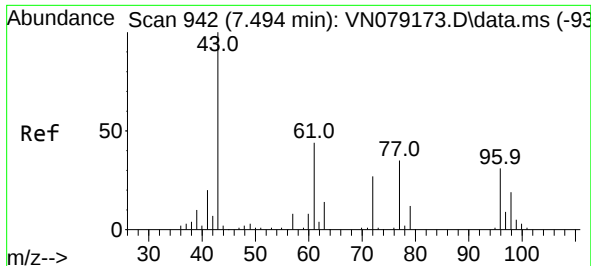
Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Tgt Ion: 43 Resp: 151033

Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	28.0	22.4	33.6





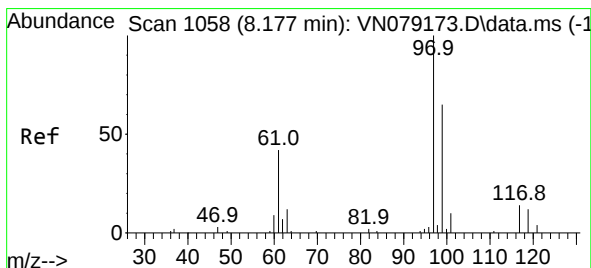
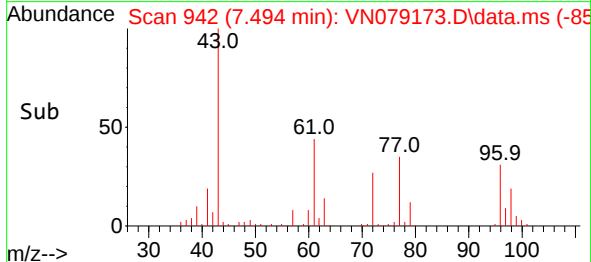
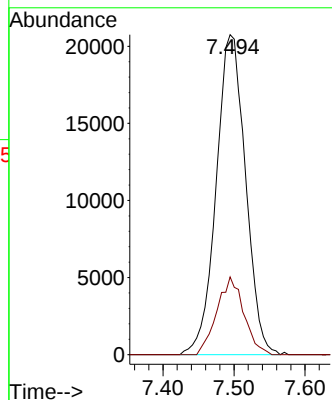
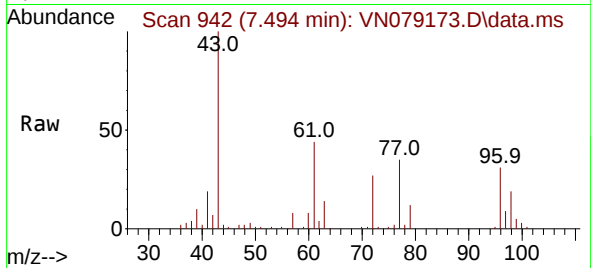
#31
2,2-Dichloropropane
Concen: 20.143 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 59530
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8

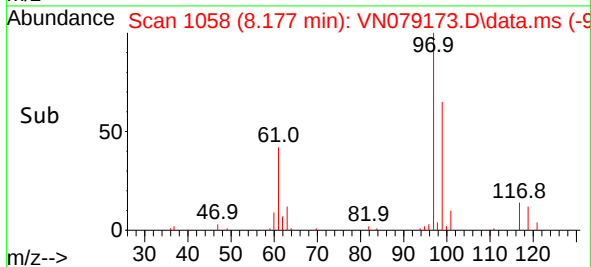
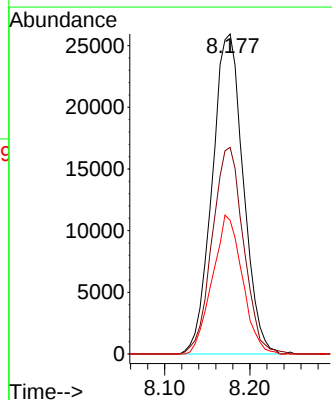
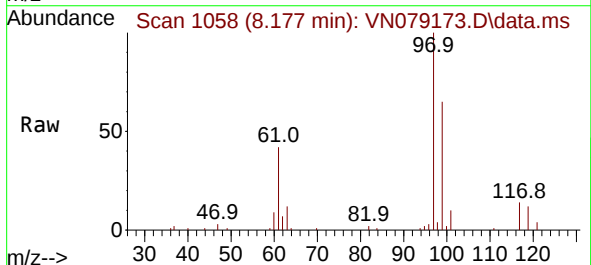
Manual Integrations
APPROVED

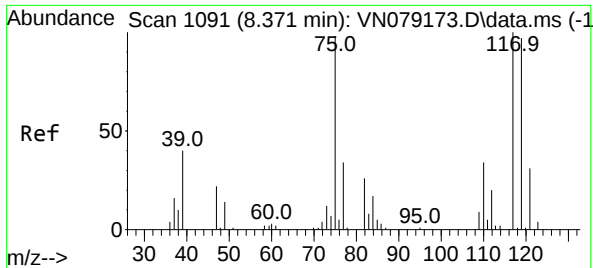
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#32
1,1,1-Trichloroethane
Concen: 18.852 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

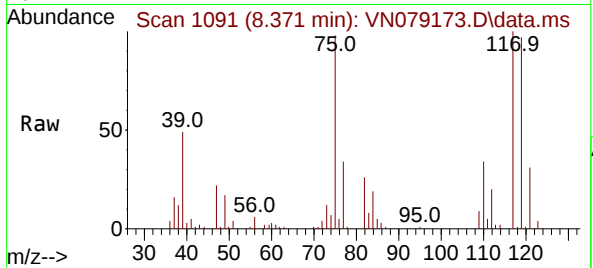
Tgt Ion: 97 Resp: 65807
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 41.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 25.442 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

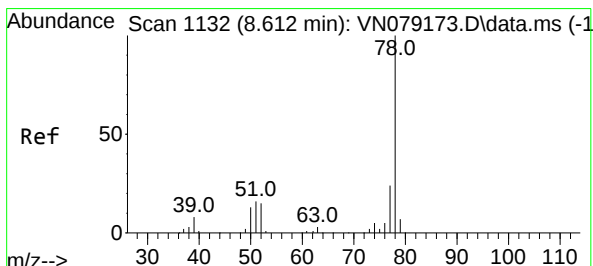
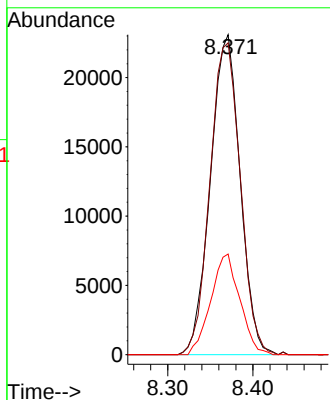
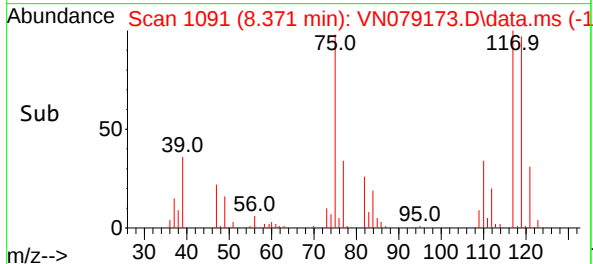
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 55950
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9
121 31.4 25.1 37.7

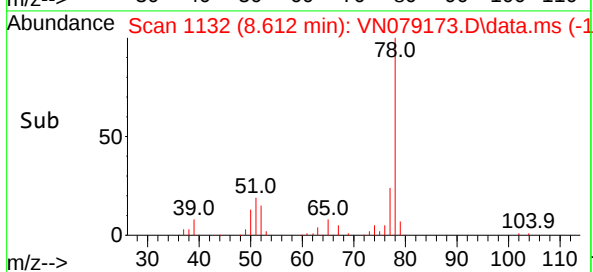
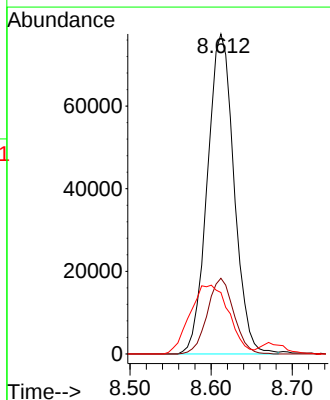
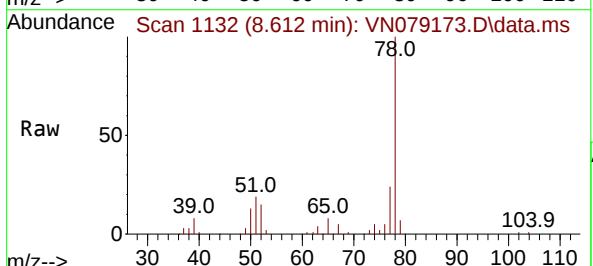
Manual Integrations
APPROVED

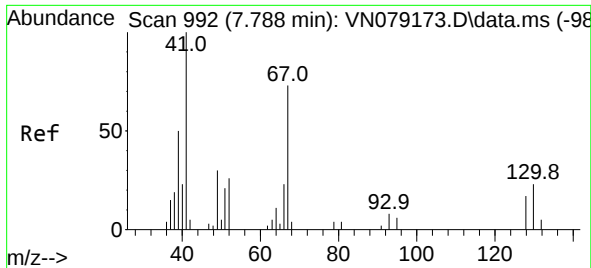
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
Benzene
Concen: 18.770 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

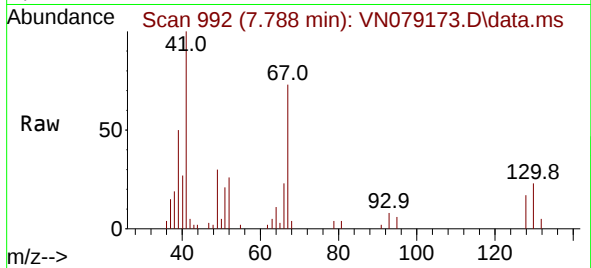
Tgt Ion: 78 Resp: 176696
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 16.4 13.1 19.7





#35
Methacrylonitrile
Concen: 19.608 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

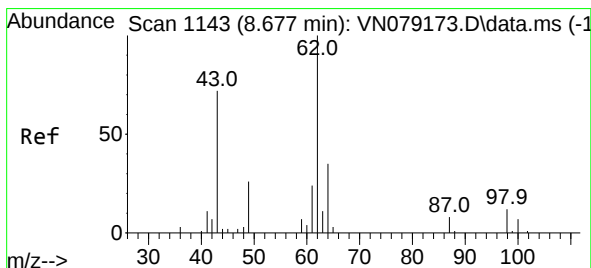
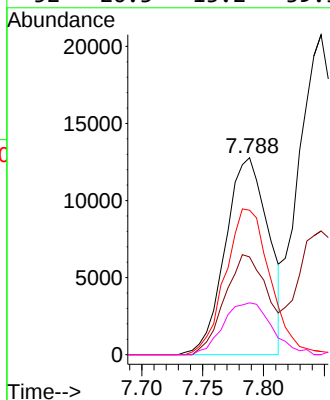
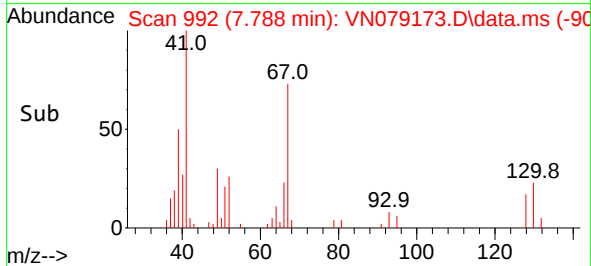
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 31464
Ion Ratio Lower Upper
41 100
39 49.7 24.9 74.6
67 73.4 36.7 110.1
52 26.3 13.2 39.5

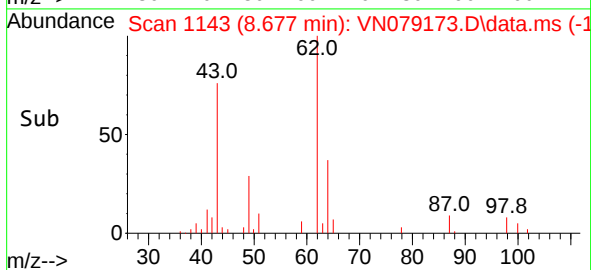
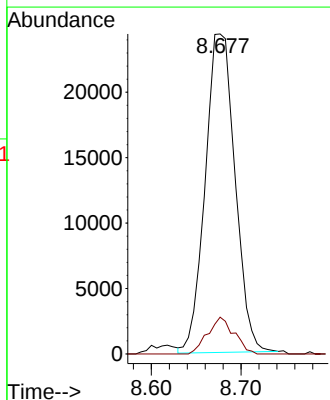
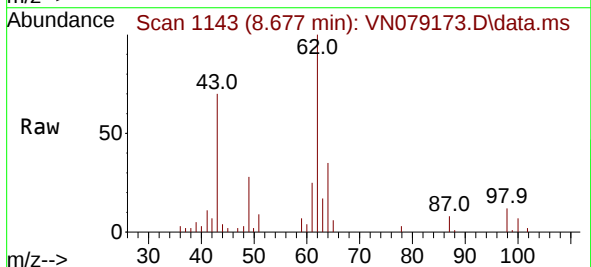
Manual Integrations
APPROVED

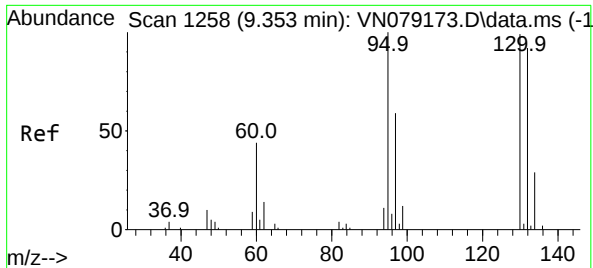
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#36
1,2-Dichloroethane
Concen: 18.129 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 62 Resp: 56285
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.2





#37

Trichloroethene

Concen: 17.920 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 3987

Ion Ratio Lower Upper

130 100

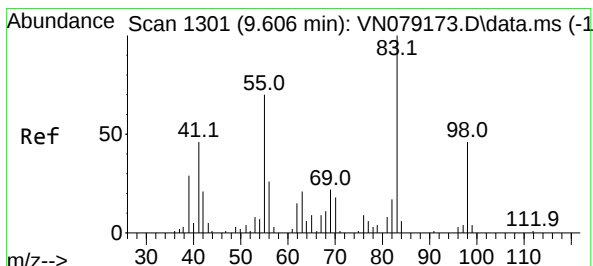
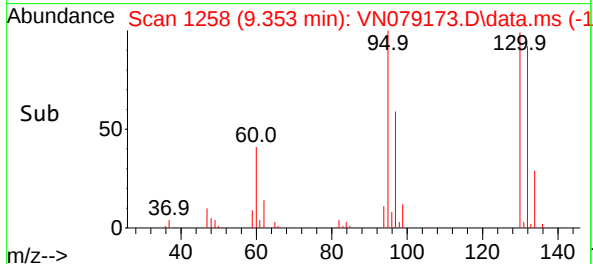
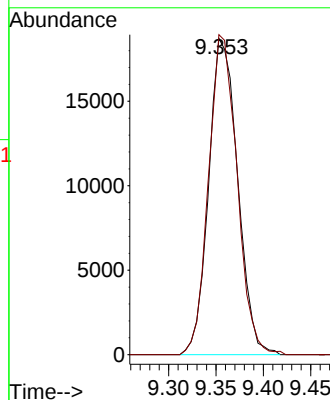
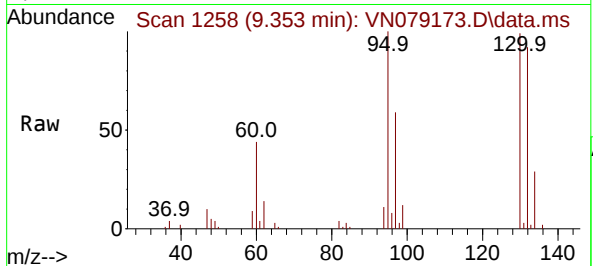
95 101.2 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Methylcyclohexane

Concen: 18.775 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

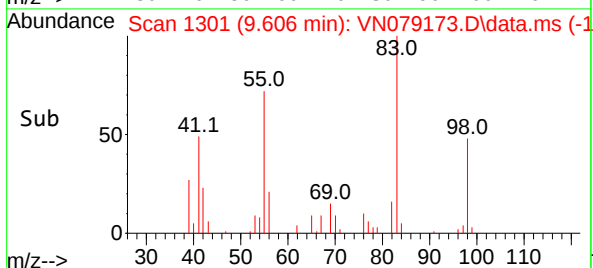
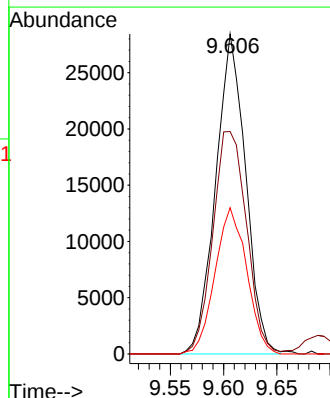
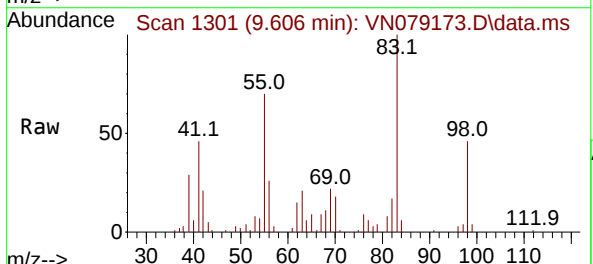
Tgt Ion: 83 Resp: 55614

