

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079262.D
 Acq On : 15 Sep 2023 10:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	165445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	268502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141744	63.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.940%#			
35) Dibromofluoromethane	8.171	113	108974	56.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.320%			
50) Toluene-d8	10.571	98	401218	56.310	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.620%			
62) 4-Bromofluorobenzene	12.853	95	133798	58.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85696	52.349	ug/l	99
3) Chloromethane	2.365	50	112233	52.227	ug/l	96
4) Vinyl Chloride	2.512	62	124795	53.297	ug/l	96
5) Bromomethane	2.936	94	76357	56.733	ug/l	100
6) Chloroethane	3.106	64	89621	60.038	ug/l	98
7) Trichlorofluoromethane	3.495	101	173806	50.691	ug/l	100
8) Diethyl Ether	3.959	74	65714	55.218	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	87325	47.890	ug/l	99
10) Methyl Iodide	4.589	142	96524	64.712	ug/l	99
11) Tert butyl alcohol	5.530	59	103456	250.909	ug/l	100
12) 1,1-Dichloroethene	4.342	96	84339	47.796	ug/l	90
13) Acrolein	4.183	56	118009	300.038	ug/l	99
14) Allyl chloride	5.030	41	137191	48.738	ug/l	89
15) Acrylonitrile	5.724	53	298969	279.634	ug/l	100
16) Acetone	4.430	43	291443	307.262	ug/l	95
17) Carbon Disulfide	4.712	76	228645	41.459	ug/l	96
18) Methyl Acetate	5.024	43	220612	56.592	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	340721	56.302	ug/l	92
20) Methylene Chloride	5.277	84	111772	48.423	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	97414	47.590	ug/l #	76
22) Diisopropyl ether	6.677	45	368515	59.668	ug/l #	88
23) Vinyl Acetate	6.606	43	1150862	302.952	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	201470	52.917	ug/l	98
25) 2-Butanone	7.488	43	411377	298.917	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	160638	51.415	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	123905	52.938	ug/l	88
28) Bromochloromethane	7.818	49	114007	66.229	ug/l #	76
29) Tetrahydrofuran	7.841	42	252322	288.104	ug/l #	78
30) Chloroform	7.971	83	210200	53.027	ug/l	95
31) Cyclohexane	8.259	56	156367	47.951	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	170770	50.538	ug/l	93
36) 1,1-Dichloropropene	8.377	75	145975	48.805	ug/l	96
37) Ethyl Acetate	7.565	43	167470	56.136	ug/l #	90
38) Carbon Tetrachloride	8.365	117	146319	47.273	ug/l	97
39) Methylcyclohexane	9.606	83	144538	48.990	ug/l #	88
40) Benzene	8.612	78	450904	49.246	ug/l	100

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83348	55.411	ug/l	87
42) 1,2-Dichloroethane	8.671	62	167141	53.025	ug/l	98
43) Isopropyl Acetate	8.694	43	269421	55.348	ug/l #	91
44) Trichloroethene	9.359	130	104651	46.397	ug/l	100
45) 1,2-Dichloropropane	9.624	63	121413	53.430	ug/l	94
46) Dibromomethane	9.712	93	81071	52.555	ug/l	93
47) Bromodichloromethane	9.894	83	172318	54.539	ug/l	96
48) Methyl methacrylate	9.682	41	123842	56.798	ug/l #	82
49) 1,4-Dioxane	9.700	88	46316	1032.766	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	830237	293.814	ug/l	89
52) Toluene	10.635	92	277396	49.298	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	180123	54.066	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	194401	54.556	ug/l #	91
55) 1,1,2-Trichloroethane	11.024	97	115565	52.341	ug/l	97
56) Ethyl methacrylate	10.877	69	181088	58.101	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	205795	53.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	358707	271.080	ug/l	90
59) 2-Hexanone	11.200	43	606062	296.125	ug/l	88
60) Dibromochloromethane	11.365	129	122387	52.083	ug/l	99
61) 1,2-Dibromoethane	11.476	107	115716	52.516	ug/l	97
64) Tetrachloroethene	11.106	164	85023	43.427	ug/l	98
65) Chlorobenzene	11.894	112	287947	47.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112832	49.468	ug/l	98
67) Ethyl Benzene	11.971	91	528715	50.818	ug/l	96
68) m/p-Xylenes	12.076	106	395809	102.066	ug/l	94
69) o-Xylene	12.400	106	193219	51.951	ug/l	93
70) Styrene	12.418	104	325616	54.435	ug/l	98
71) Bromoform	12.582	173	83151	49.382	ug/l #	100
73) Isopropylbenzene	12.700	105	498056	46.724	ug/l	99
74) N-amyl acetate	12.494	43	219815	54.354	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	175489	44.211	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	158476m	50.188	ug/l	
77) Bromobenzene	12.982	156	117676	43.598	ug/l	96
78) n-propylbenzene	13.041	91	584666	48.826	ug/l	97
79) 2-Chlorotoluene	13.129	91	350192	44.714	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	412606	46.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	53816	46.855	ug/l #	84
82) 4-Chlorotoluene	13.223	91	349182	47.449	ug/l	99
83) tert-Butylbenzene	13.441	119	332537	45.257	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	406947	48.109	ug/l	100
85) sec-Butylbenzene	13.618	105	473291	46.788	ug/l	100
86) p-Isopropyltoluene	13.735	119	387592	47.960	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	204272	46.142	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	200475	44.814	ug/l	99
89) n-Butylbenzene	14.059	91	313441	49.321	ug/l	98
90) Hexachloroethane	14.341	117	74986	45.690	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	199705	45.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28987	48.039	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	72906	46.422	ug/l	98
94) Hexachlorobutadiene	15.506	225	42686	34.551	ug/l	95
95) Naphthalene	15.647	128	218658	46.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	79047	42.669	ug/l	99

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VSTDCCC050

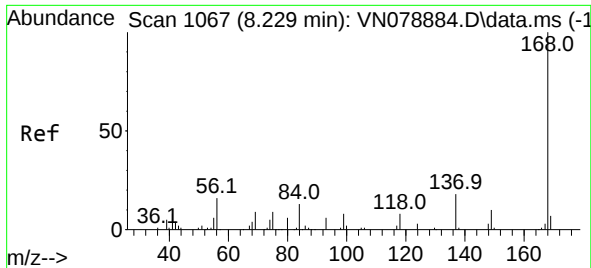
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 01:34:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

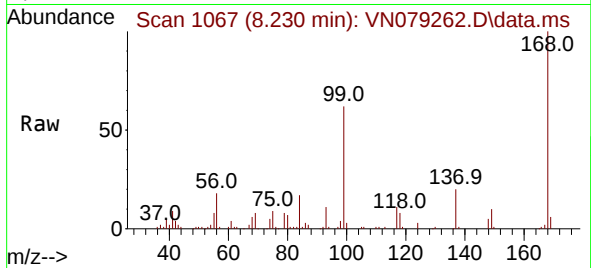
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079262.D
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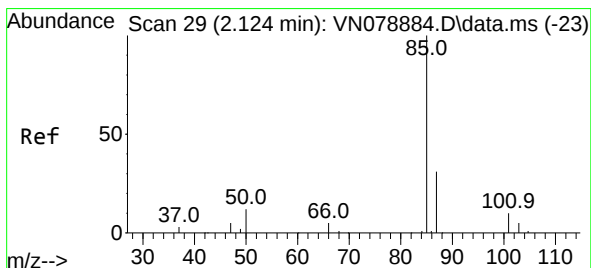
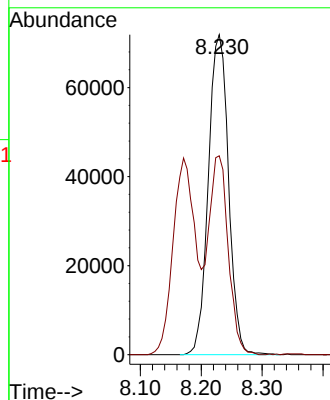
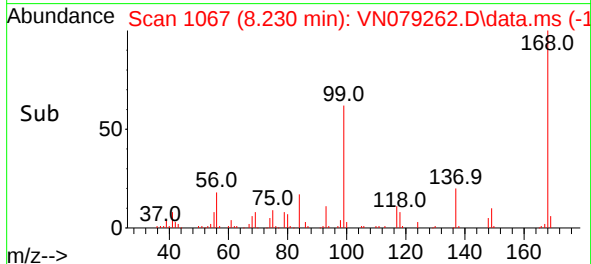
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 165449
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6