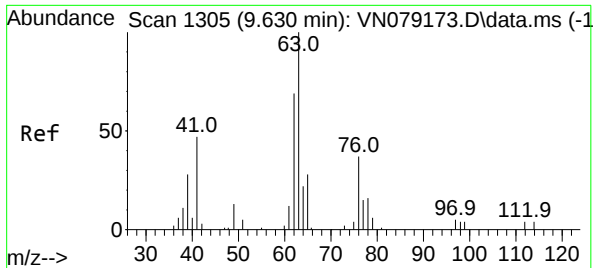
Ion Ratio Lower Upper

83 100

55 78.1 39.1 117.2

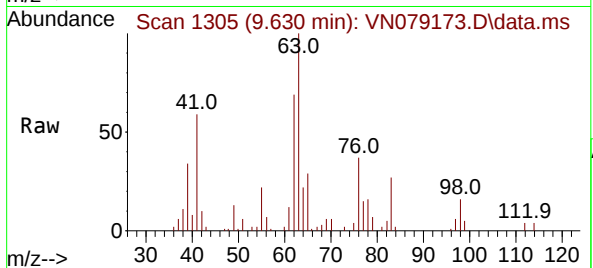
98 48.3 24.1 72.4





#39
1,2-Dichloropropane
Concen: 18.765 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

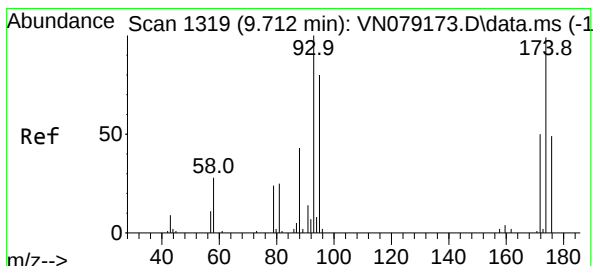
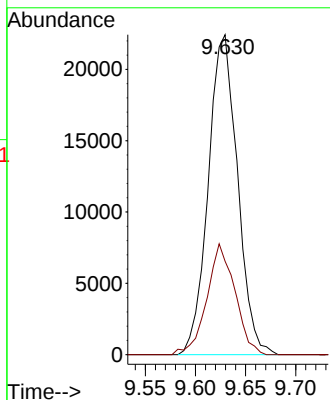
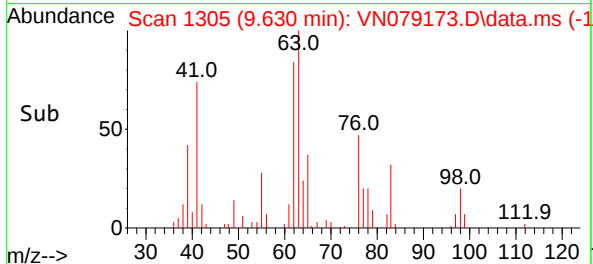
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 4556
Ion Ratio Lower Upper
63 100
65 29.2 23.4 35.0

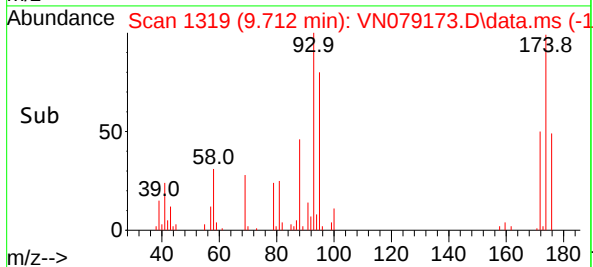
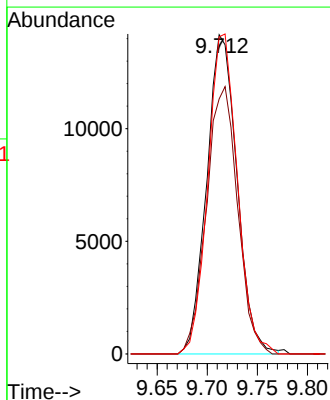
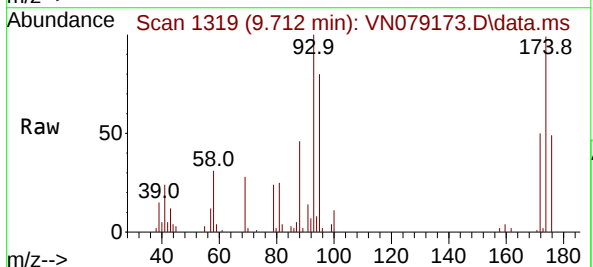
Manual Integrations
APPROVED

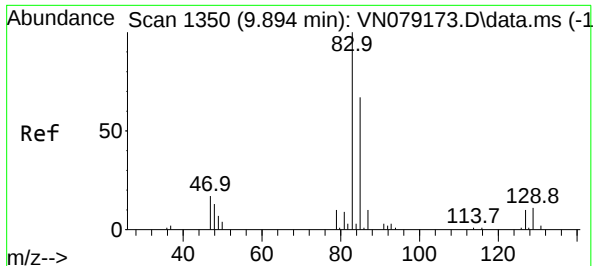
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#40
Dibromomethane
Concen: 18.581 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 93 Resp: 29755
Ion Ratio Lower Upper
93 100
95 86.2 0.0 172.4
174 97.4 0.0 192.4





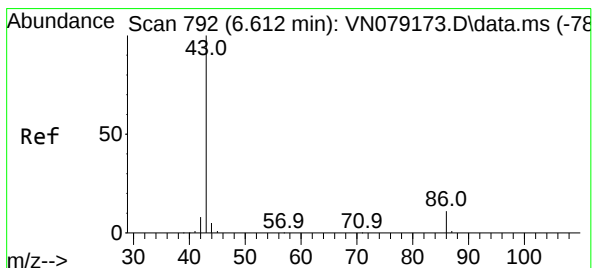
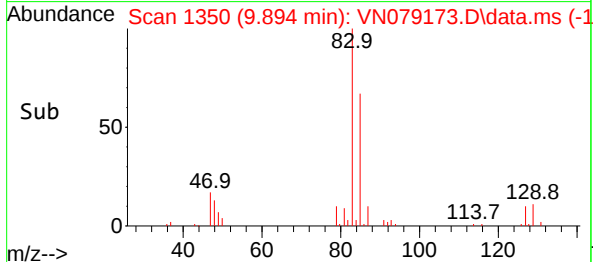
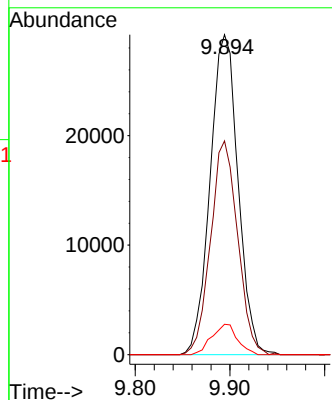
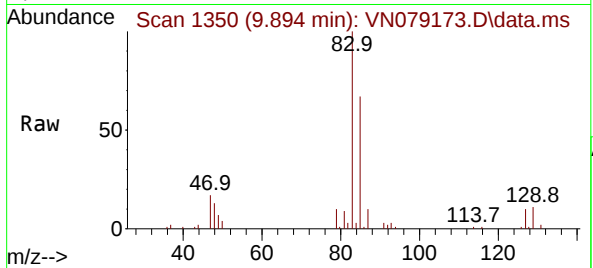
#41
Bromodichloromethane
Concen: 18.772 ug/l
RT: 9.894 min Scan# 11350
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 59924
Ion Ratio Lower Upper
83 100
85 66.8 53.4 80.2
127 9.5 8.3 12.5

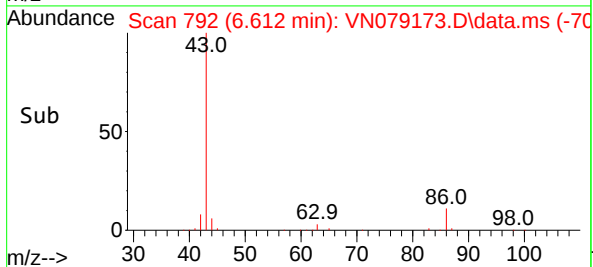
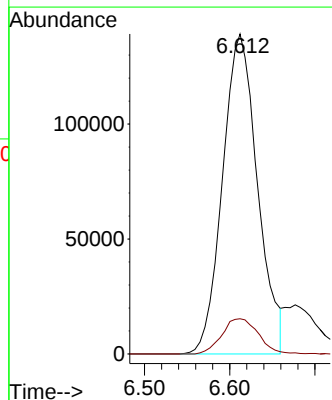
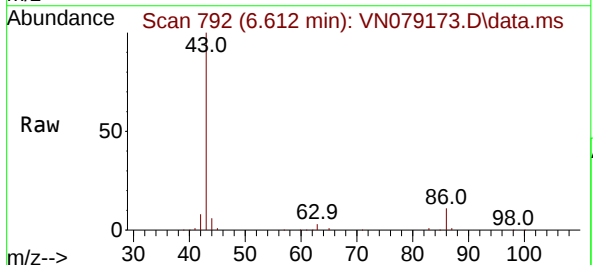
Manual Integrations
APPROVED

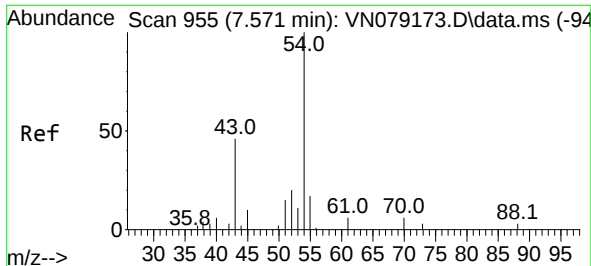
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
Vinyl Acetate
Concen: 112.208 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

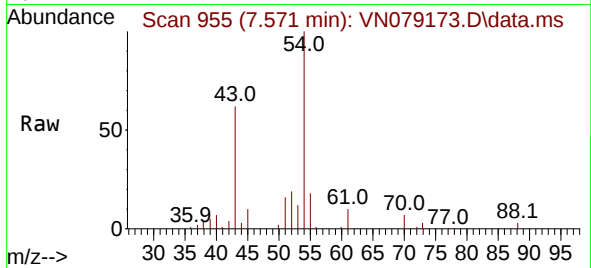
Tgt Ion: 43 Resp: 397132
Ion Ratio Lower Upper
43 100
86 11.5 9.2 13.8





#43
Ethyl Acetate
Concen: 21.176 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

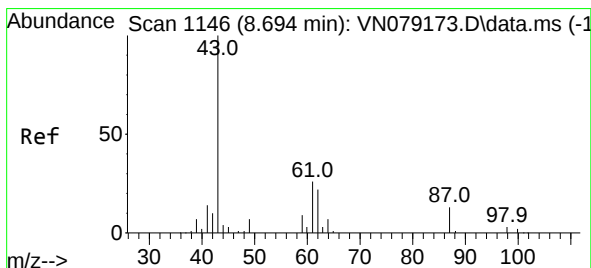
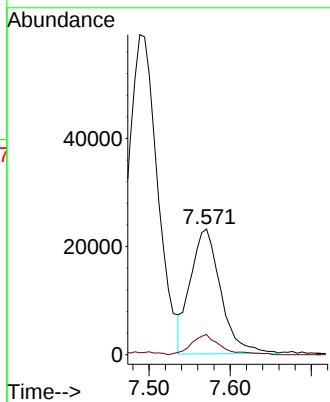
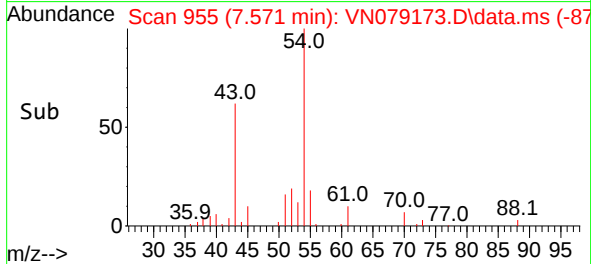
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 59938
Ion Ratio Lower Upper
43 100
45 13.9 11.1 16.7

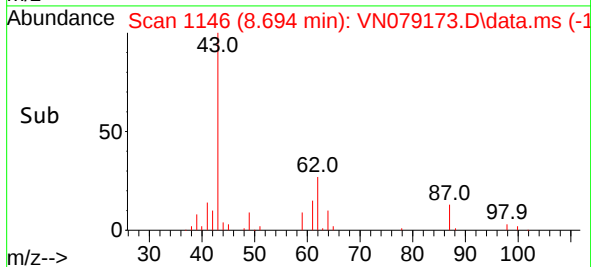
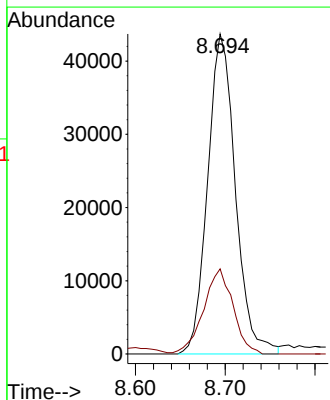
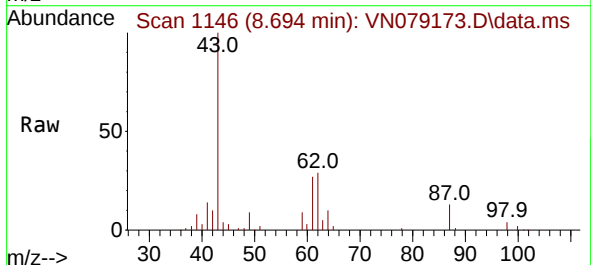
Manual Integrations
APPROVED

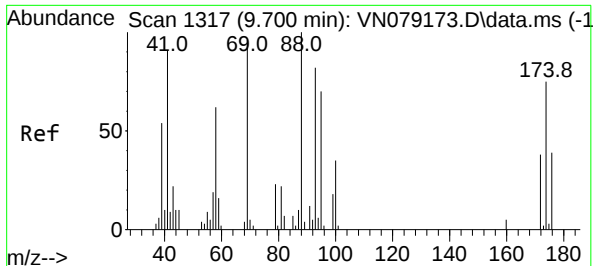
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#44
Isopropyl Acetate
Concen: 18.447 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

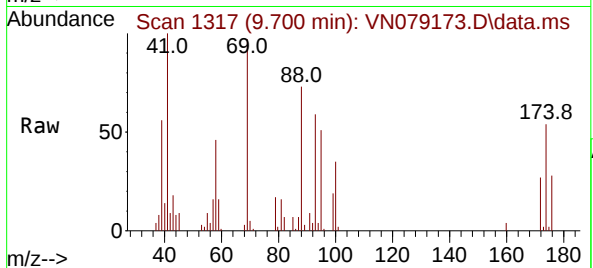
Tgt Ion: 43 Resp: 93921
Ion Ratio Lower Upper
43 100
61 28.2 22.6 33.8





#45
1,4-Dioxane
Concen: 361.224 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

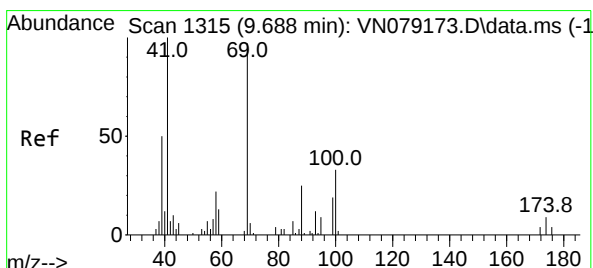
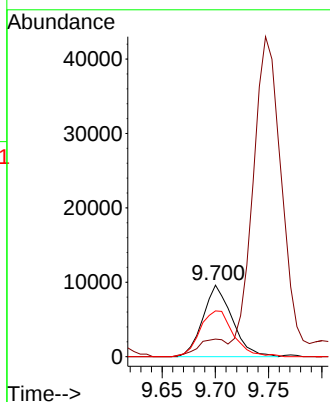
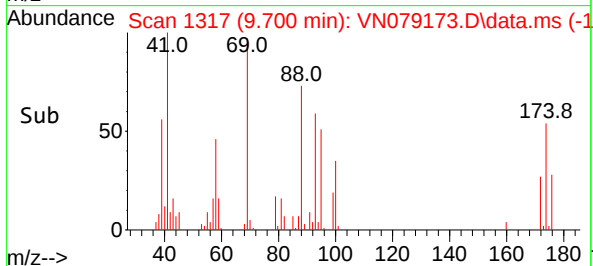
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