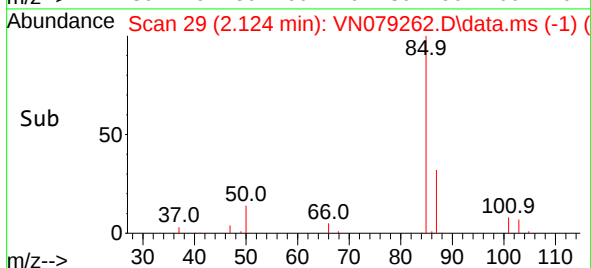
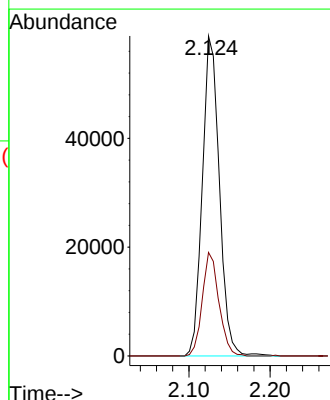
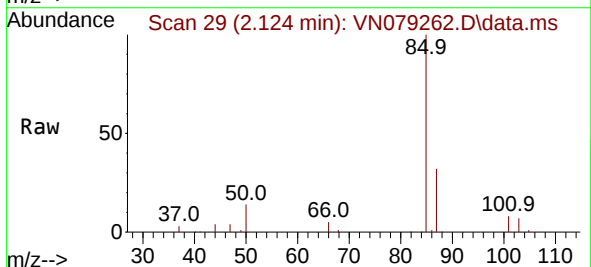
Manual Integrations
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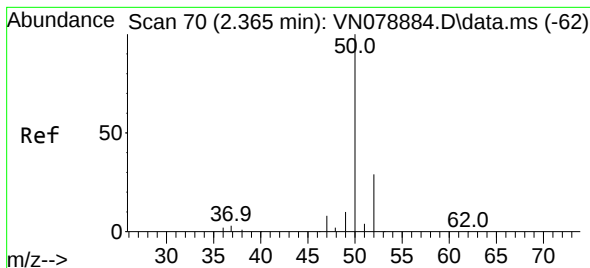
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 52.349 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 85 Resp: 85696
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3

Chloromethane

Concen: 52.227 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 11223

Ion Ratio Lower Upper

50 100

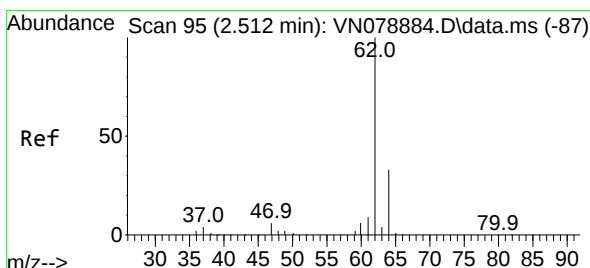
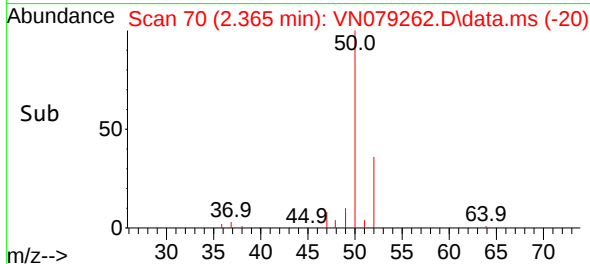
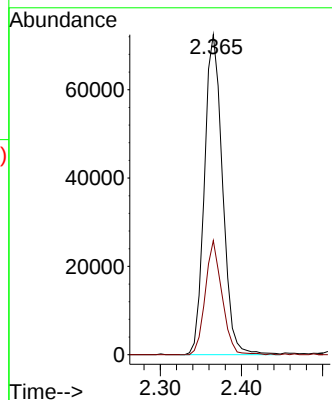
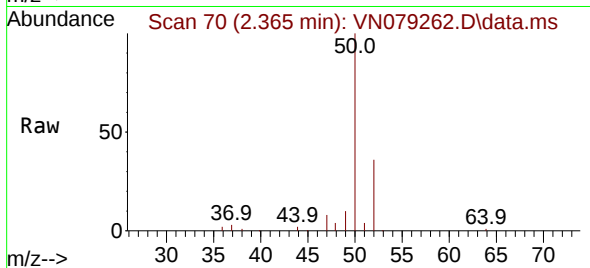
52 35.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#4

Vinyl Chloride

Concen: 53.297 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079262.D

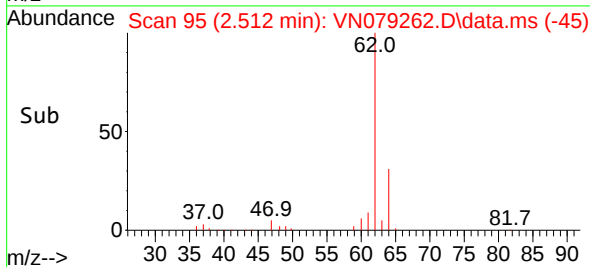
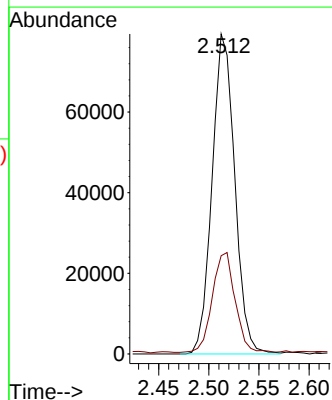
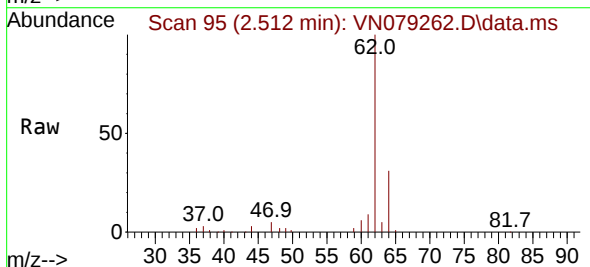
Acq: 15 Sep 2023 10:08

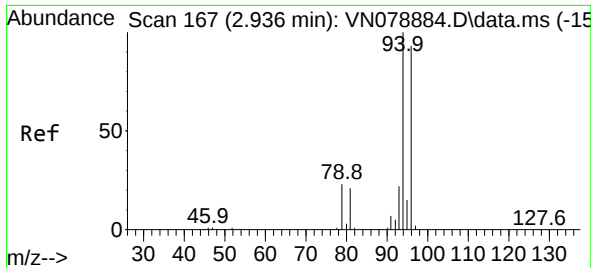
Tgt Ion: 62 Resp: 124795

Ion Ratio Lower Upper

62 100

64 30.2 26.2 39.2





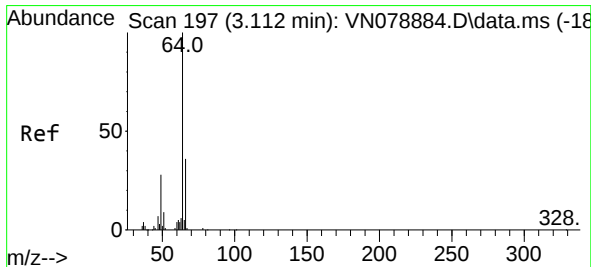
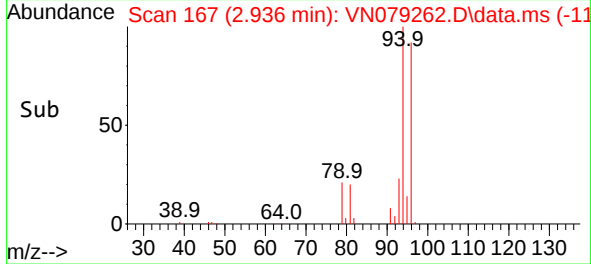
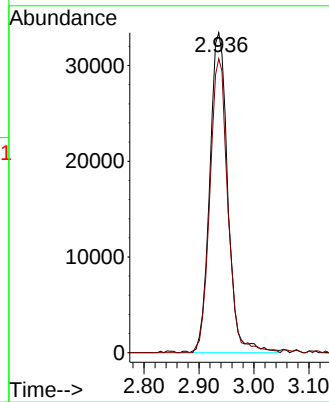
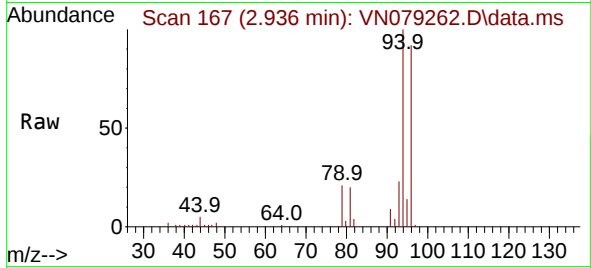
#5
Bromomethane
Concen: 56.733 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 7635
Ion Ratio Lower Upper
94 100
96 91.9 73.1 109.7

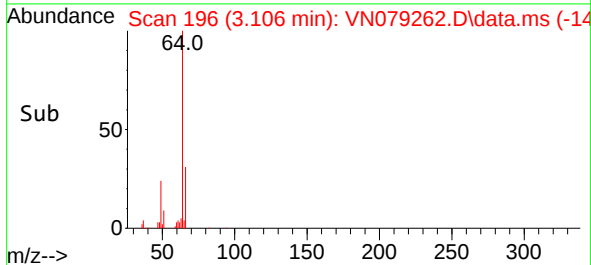
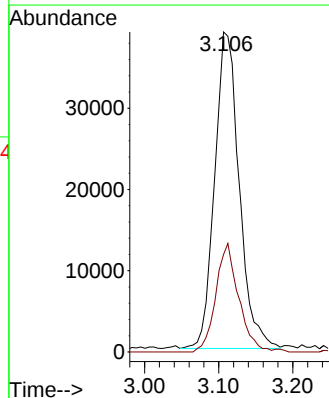
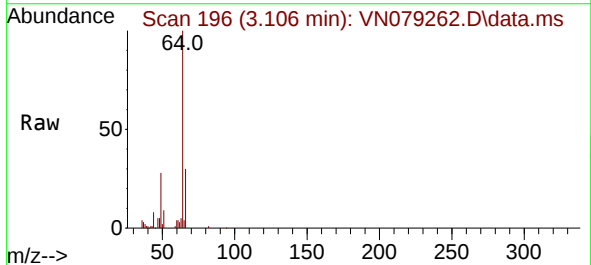
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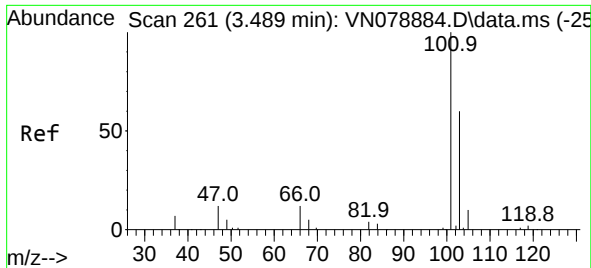
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#6
Chloroethane
Concen: 60.038 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 64 Resp: 89621
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 50.691 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

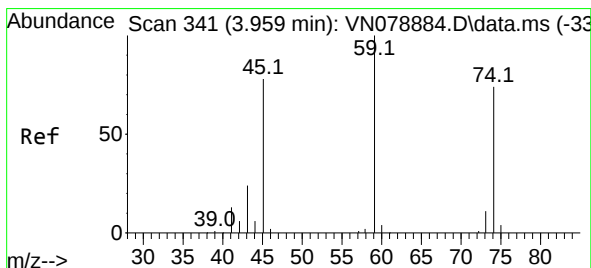
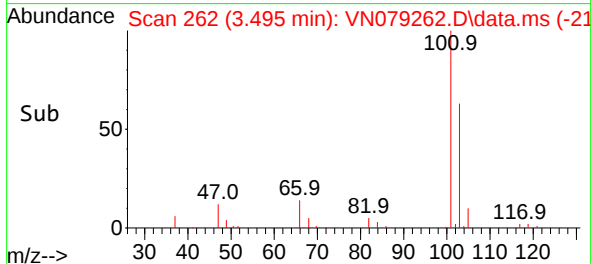
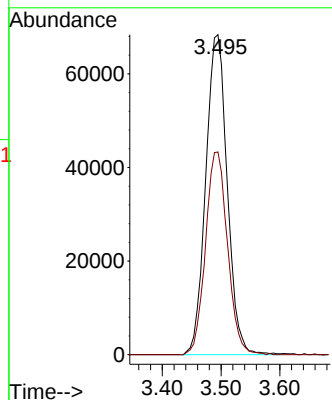
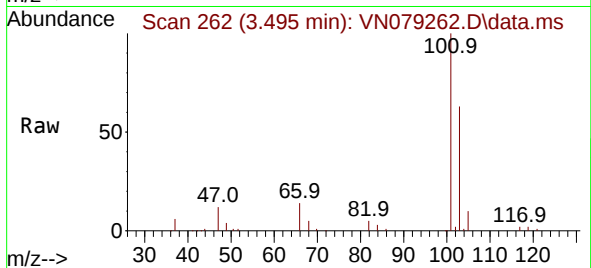
VSTDCCC050

Tgt Ion:101 Resp: 173800
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.7 76.1

Manual Integrations

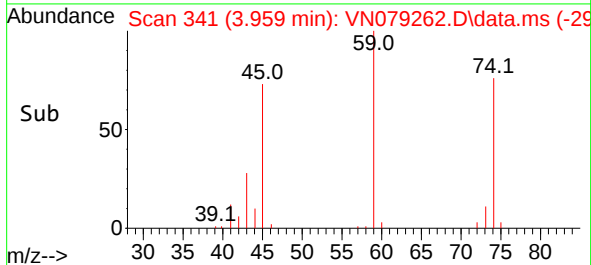
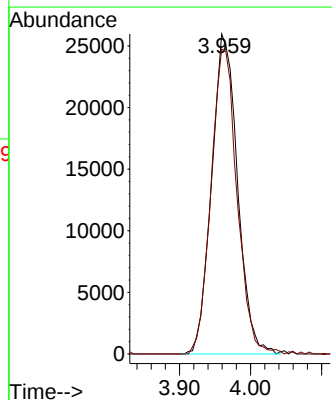
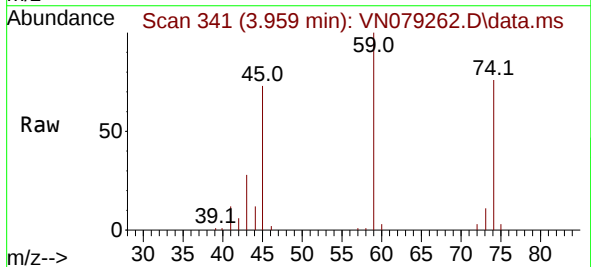
APPROVED