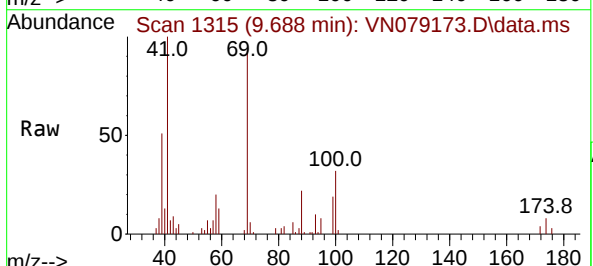
Tgt Ion: 88 Resp: 1830
Ion Ratio Lower Upper
88 100
43 24.9 19.9 29.9
58 72.5 58.0 87.0

Manual Integrations
APPROVED

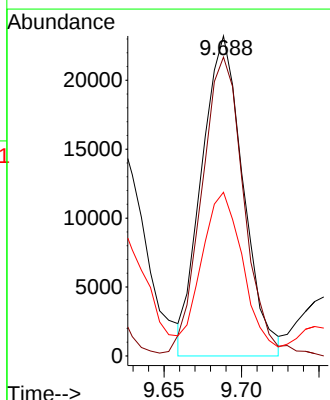
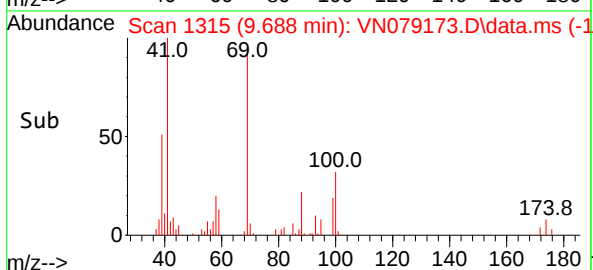
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

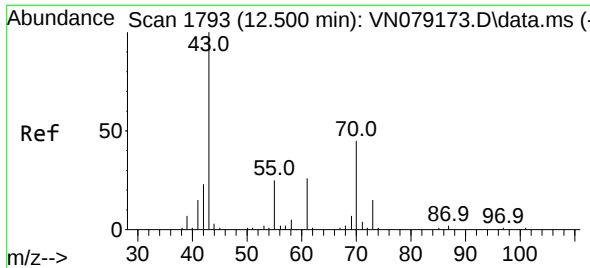


#46
Methyl methacrylate
Concen: 18.975 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



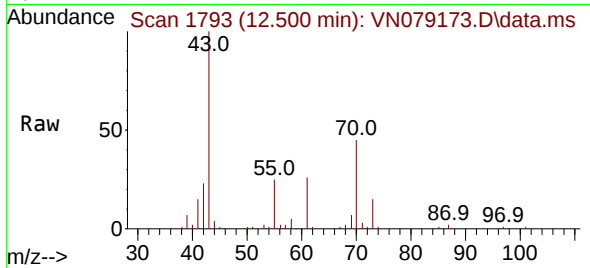
Tgt Ion: 41 Resp: 43162
Ion Ratio Lower Upper
41 100
69 96.2 48.1 144.3
39 51.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 17.960 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

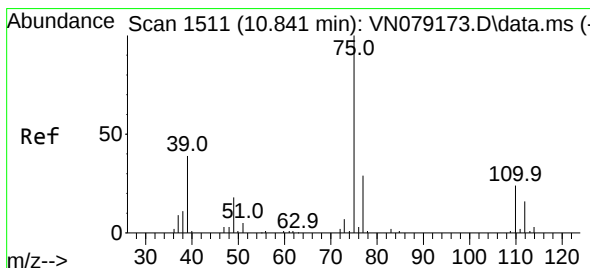
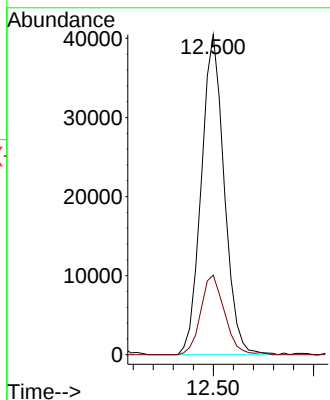
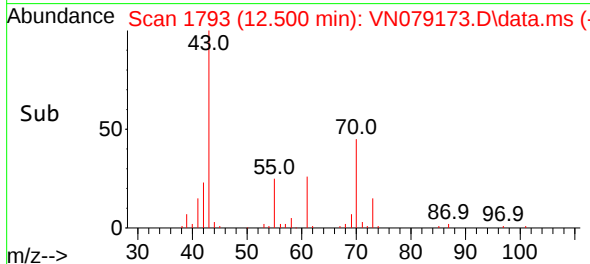
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 64309
Ion Ratio Lower Upper
43 100
55 25.6 20.5 30.7

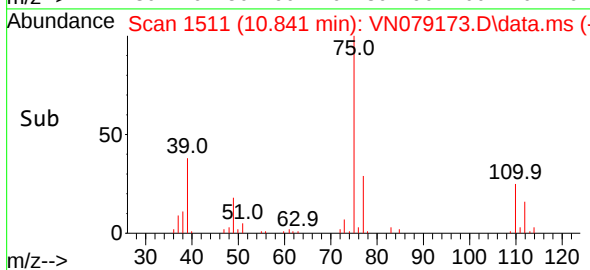
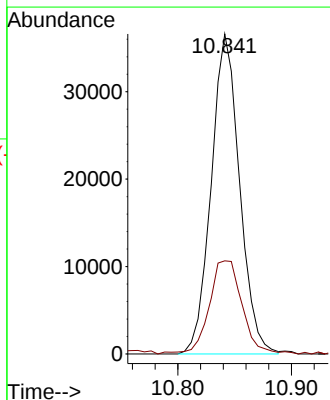
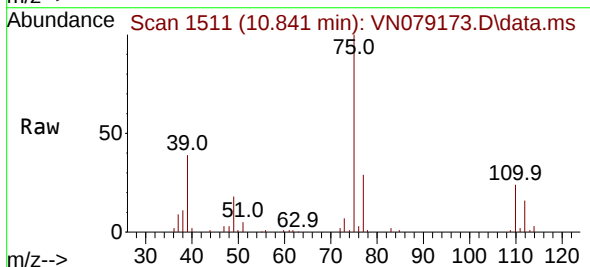
Manual Integrations
APPROVED

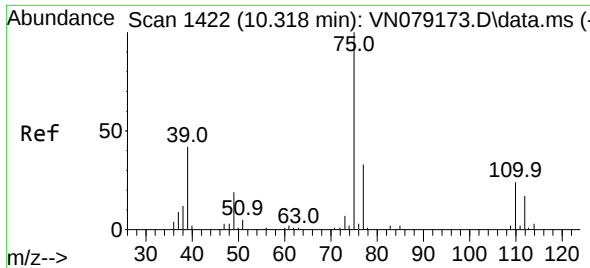
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
t-1,3-Dichloropropene
Concen: 18.402 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

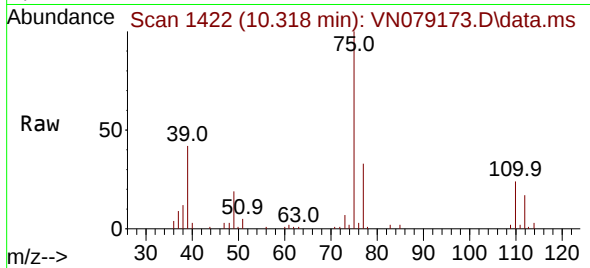
Tgt Ion: 75 Resp: 63551
Ion Ratio Lower Upper
75 100
77 28.6 22.9 34.3





#49
cis-1,3-Dichloropropene
Concen: 18.147 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

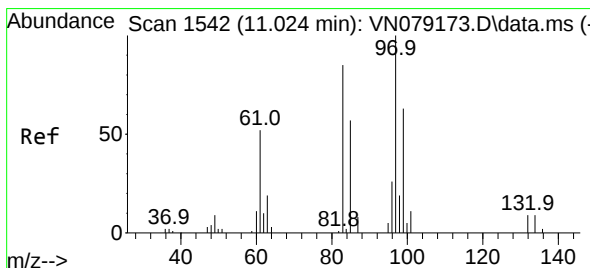
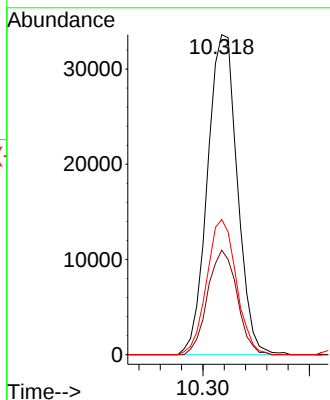
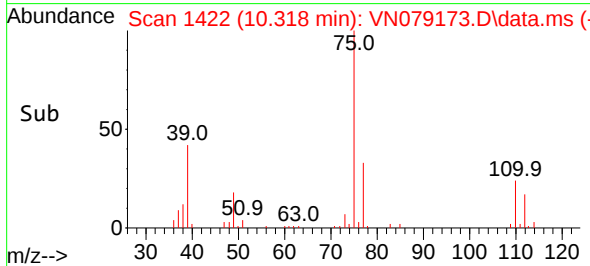
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 65372
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
39 42.3 33.8 50.8

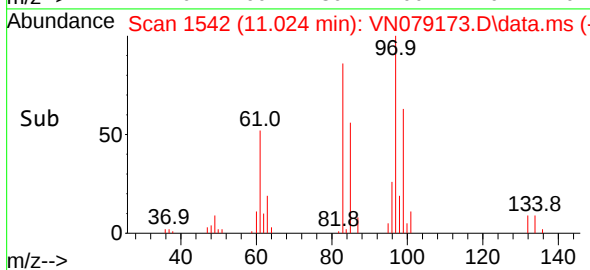
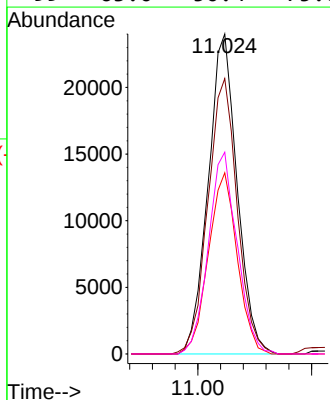
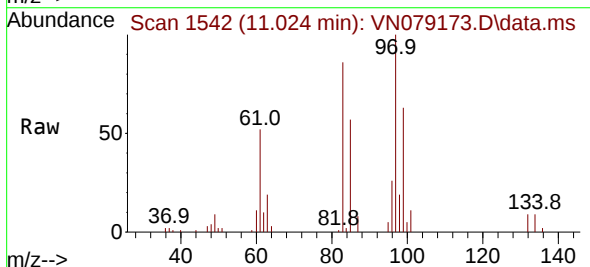
Manual Integrations
APPROVED

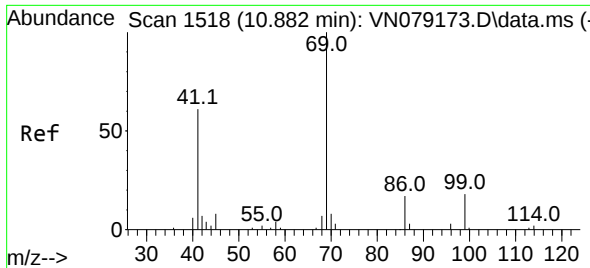
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
1,1,2-Trichloroethane
Concen: 18.918 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

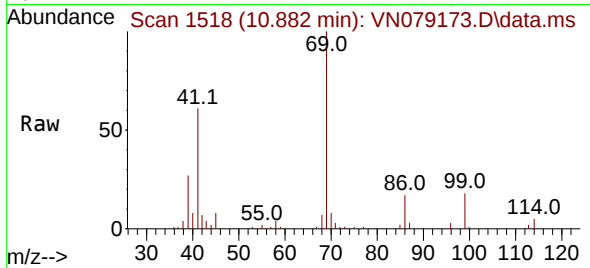
Tgt Ion: 97 Resp: 42514
Ion Ratio Lower Upper
97 100
83 86.1 68.9 103.3
85 56.6 45.3 67.9
99 63.0 50.4 75.6





#51
Ethyl methacrylate
Concen: 19.221 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

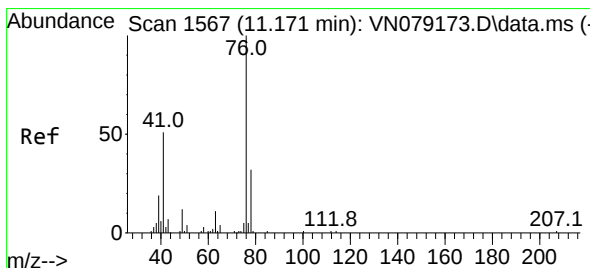
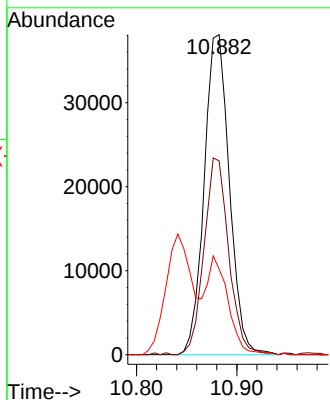
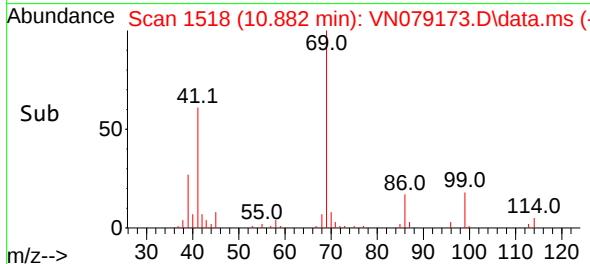
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



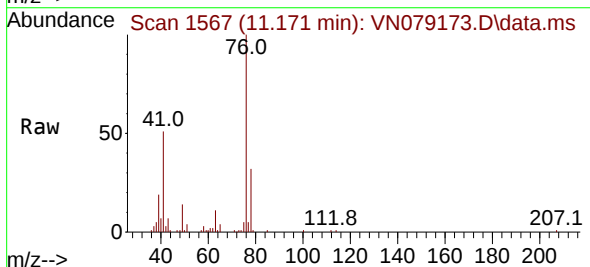
Tgt Ion: 69 Resp: 6668
Ion Ratio Lower Upper
69 100
41 60.6 30.3 90.9
39 26.7 13.4 40.1

Manual Integrations
APPROVED

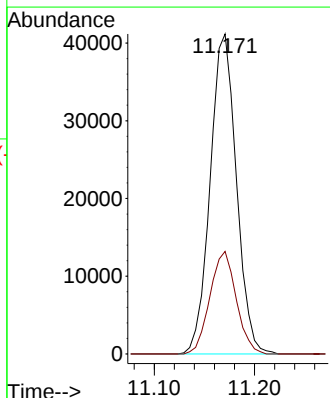
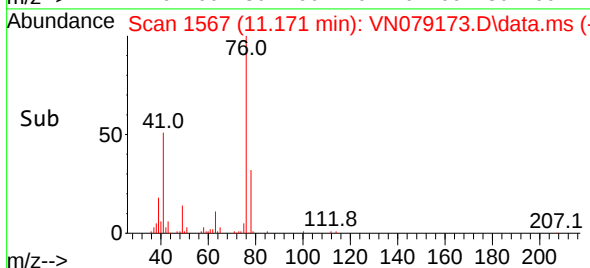
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

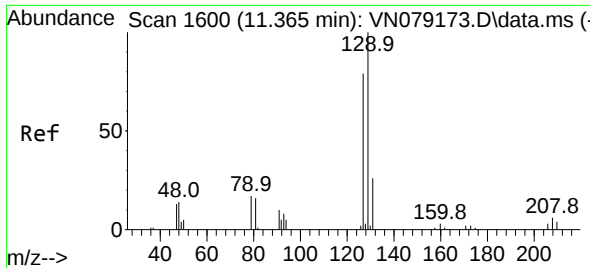


#52
1,3-Dichloropropane
Concen: 19.497 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



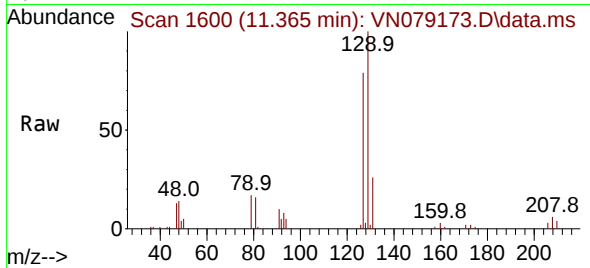
Tgt Ion: 76 Resp: 74777
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





#53
Dibromochloromethane
Concen: 18.678 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