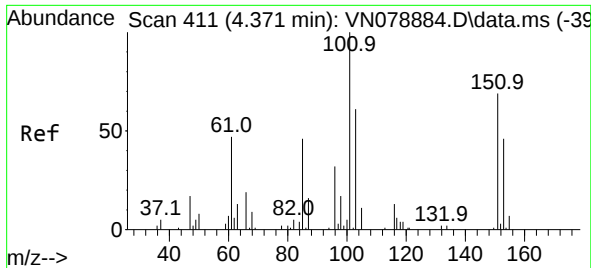
Reviewed By :John Carlone 09/18/2023
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#8
 Diethyl Ether
 Concen: 55.218 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

Tgt Ion: 74 Resp: 65714
 Ion Ratio Lower Upper
 74 100
 45 95.7 34.4 103.3





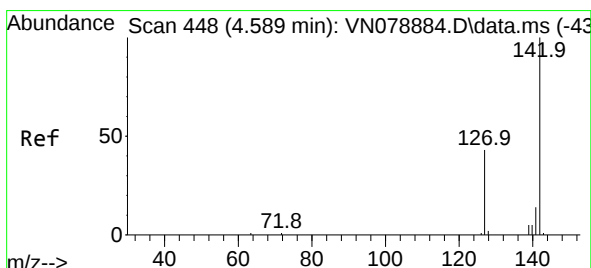
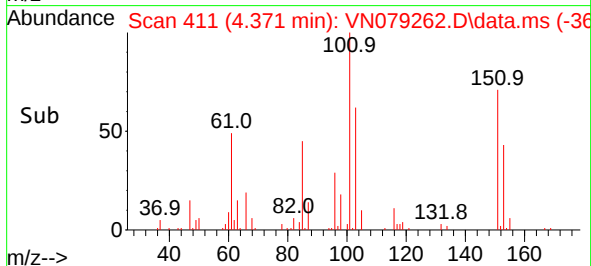
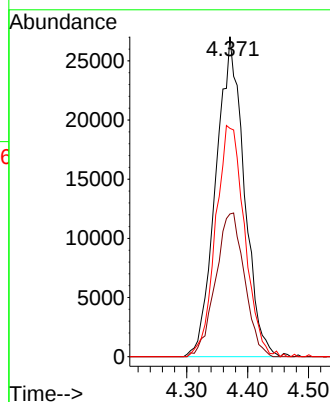
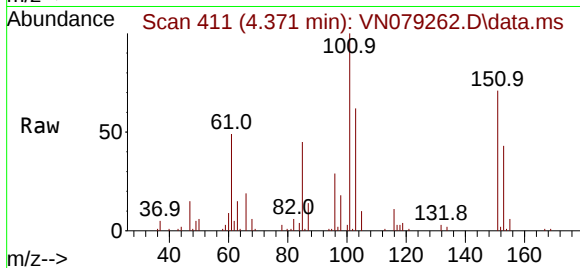
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.890 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 87325
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 73.9 57.6 86.4

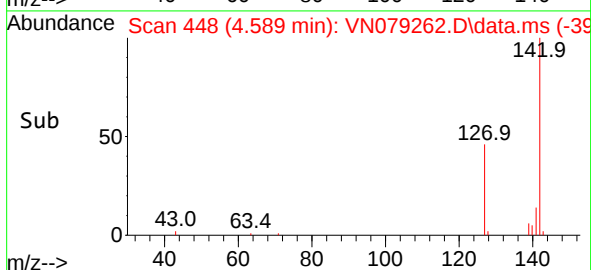
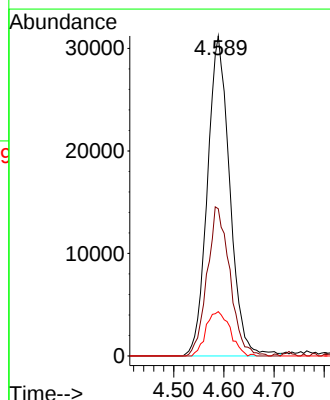
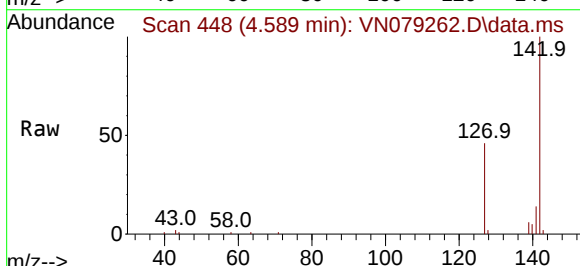
Manual Integrations
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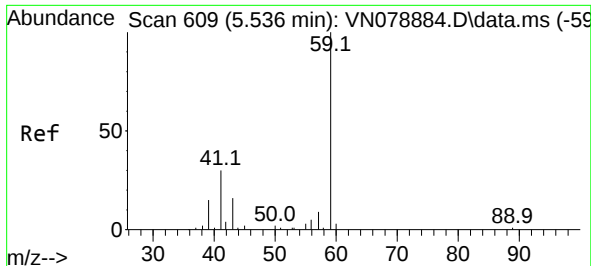
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 64.712 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion:142 Resp: 96524
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 13.9 11.4 17.0





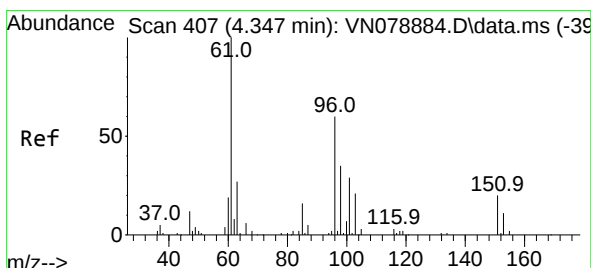
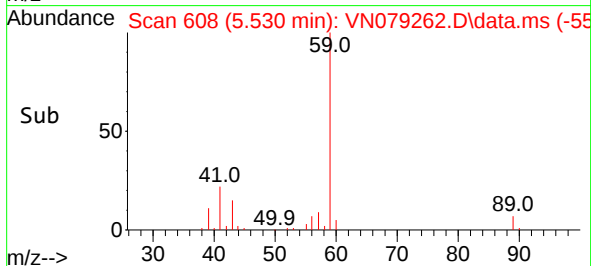
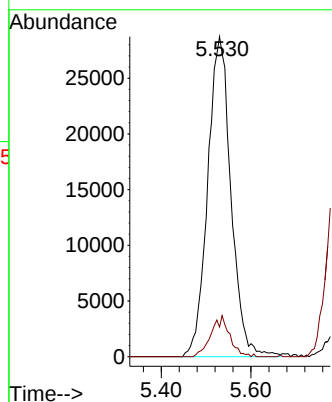
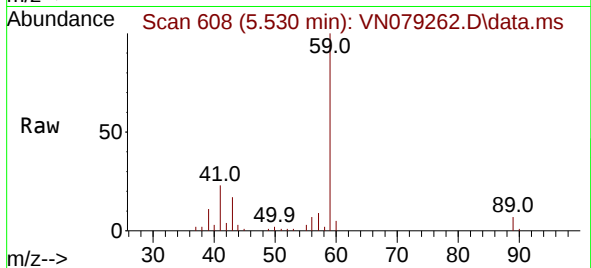
#11
Tert butyl alcohol
Concen: 250.909 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 103450
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

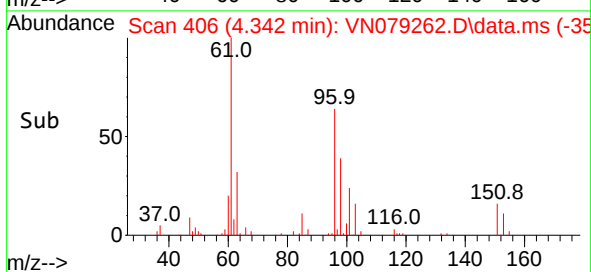
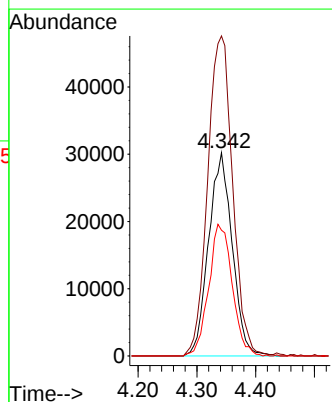
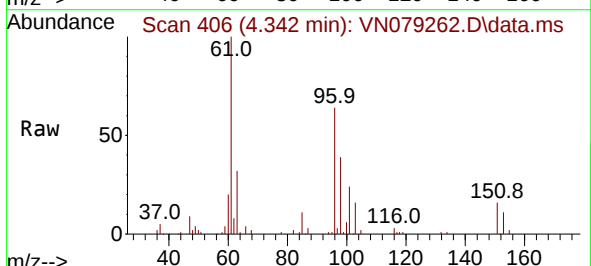
Manual Integrations
APPROVED

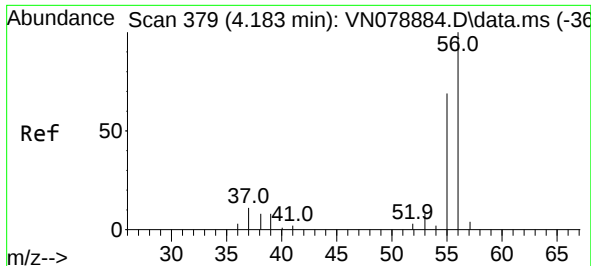
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#12
1,1-Dichloroethene
Concen: 47.796 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

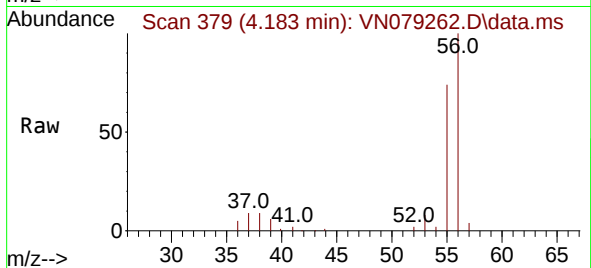
Tgt Ion: 96 Resp: 84339
Ion Ratio Lower Upper
96 100
61 157.4 112.7 169.1
98 61.9 51.2 76.8





#13
Acrolein
Concen: 300.038 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

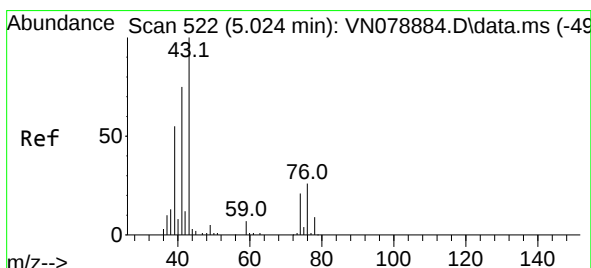
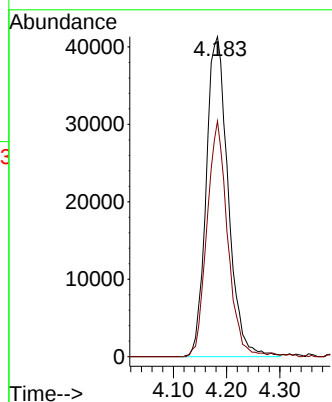
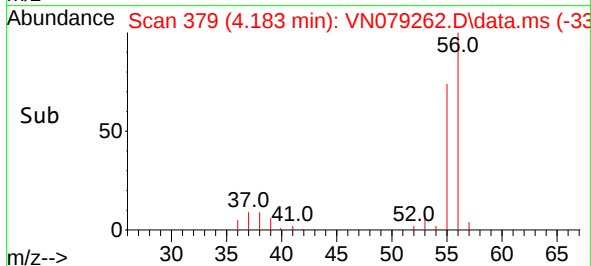
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



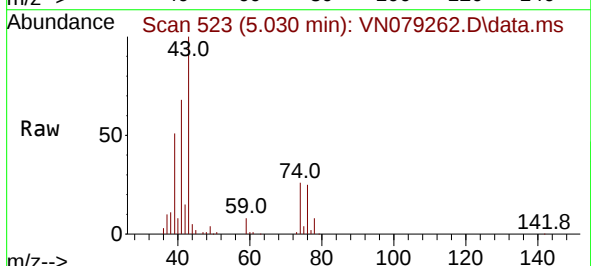
Tgt Ion: 56 Resp: 118009
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

Manual Integrations
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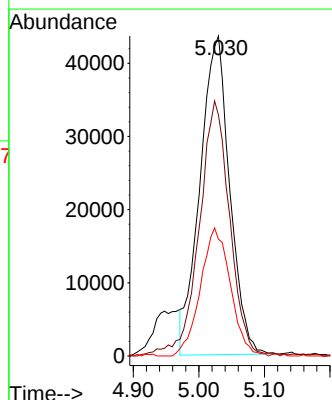
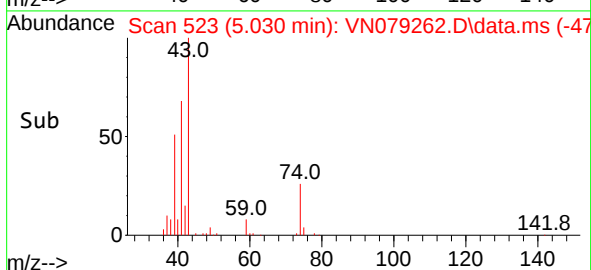
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

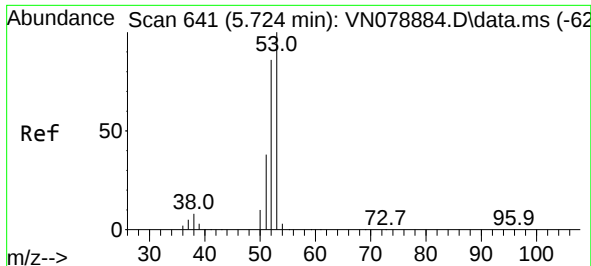


#14
Allyl chloride
Concen: 48.738 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



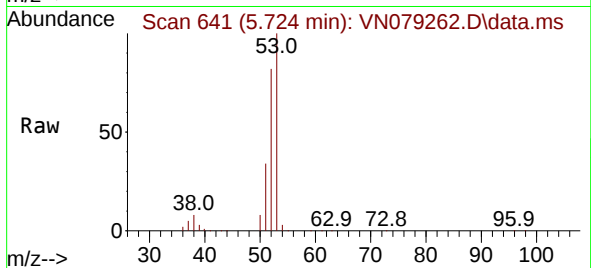
Tgt Ion: 41 Resp: 137191
Ion Ratio Lower Upper
41 100
39 82.3 58.8 88.2
76 40.5 39.1 58.7





#15
Acrylonitrile
Concen: 279.634 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