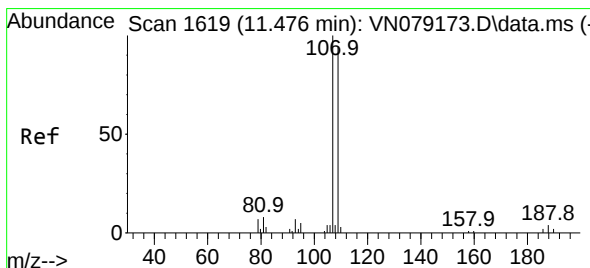
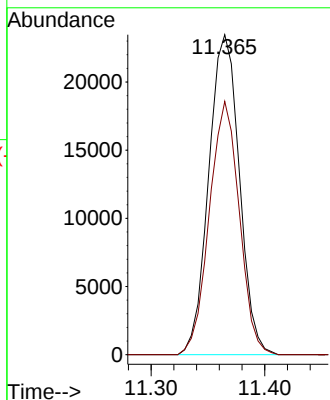
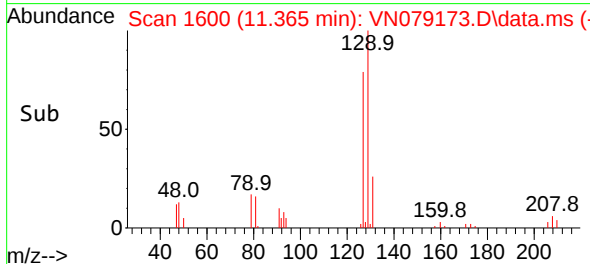
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



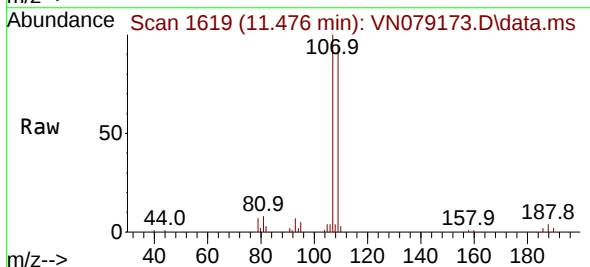
Tgt Ion:129 Resp: 44010
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

Manual Integrations
APPROVED

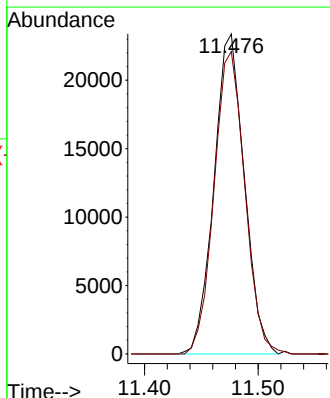
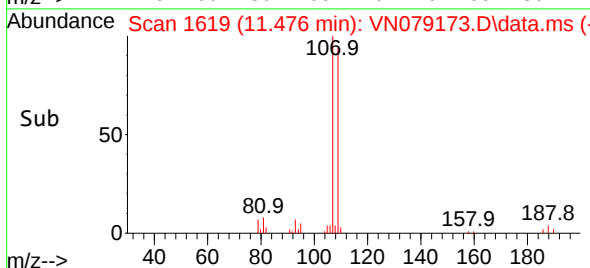
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

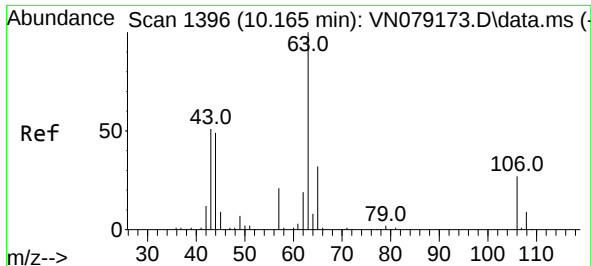


#54
1,2-Dibromoethane
Concen: 19.060 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



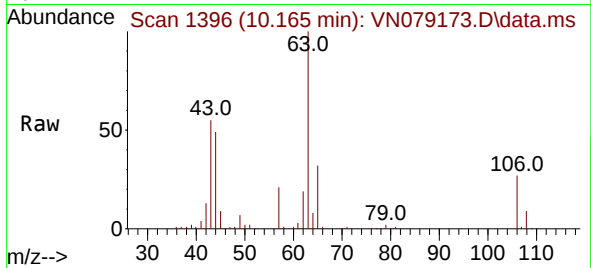
Tgt Ion:107 Resp: 43439
Ion Ratio Lower Upper
107 100
109 95.5 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 93.168 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

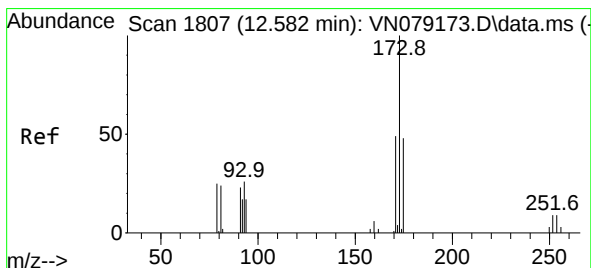
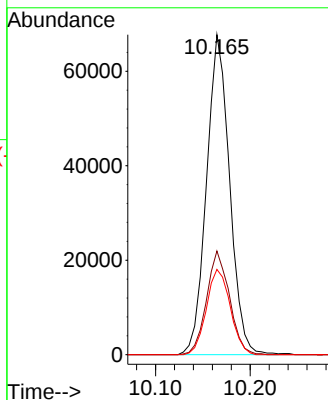
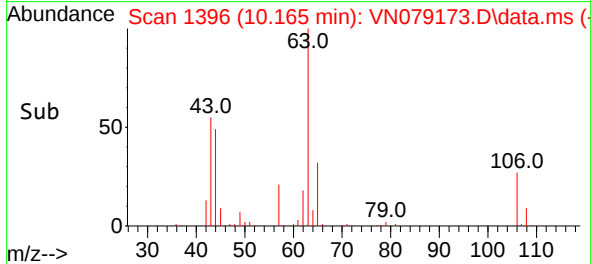
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 114850
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.4 21.9 32.9

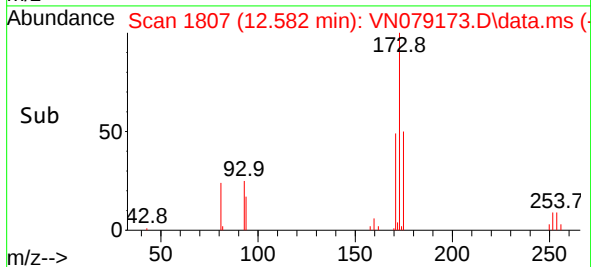
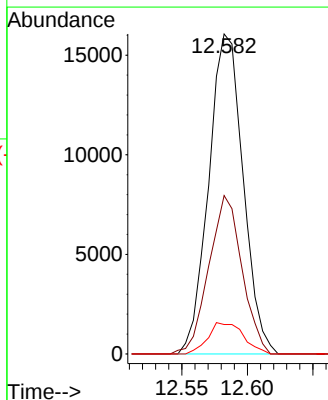
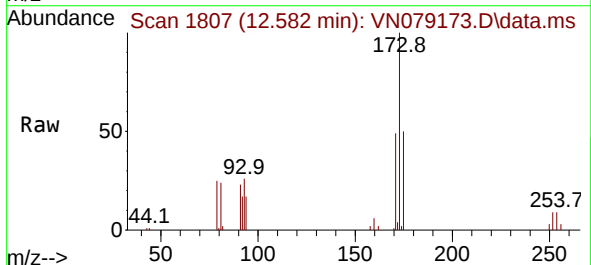
Manual Integrations
APPROVED

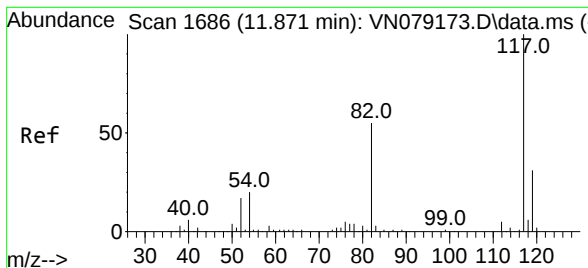
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Bromoform
Concen: 17.865 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

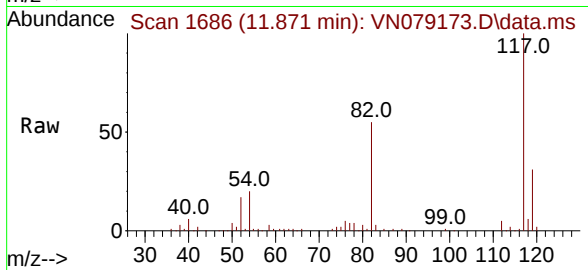
Tgt Ion:173 Resp: 29304
Ion Ratio Lower Upper
173 100
175 47.6 37.6 56.4
254 10.1 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

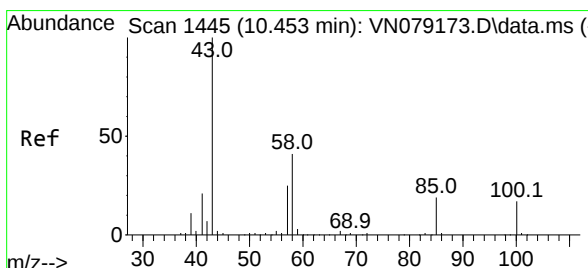
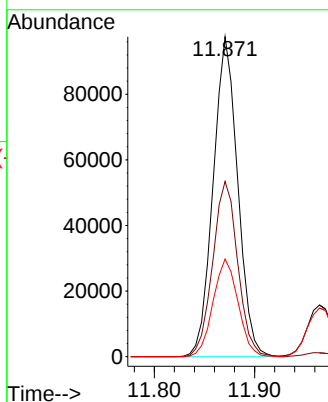
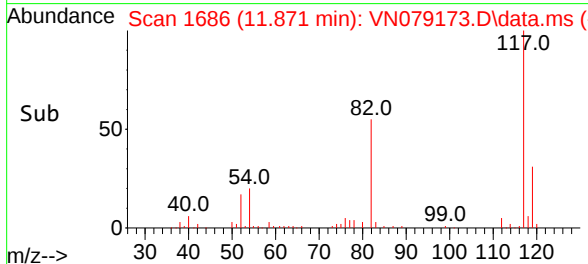
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



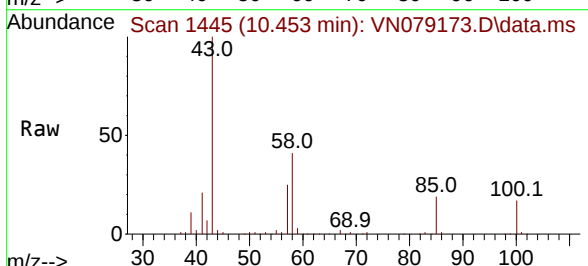
Tgt Ion:117 Resp: 165539
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.1 24.9 37.3

Manual Integrations
APPROVED

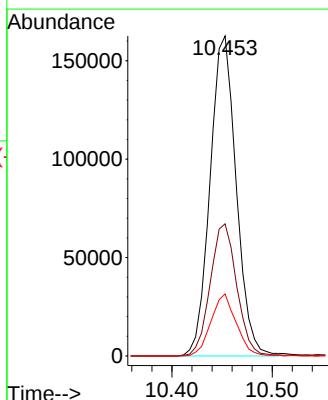
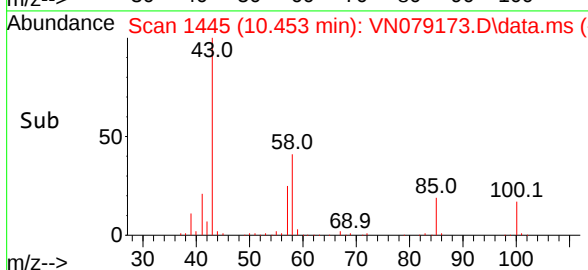
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

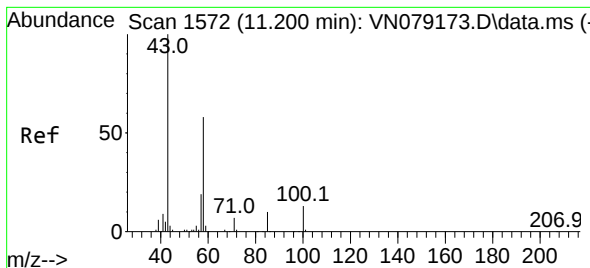


#58
4-Methyl-2-Pentanone
Concen: 96.965 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



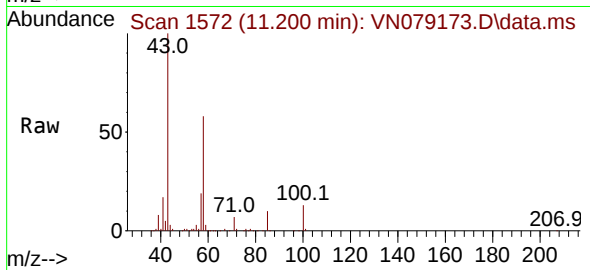
Tgt Ion: 43 Resp: 294553
Ion Ratio Lower Upper
43 100
58 42.0 33.6 50.4
85 18.7 15.0 22.4





#59
2-Hexanone
Concen: 101.230 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

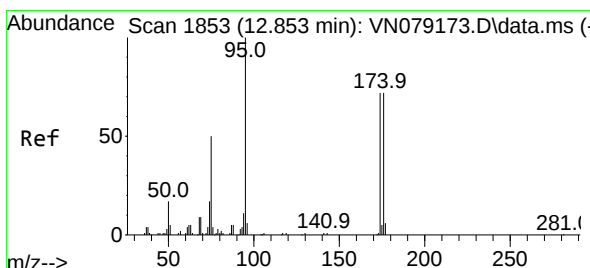
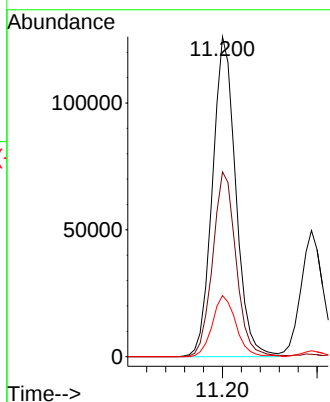
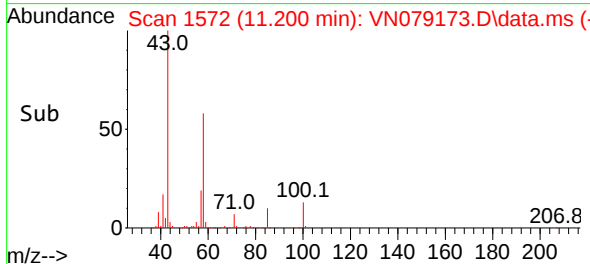
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 215962
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 19.1 15.3 22.9

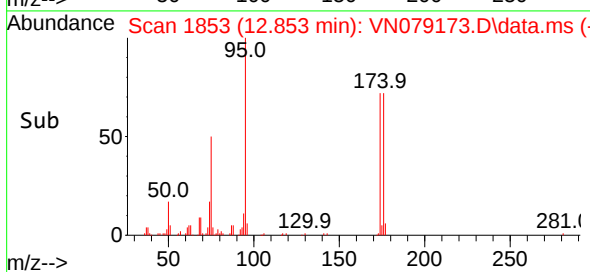
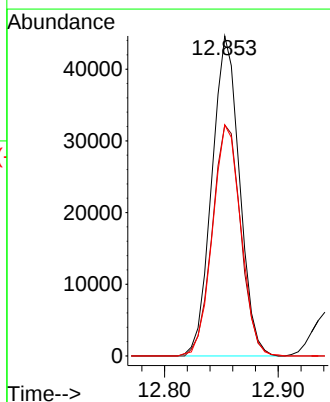
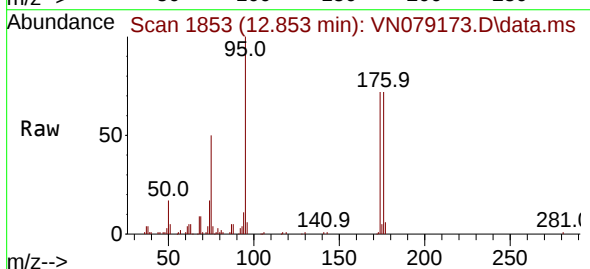
Manual Integrations
APPROVED

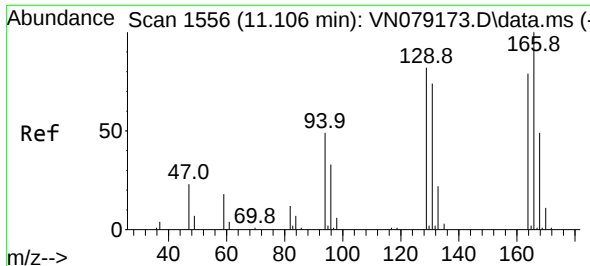
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
4-Bromofluorobenzene
Concen: 30.972 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

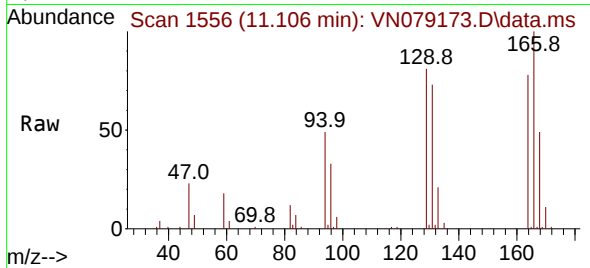
Tgt Ion: 95 Resp: 75544
Ion Ratio Lower Upper
95 100
174 74.4 59.5 89.3
176 73.9 59.1 88.7





#61
Tetrachloroethene
Concen: 19.780 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