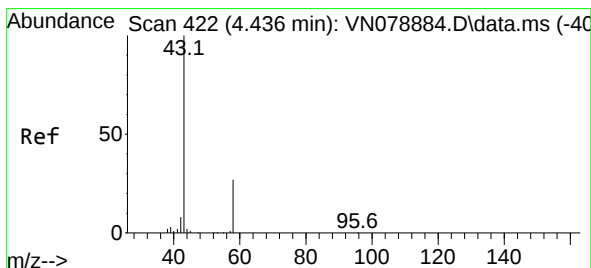
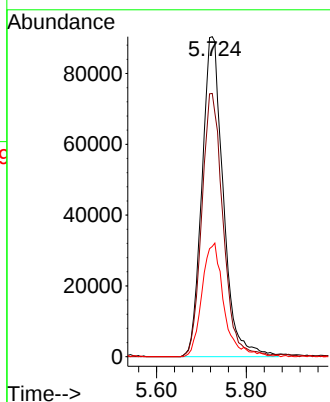
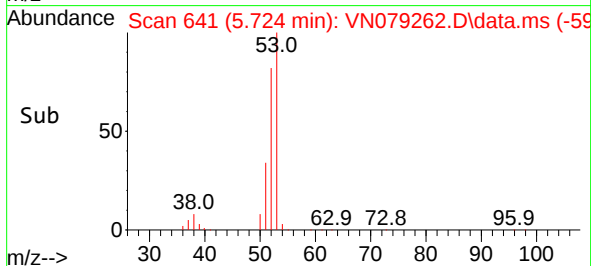
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 298969
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.5 28.9 43.3

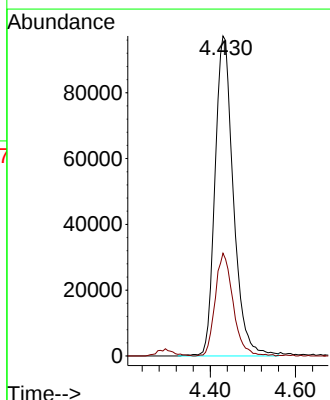
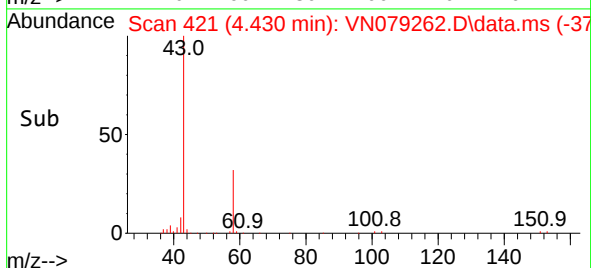
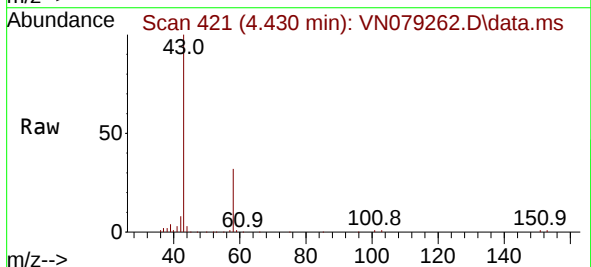
Manual Integrations
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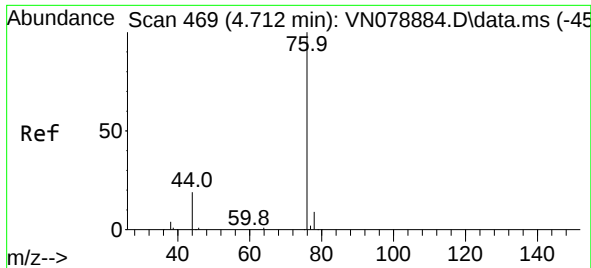
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 307.262 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

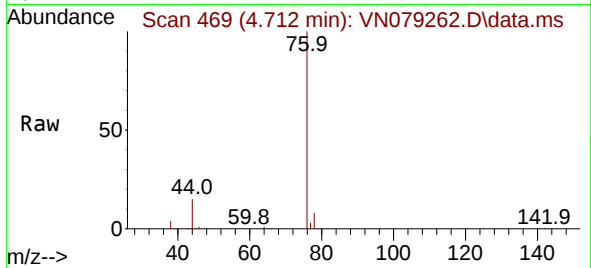
Tgt Ion: 43 Resp: 291443
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 41.459 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

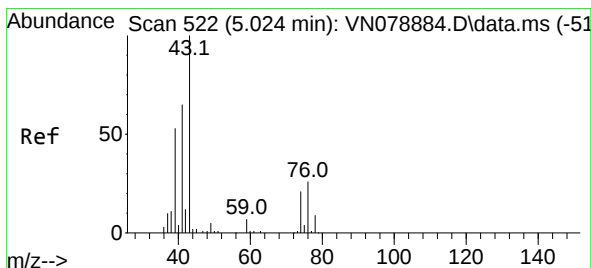
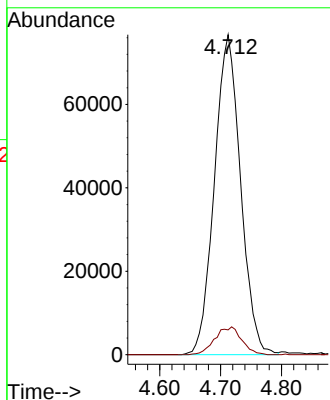
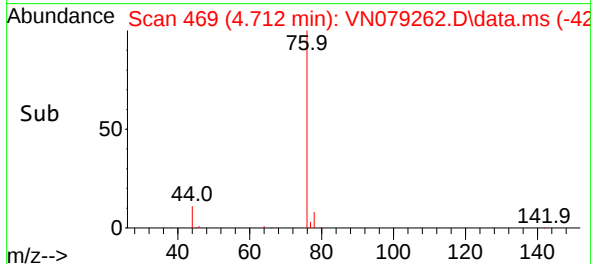
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 22864
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

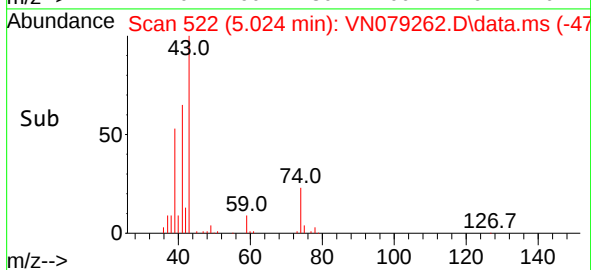
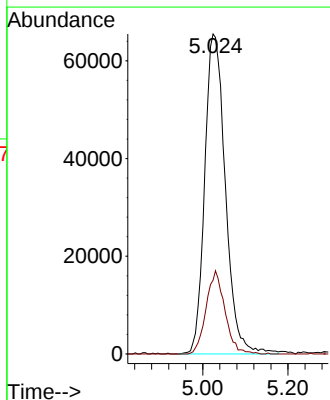
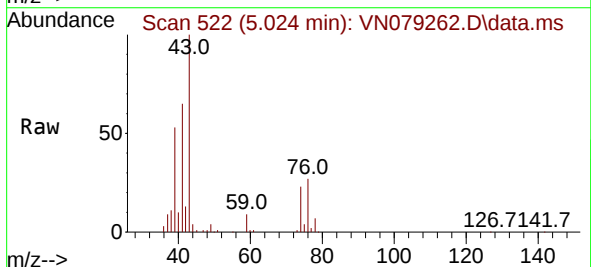
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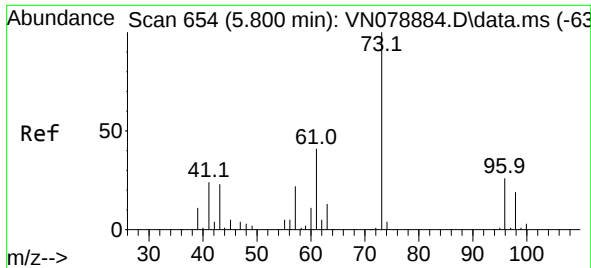
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 56.592 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 43 Resp: 220612
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





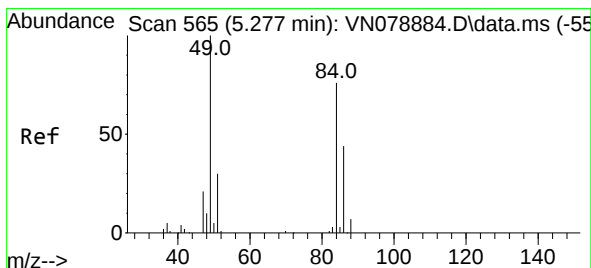
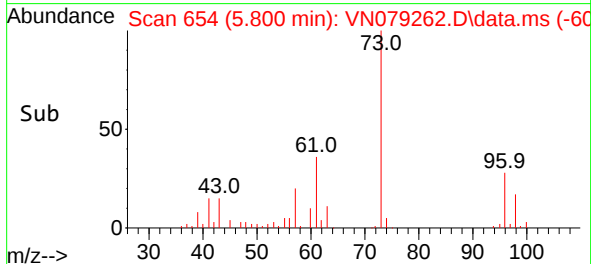
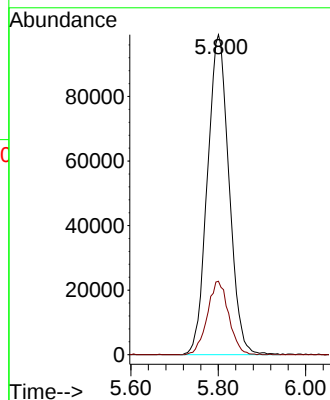
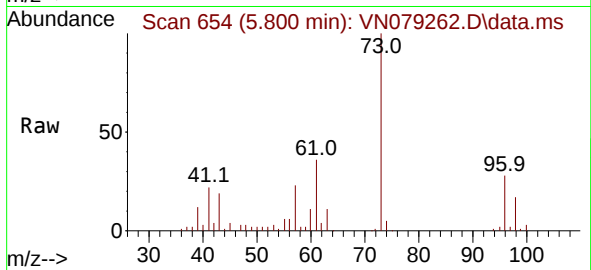
#19
Methyl tert-butyl Ether
Concen: 56.302 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 34072
Ion Ratio Lower Upper
73 100
57 23.0 15.6 23.4

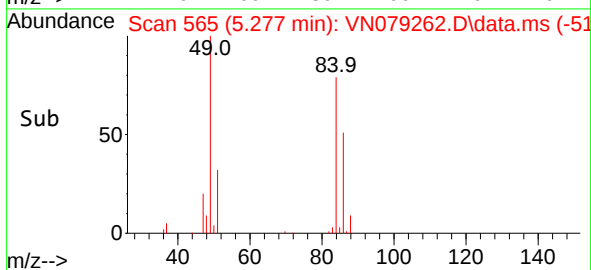
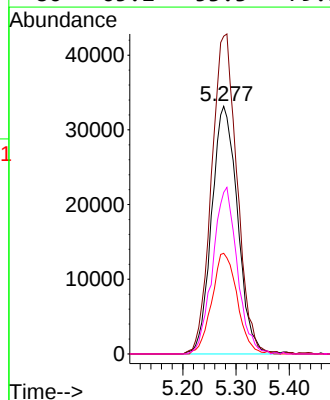
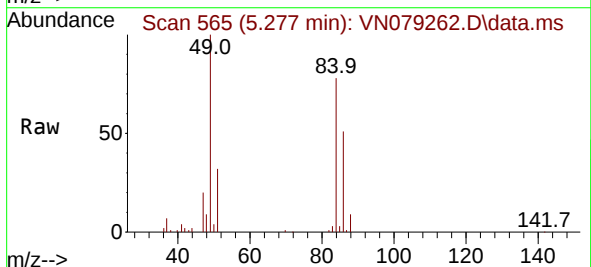
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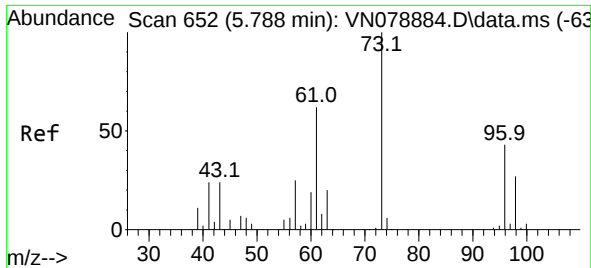
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 48.423 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 84 Resp: 111772
Ion Ratio Lower Upper
84 100
49 128.3 79.7 119.5#
51 40.6 25.2 37.8#
86 65.2 53.3 79.9





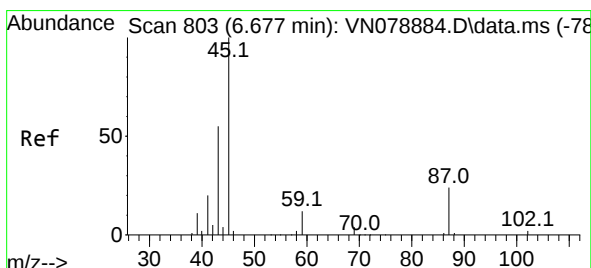
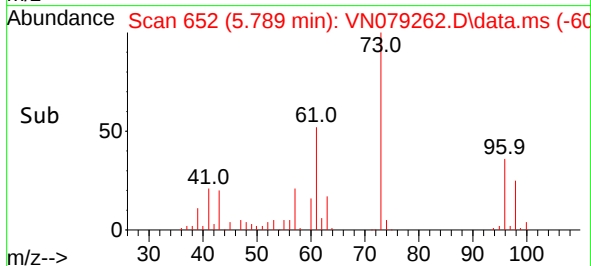
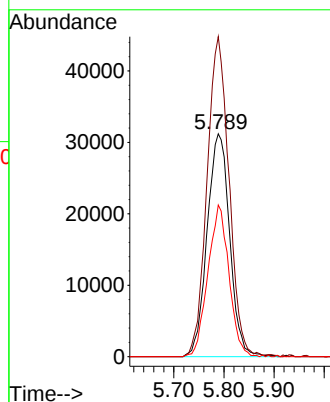
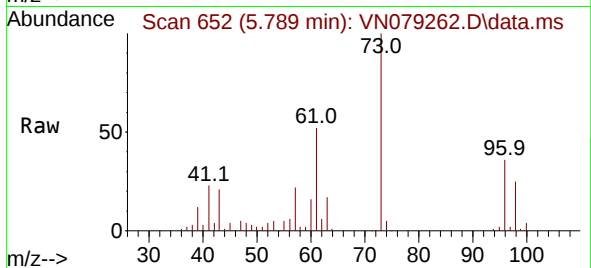
#21
trans-1,2-Dichloroethene
Concen: 47.590 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97414
Ion Ratio Lower Upper
96 100
61 143.6 90.1 135.1#
98 68.1 46.4 69.6

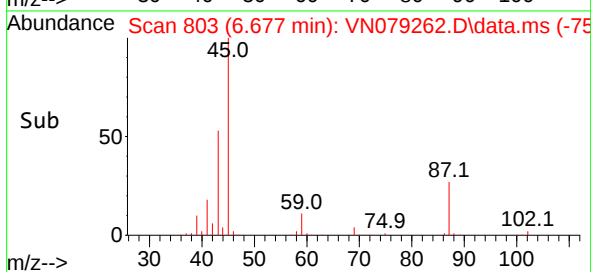
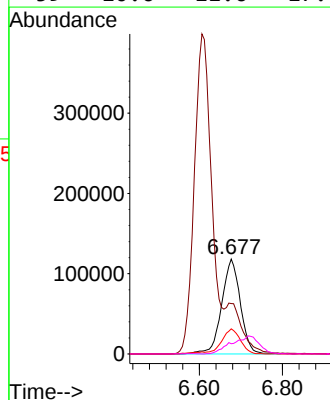
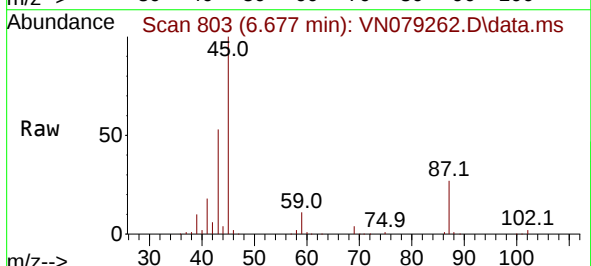
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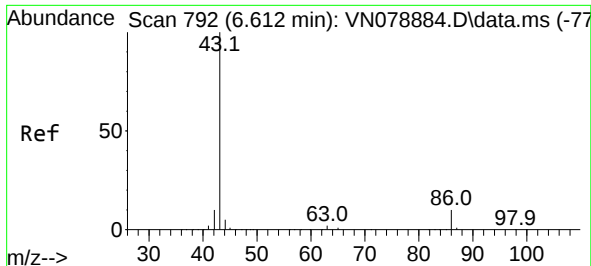
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 59.668 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 45 Resp: 368515
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 26.6 31.8 47.8#
59 10.6 11.6 17.4#