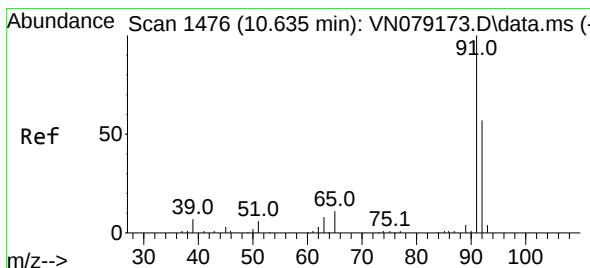
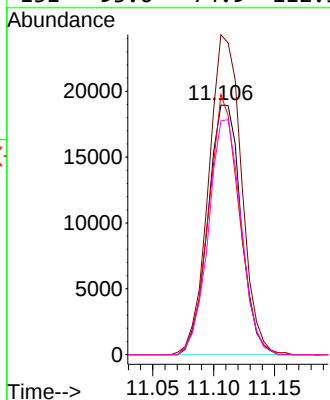
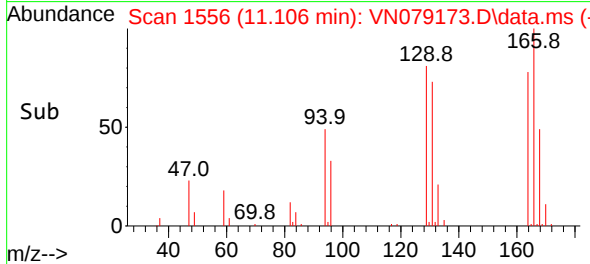
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



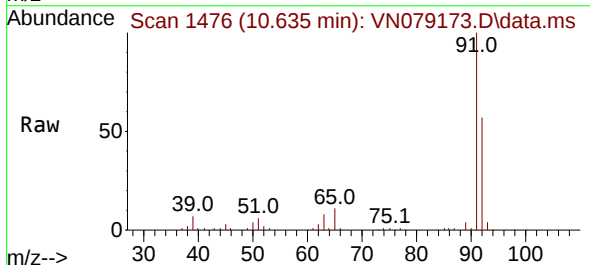
Tgt Ion:164 Resp: 35628
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 104.2 83.4 125.0
131 93.6 74.9 112.3

Manual Integrations
APPROVED

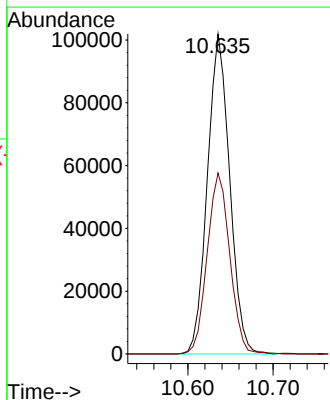
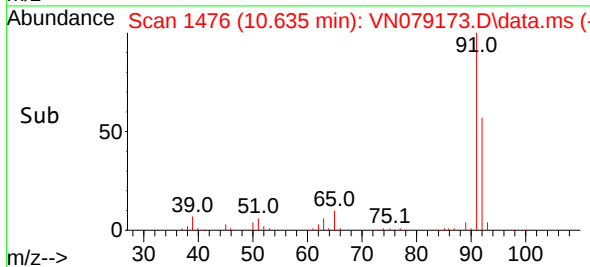
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

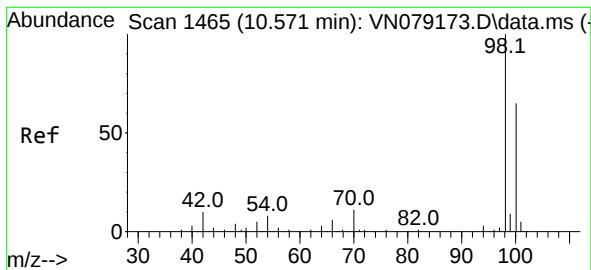


#62
Toluene
Concen: 19.240 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



Tgt Ion: 91 Resp: 185441
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





#63

Toluene-d8

Concen: 29.861 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 231014

Ion Ratio Lower Upper

98 100

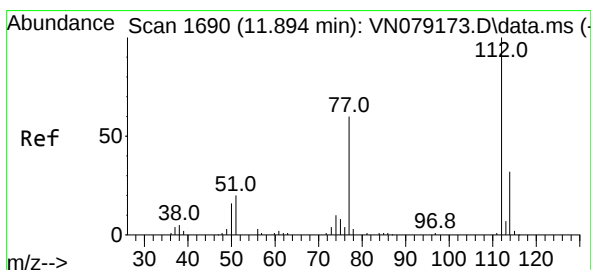
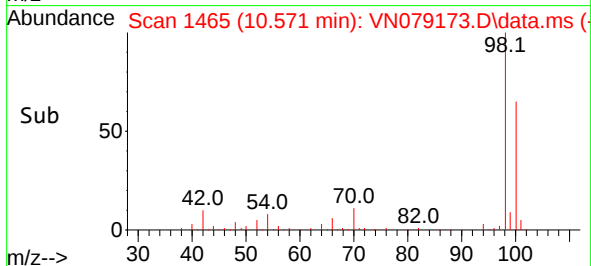
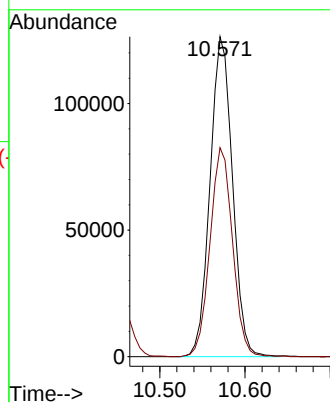
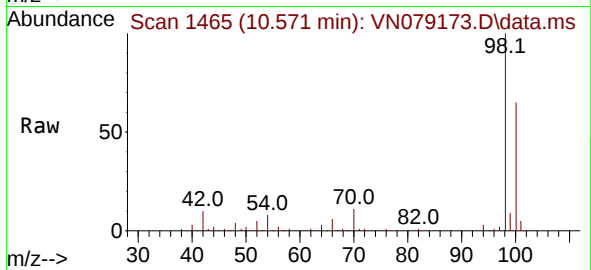
100 65.6 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#64

Chlorobenzene

Concen: 18.980 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079173.D

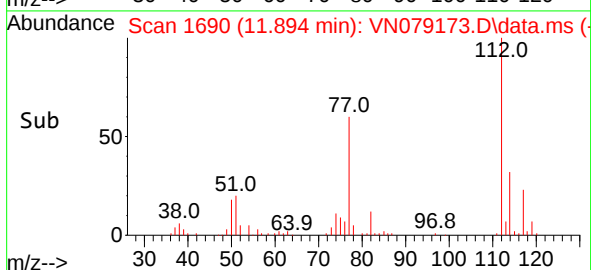
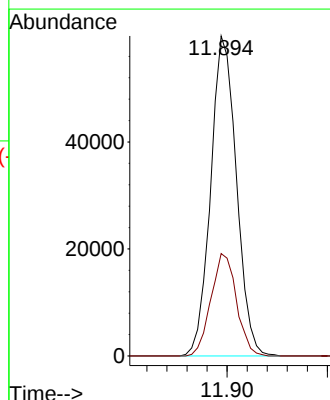
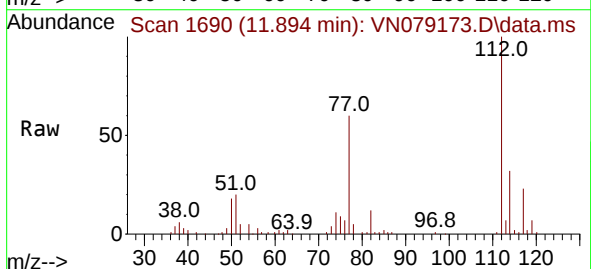
Acq: 07 Sep 2023 10:44

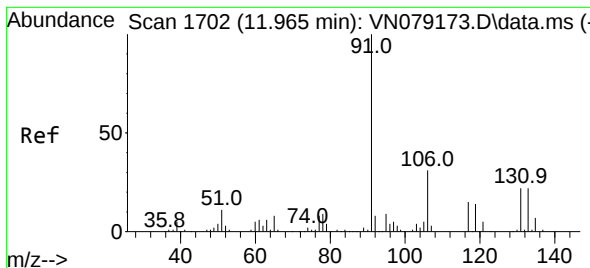
Tgt Ion:112 Resp: 106721

Ion Ratio Lower Upper

112 100

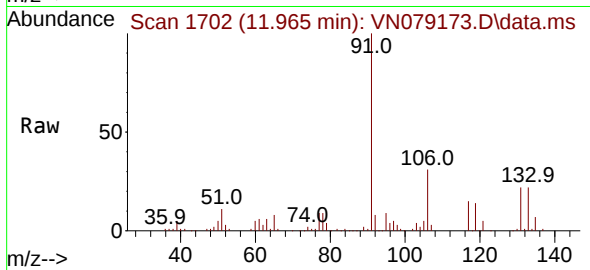
114 32.0 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.943 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

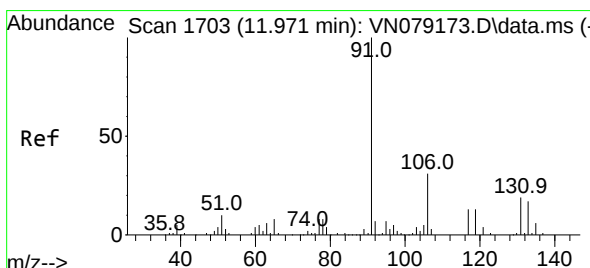
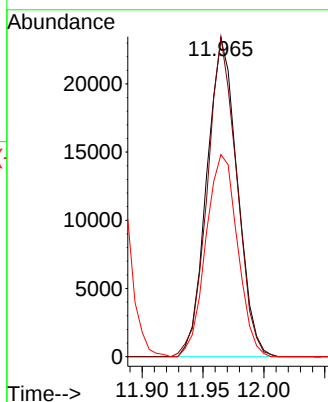
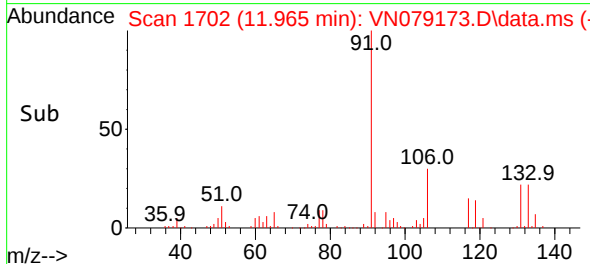
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 40779
Ion Ratio Lower Upper
131 100
133 96.5 0.0 193.0
119 65.6 0.0 131.2

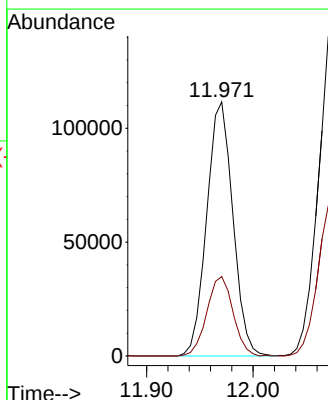
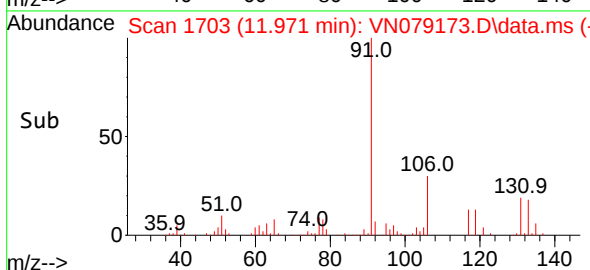
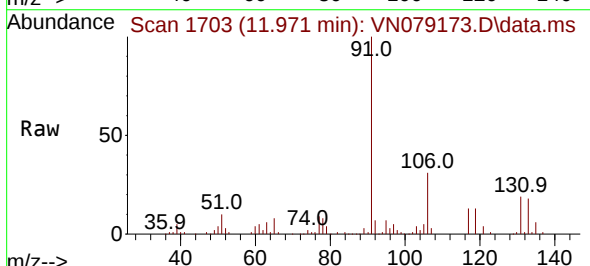
Manual Integrations
APPROVED

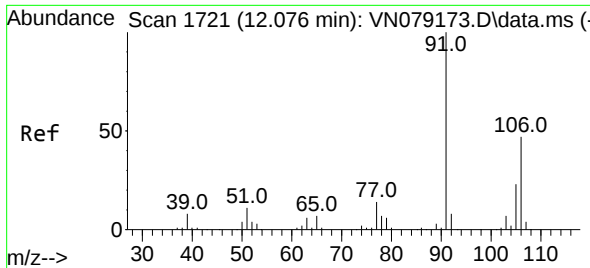
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
Ethyl Benzene
Concen: 19.609 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 91 Resp: 190303
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6





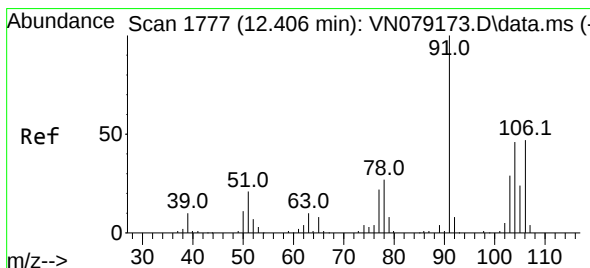
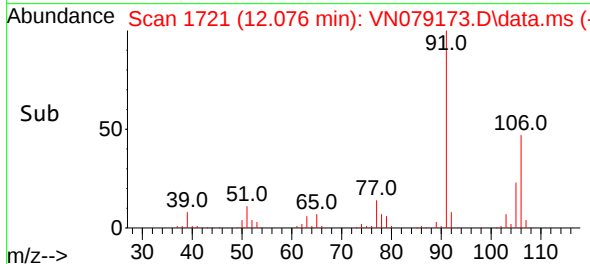
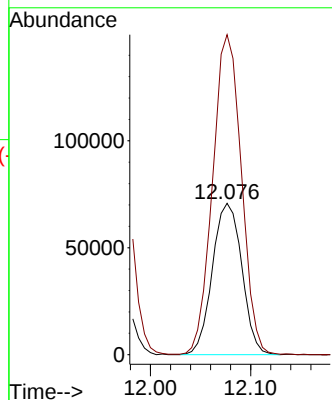
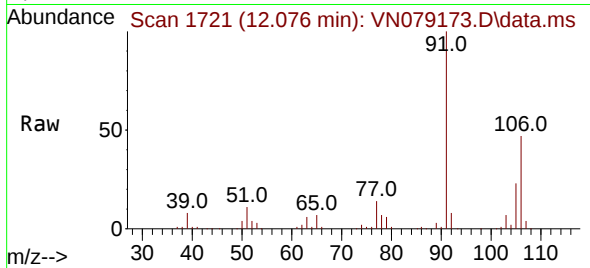
#67
m/p-Xylenes
Concen: 39.589 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 144564
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8

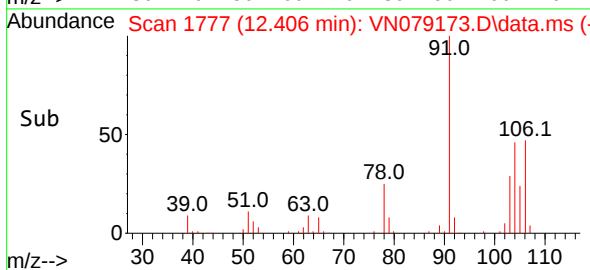
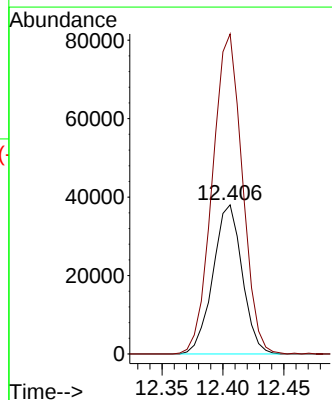
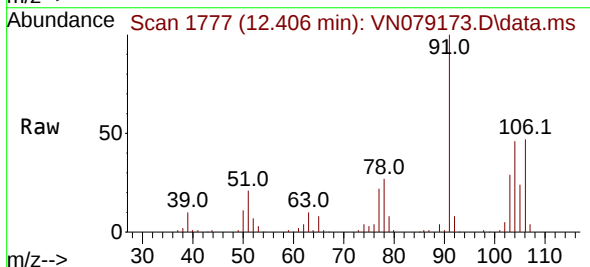
Manual Integrations
APPROVED

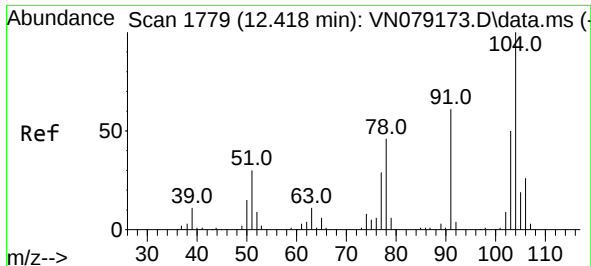
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
o-Xylene
Concen: 18.015 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

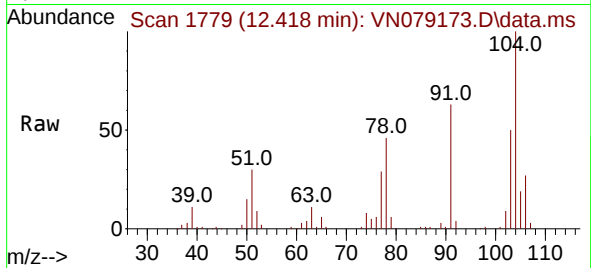
Tgt Ion:106 Resp: 63470
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.1





#69
Styrene
Concen: 18.630 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

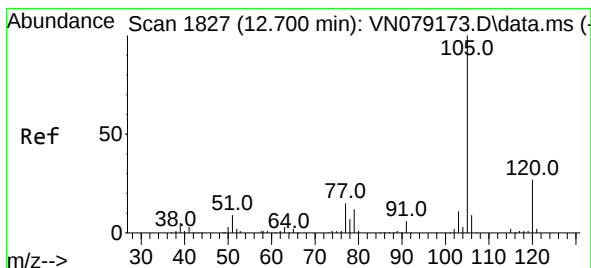
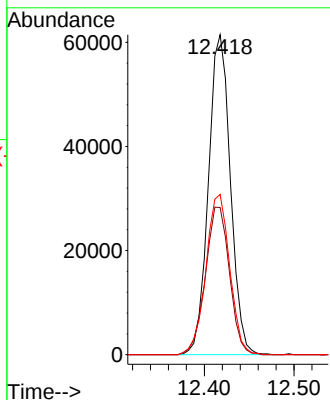
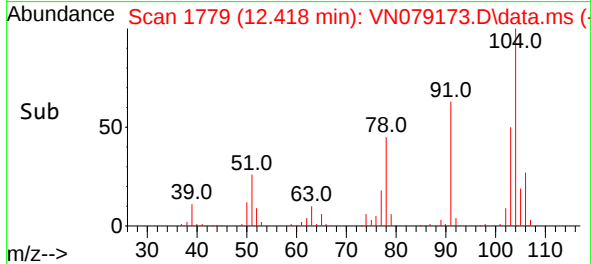
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



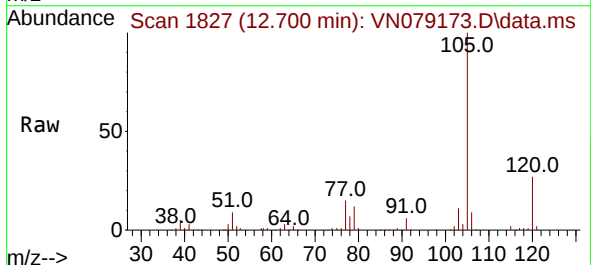
Tgt Ion:104 Resp: 104644
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 54.1 43.3 64.9

Manual Integrations
APPROVED

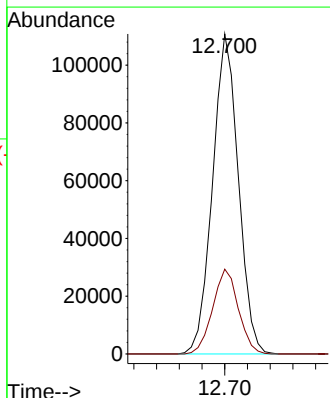
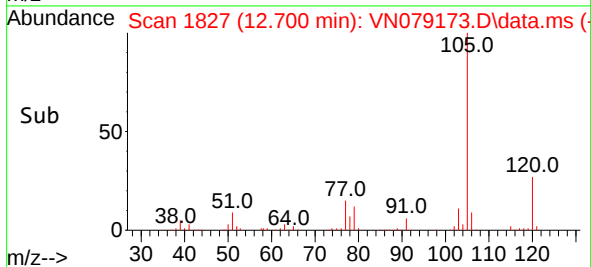
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

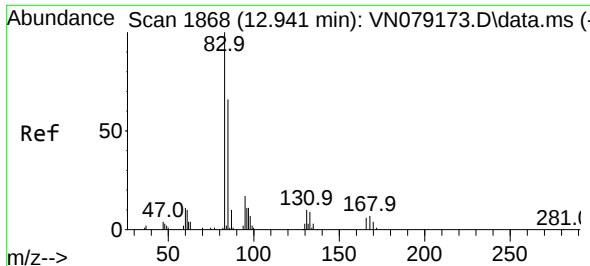


#70
Isopropylbenzene
Concen: 19.501 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



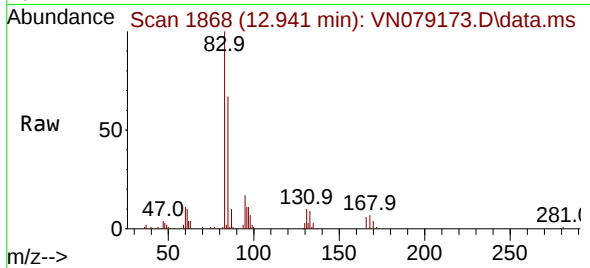
Tgt Ion:105 Resp: 174558
Ion Ratio Lower Upper
105 100
120 26.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.033 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

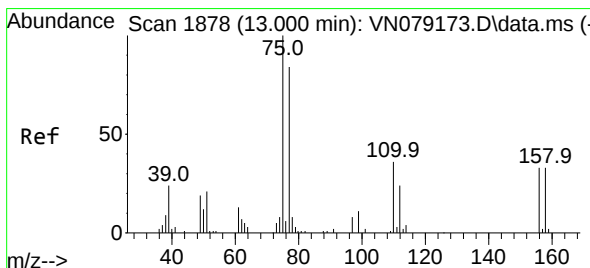
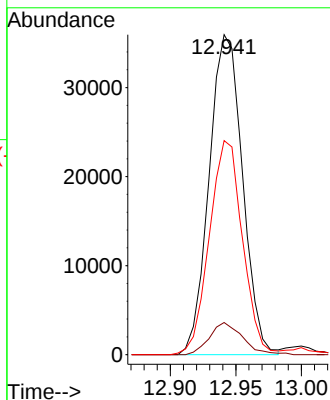
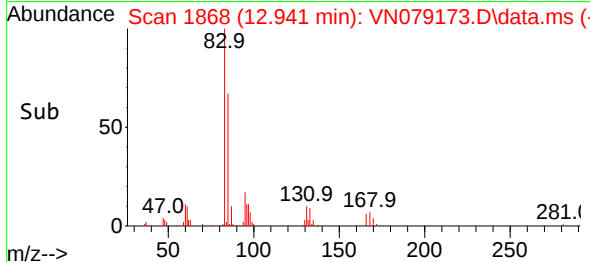
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



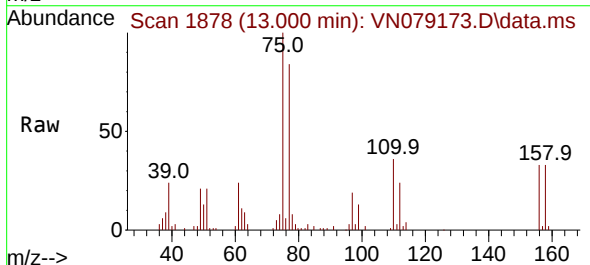
Tgt Ion: 83 Resp: 63732
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 66.2 33.1 99.3

Manual Integrations
APPROVED

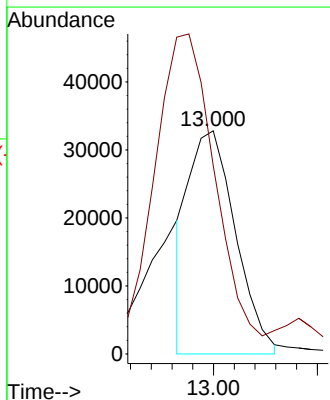
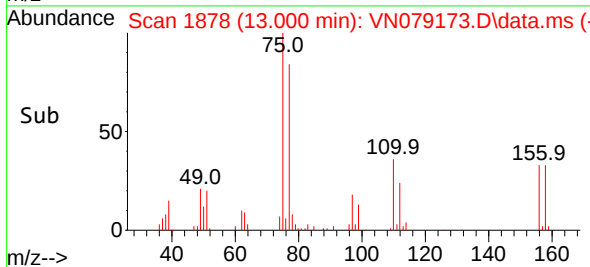
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

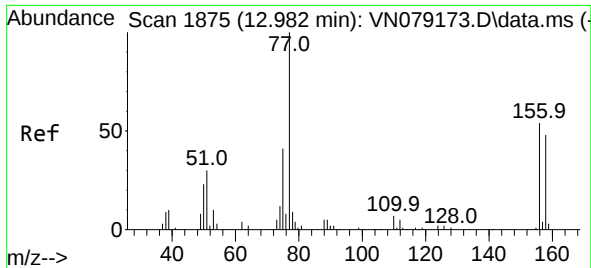


#72
1,2,3-Trichloropropane
Concen: 16.898 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



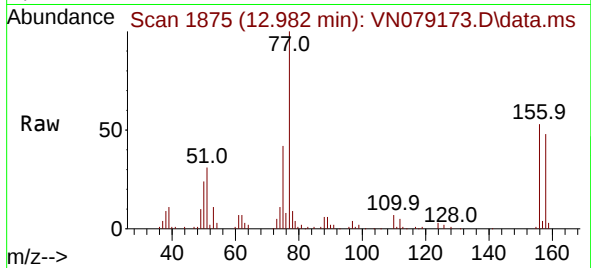
Tgt Ion: 75 Resp: 51511
Ion Ratio Lower Upper
75 100
77 189.1 0.0 252.2





#73
Bromobenzene
Concen: 19.503 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

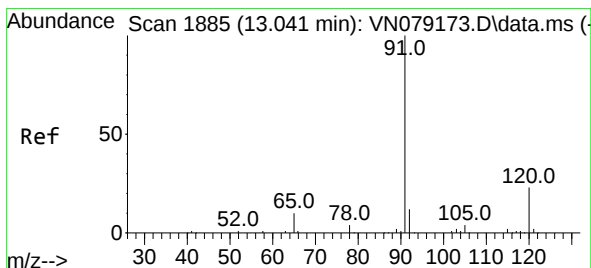
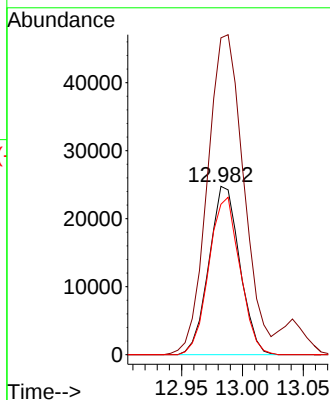
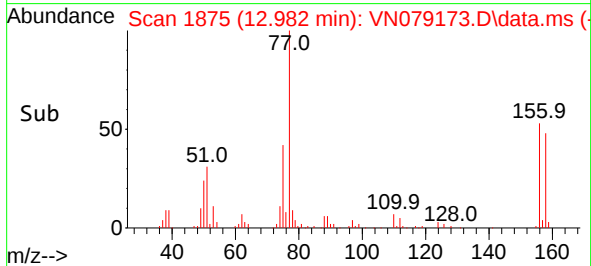
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:156 Resp: 43610
Ion Ratio Lower Upper
156 100
77 223.3 0.0 446.6
158 94.3 0.0 188.6

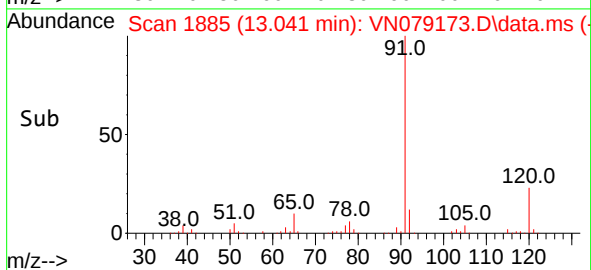
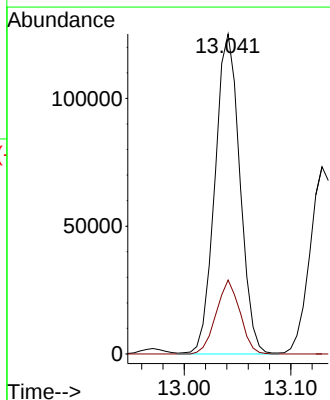
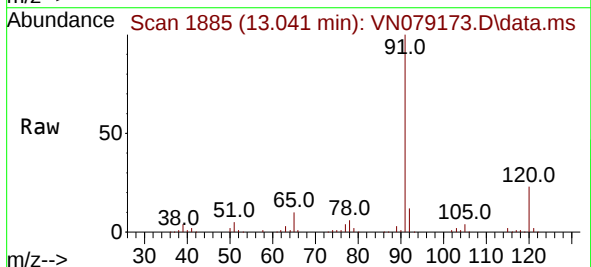
Manual Integrations
APPROVED

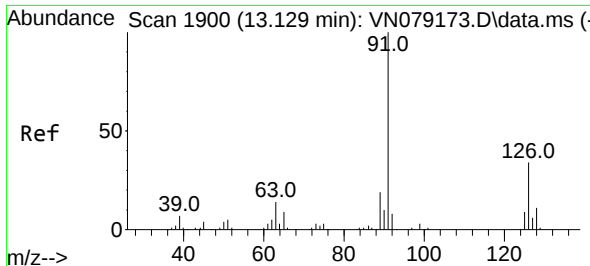
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#74
n-propylbenzene
Concen: 19.961 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 91 Resp: 203581
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





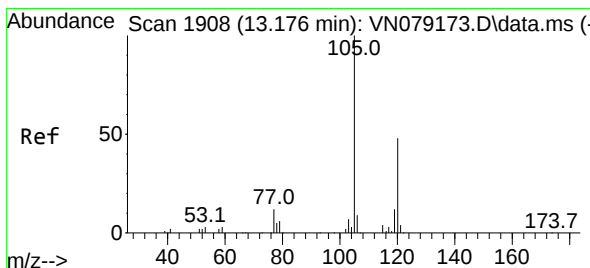
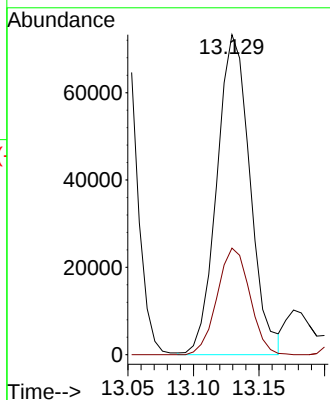
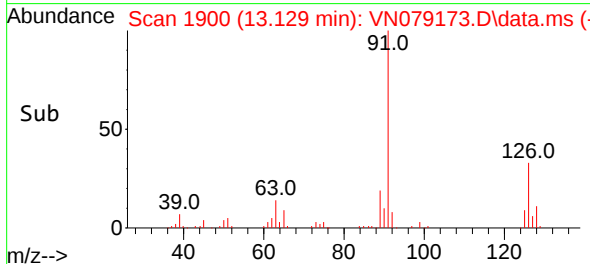
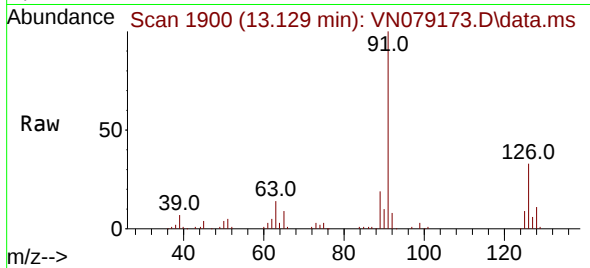
#75
2-Chlorotoluene
Concen: 19.708 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 128889
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4

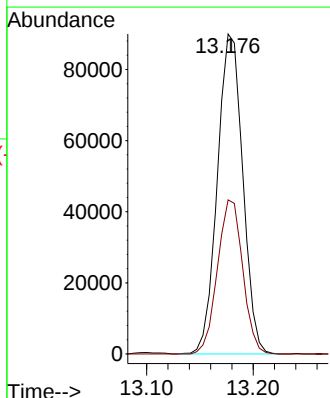
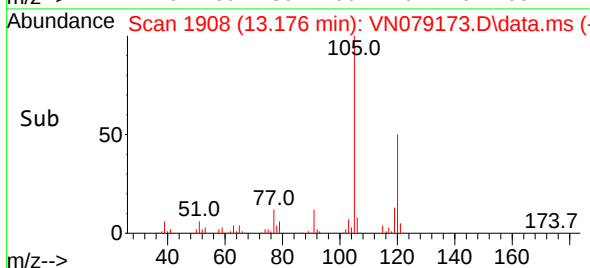
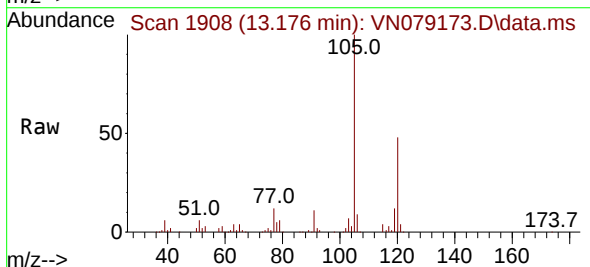
Manual Integrations
APPROVED

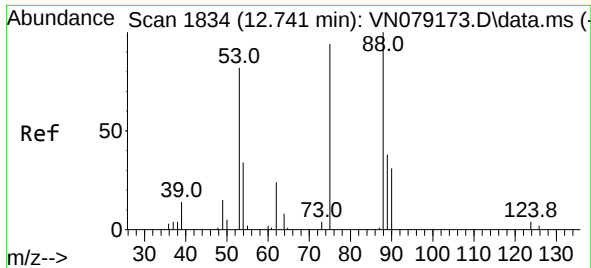
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.116 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

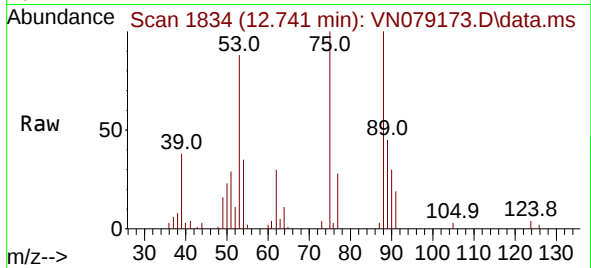
Tgt Ion:105 Resp: 148890
Ion Ratio Lower Upper
105 100
120 47.8 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.763 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

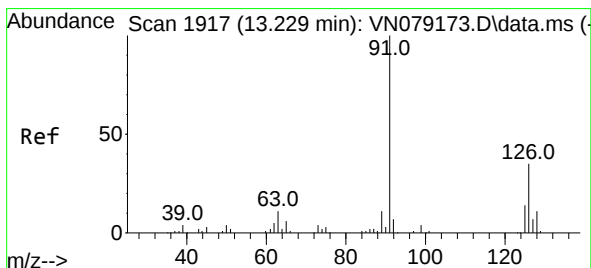
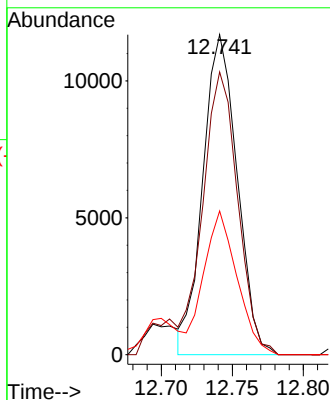
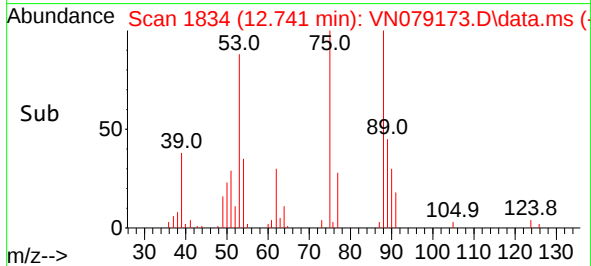
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 19604
Ion Ratio Lower Upper
75 100
53 88.3 44.1 132.4
89 44.9 22.4 67.3

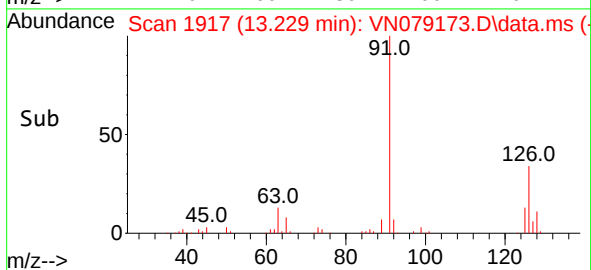
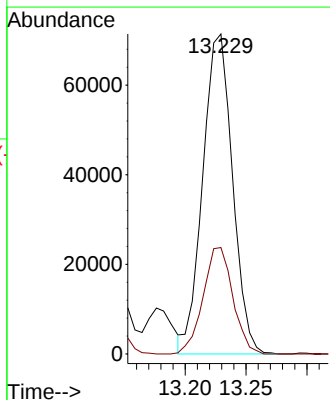
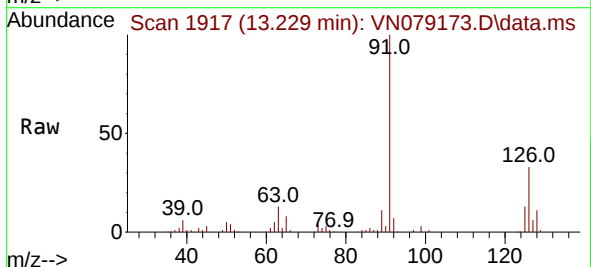
Manual Integrations
APPROVED

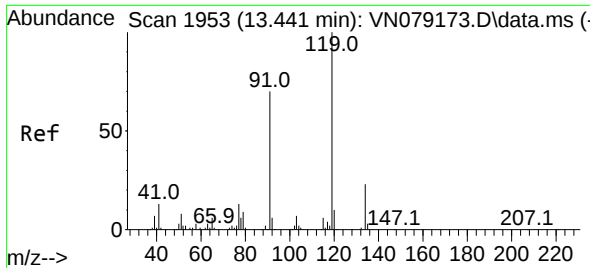
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#78
4-Chlorotoluene
Concen: 19.671 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion: 91 Resp: 121473
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.6





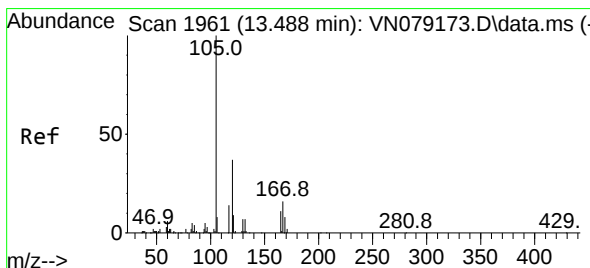
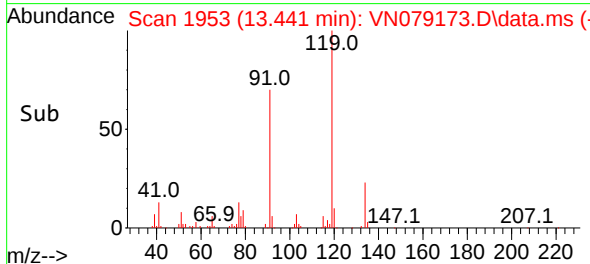
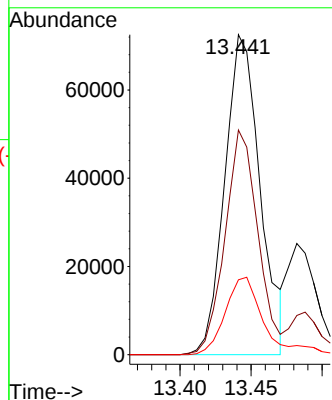
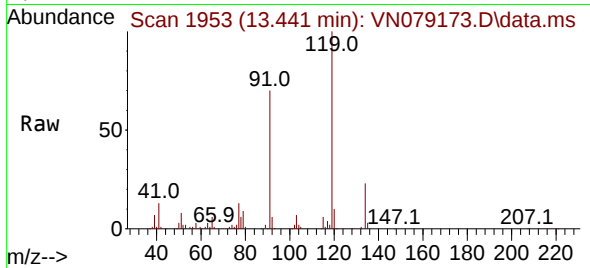
#79
tert-butylbenzene
Concen: 20.682 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 12565
Ion Ratio Lower Upper
119 100
91 65.4 0.0 130.8
134 24.4 0.0 48.8

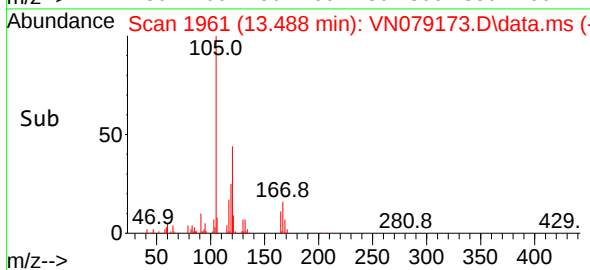
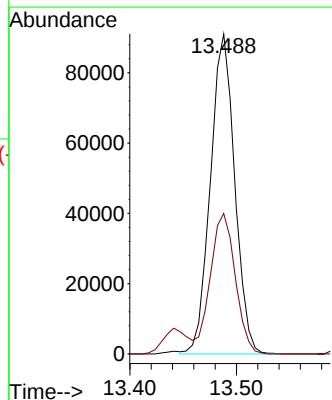
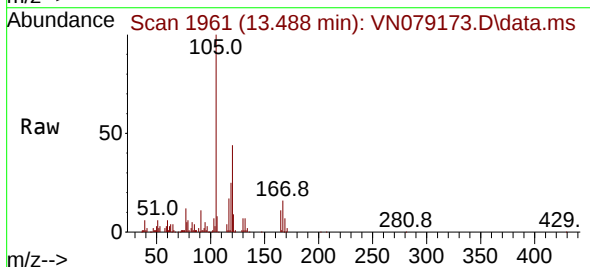
Manual Integrations
APPROVED

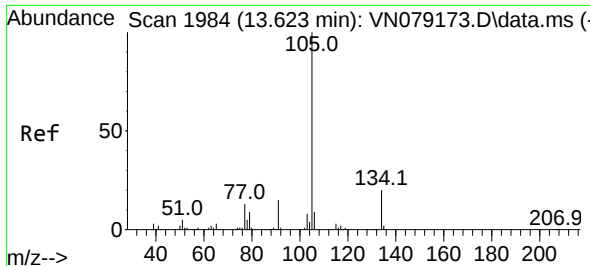
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.400 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

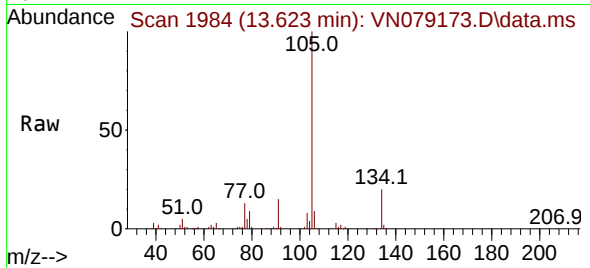
Tgt Ion:105 Resp: 144193
Ion Ratio Lower Upper
105 100
120 45.0 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 20.256 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079173.D
 Acq: 07 Sep 2023 10:44

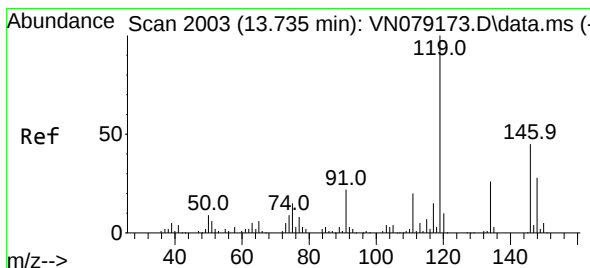
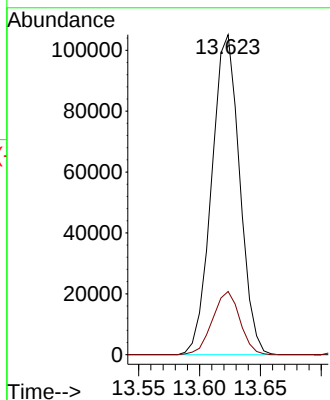
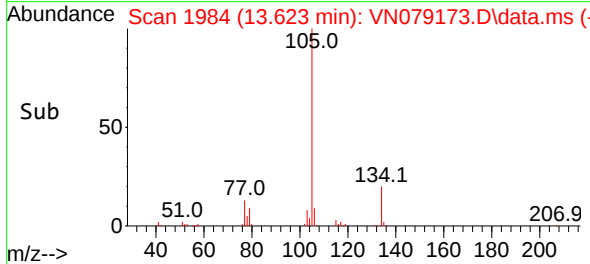
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



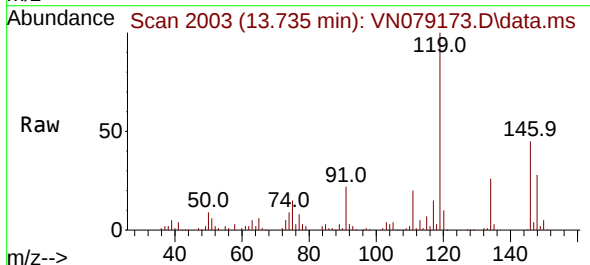
Tgt Ion:105 Resp: 168370
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6

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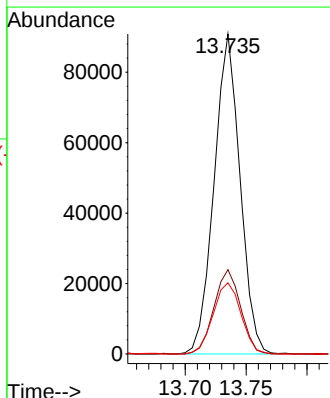
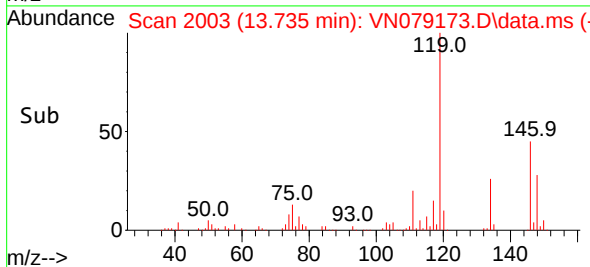
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023

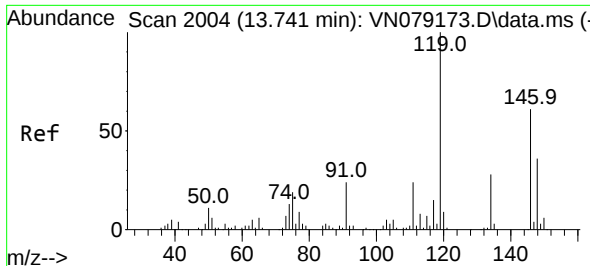


#82
 p-Isopropyltoluene
 Concen: 20.508 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079173.D
 Acq: 07 Sep 2023 10:44



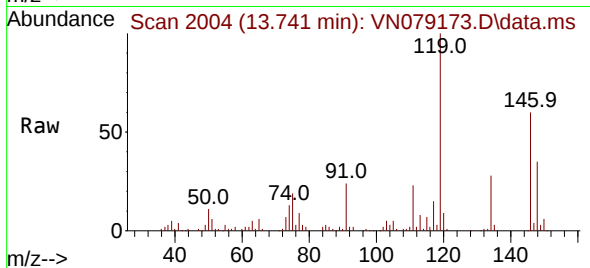
Tgt Ion:119 Resp: 134649
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.8
 91 24.0 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 20.198 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

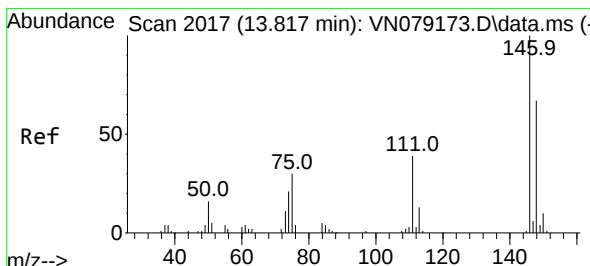
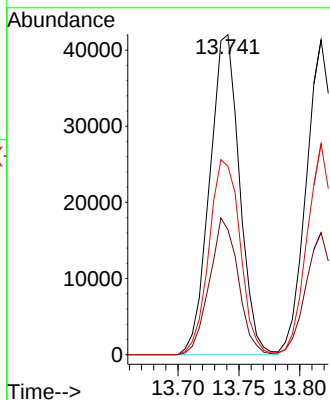
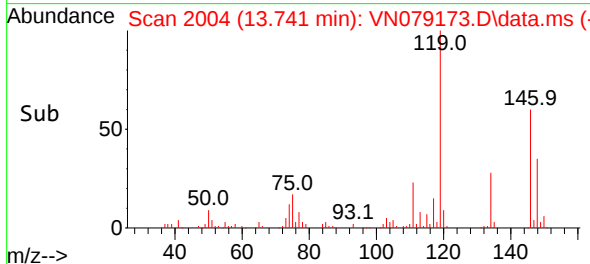
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



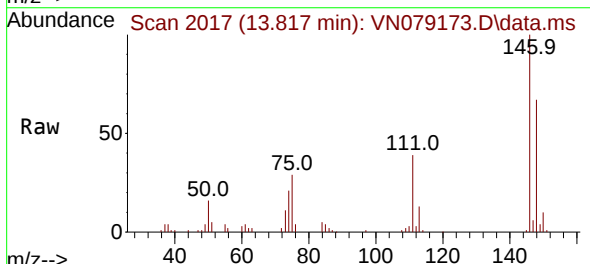
Tgt Ion:146 Resp: 7172
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 63.5 31.8 95.3

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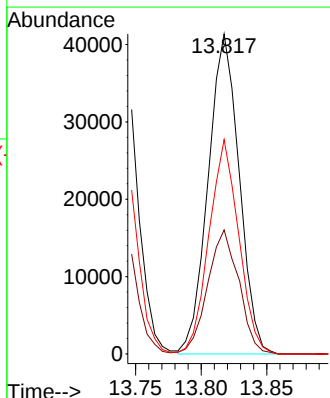
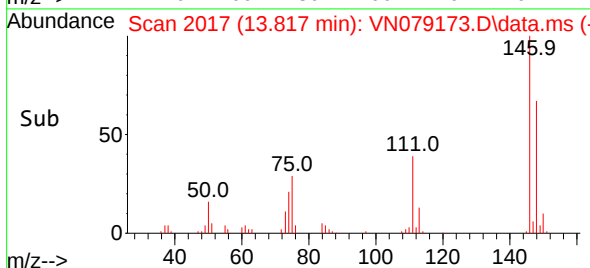
Reviewed By :John Carbone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

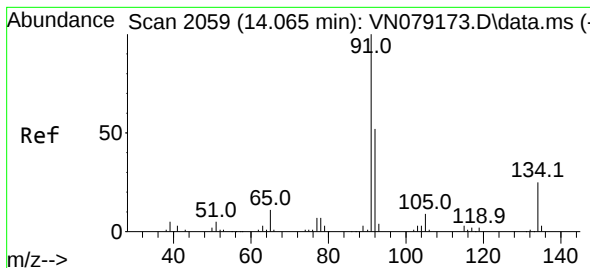


#84
1,4-Dichlorobenzene
Concen: 20.445 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44



Tgt Ion:146 Resp: 68091
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 64.3 32.1 96.5





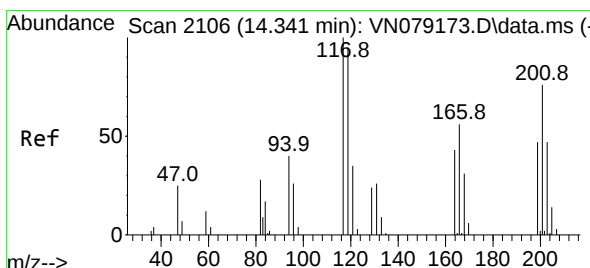
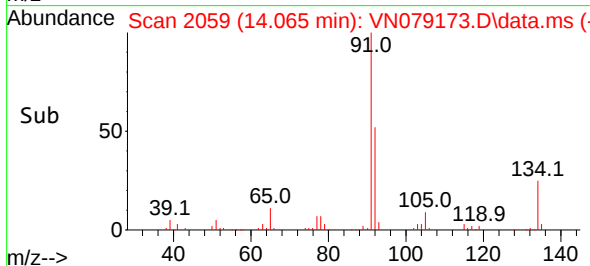
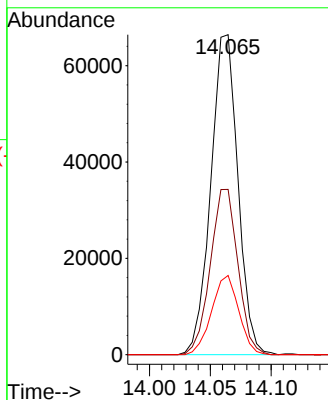
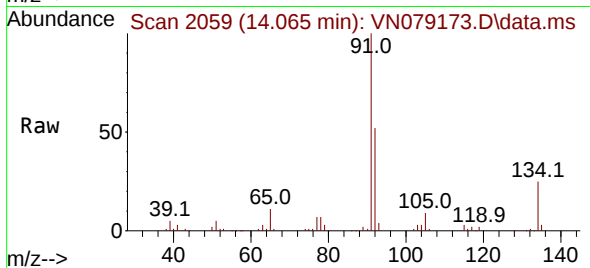
#85
n-Butylbenzene
Concen: 20.581 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 102922
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 24.8 0.0 49.6

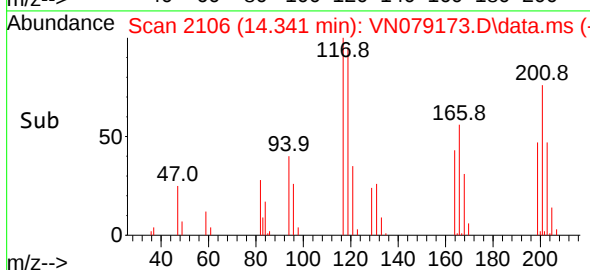
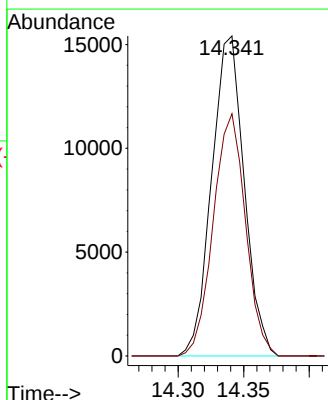
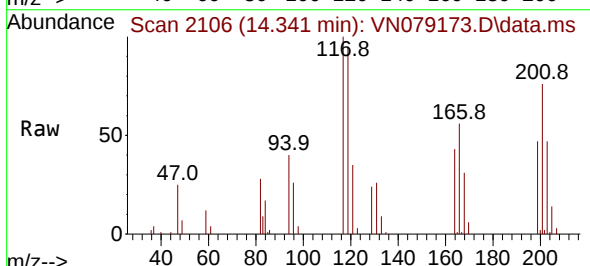
Manual Integrations
APPROVED

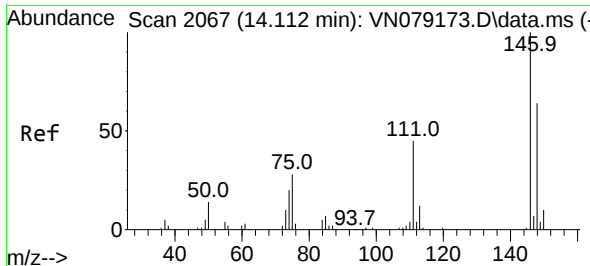
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#86
Hexachloroethane
Concen: 20.437 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion:117 Resp: 26568
Ion Ratio Lower Upper
117 100
201 74.9 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 20.521 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 71910

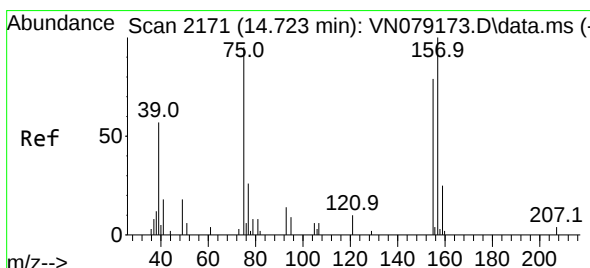
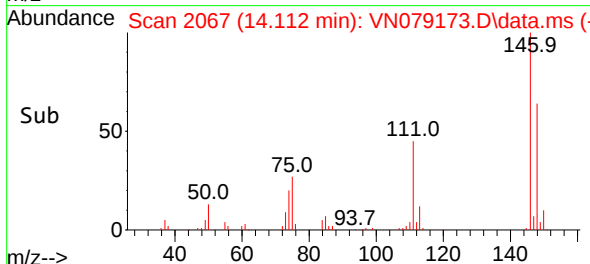
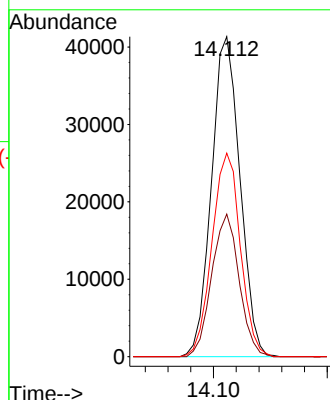
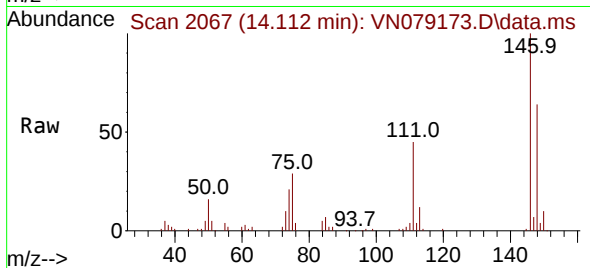
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.5	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.371 ug/l

RT: 14.723 min Scan# 2171

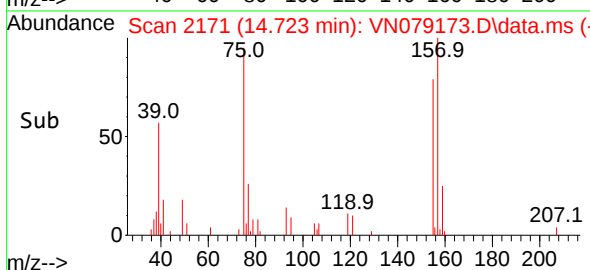
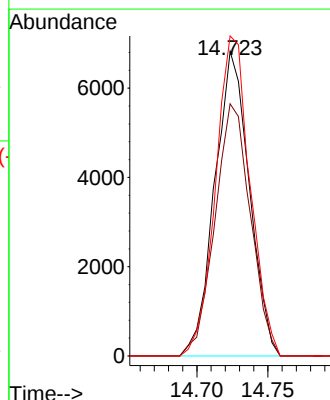
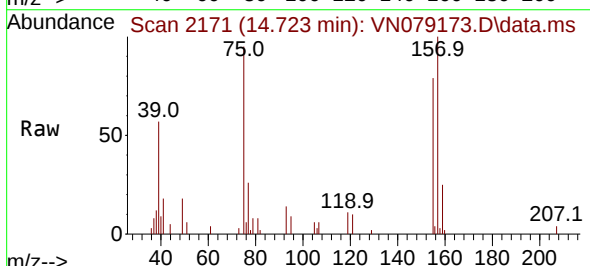
Delta R.T. 0.000 min

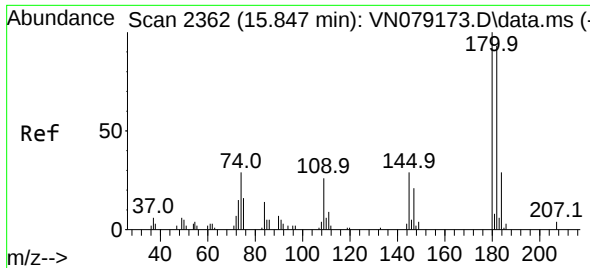
Lab File: VN079173.D

Acq: 07 Sep 2023 10:44

Tgt Ion: 75 Resp: 11530

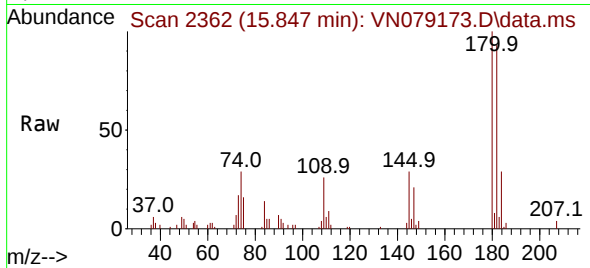
Ion	Ratio	Lower	Upper
75	100		
155	85.1	68.1	102.1
157	104.9	83.9	125.9





#89
1,2,4-Trichlorobenzene
Concen: 19.224 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

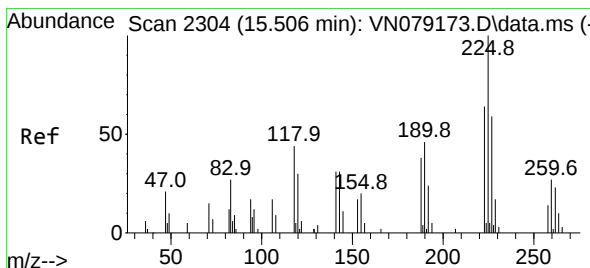
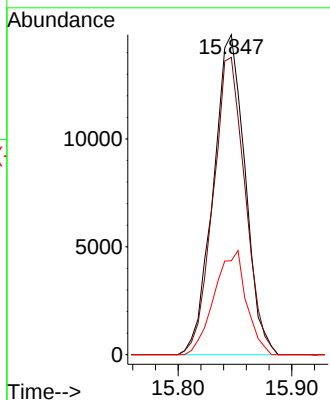
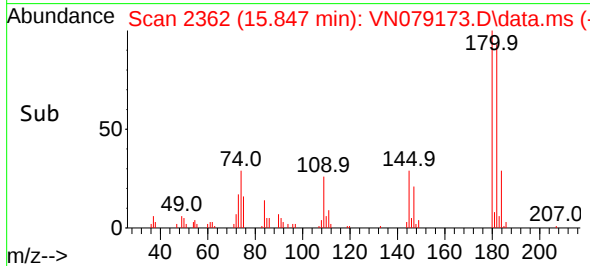
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 2885
Ion Ratio Lower Upper
180 100
182 93.1 74.5 111.7
145 32.7 26.2 39.2

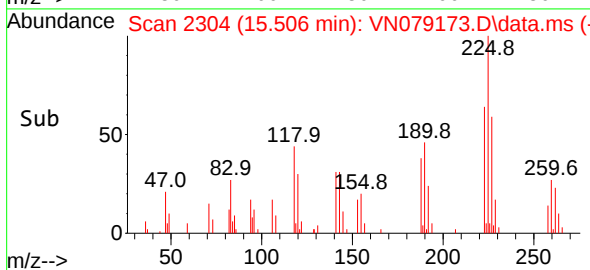
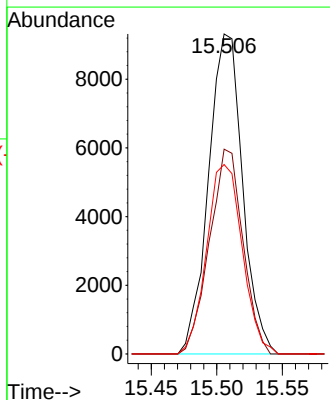
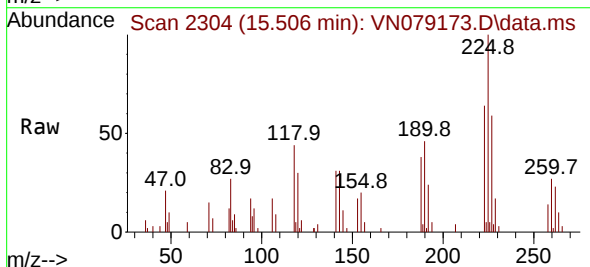
Manual Integrations
APPROVED

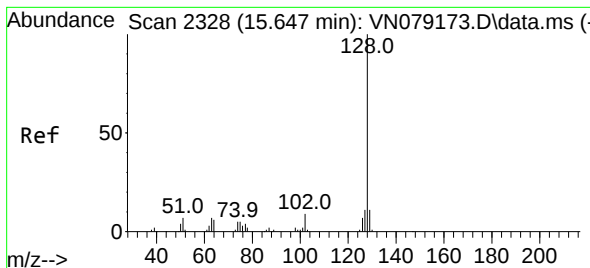
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#90
Hexachlorobutadiene
Concen: 18.517 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

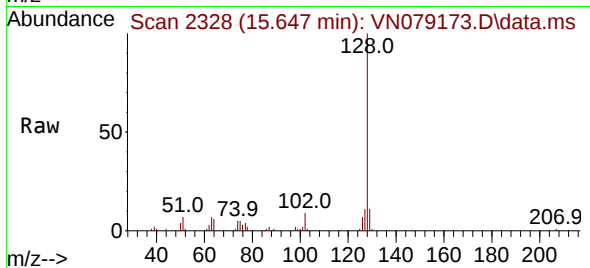
Tgt Ion:225 Resp: 16837
Ion Ratio Lower Upper
225 100
223 62.8 0.0 125.6
227 62.0 0.0 124.0





#91
Naphthalene
Concen: 19.390 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

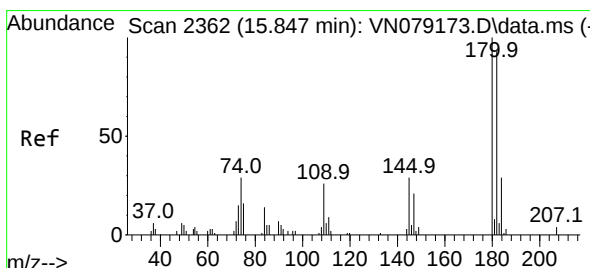
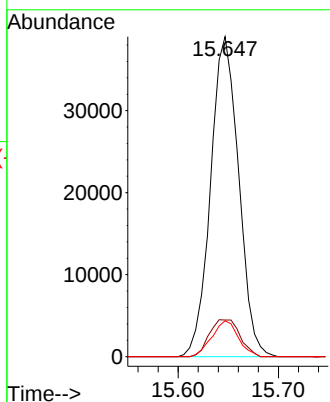
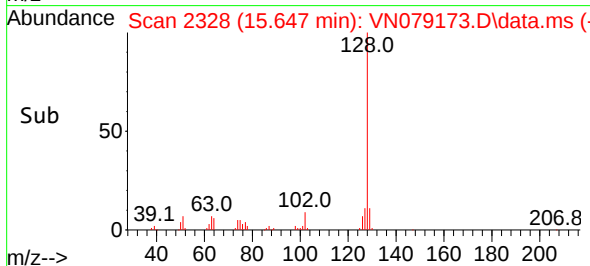
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 75985
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.5 12.7

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



#92
1,2,3-Trichlorobenzene
Concen: 19.224 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079173.D
Acq: 07 Sep 2023 10:44

Tgt Ion:180 Resp: 28853
Ion Ratio Lower Upper
180 100
182 93.1 0.0 186.2
145 32.7 0.0 65.4