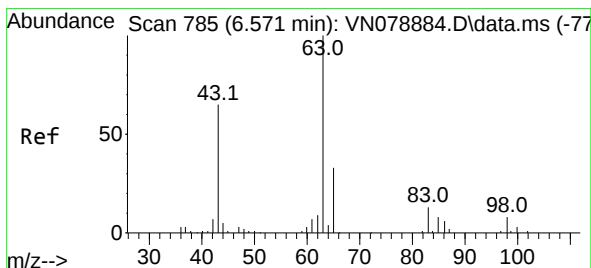
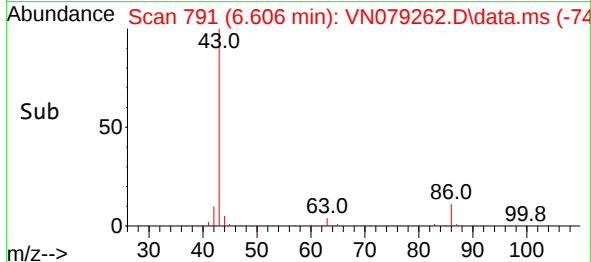
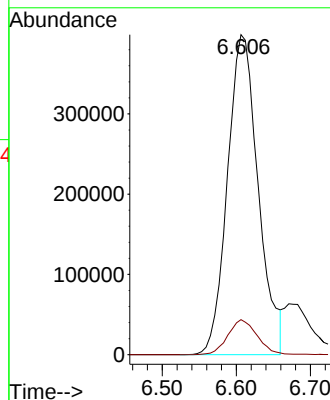
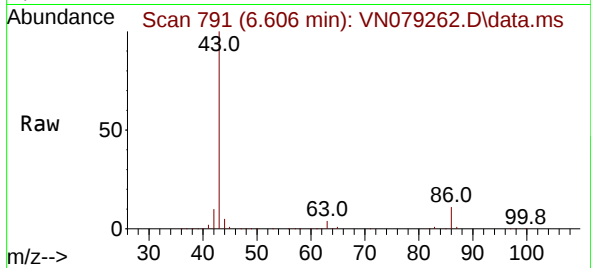
#23
 Vinyl Acetate
 Concen: 302.952 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 115086
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

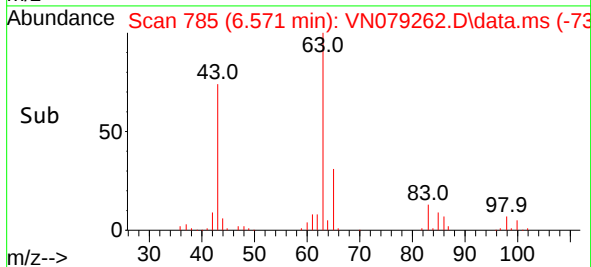
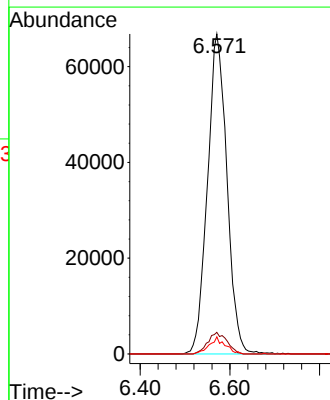
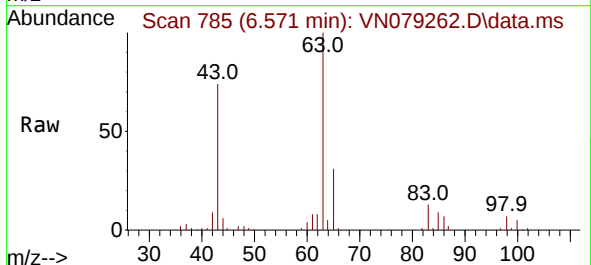
Manual Integrations
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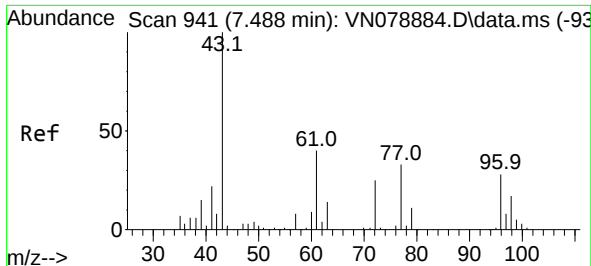
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#24
 1,1-Dichloroethane
 Concen: 52.917 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

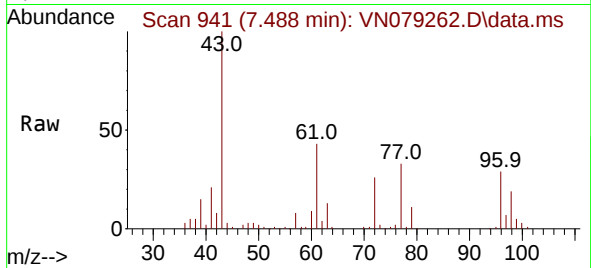
Tgt Ion: 63 Resp: 201470
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 5.3 2.5 7.4





#25
2-Butanone
Concen: 298.917 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

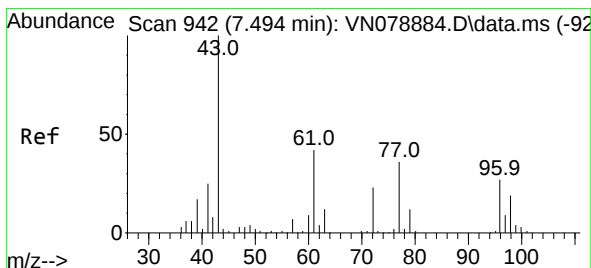
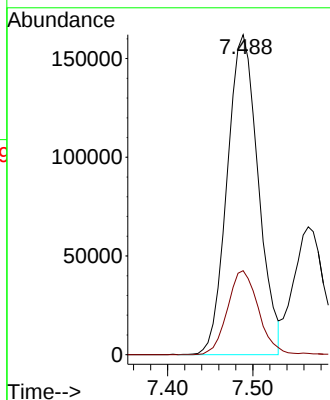
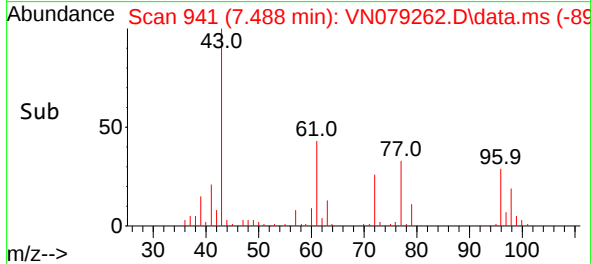
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 41137
Ion Ratio Lower Upper
43 100
72 26.2 30.2 45.2

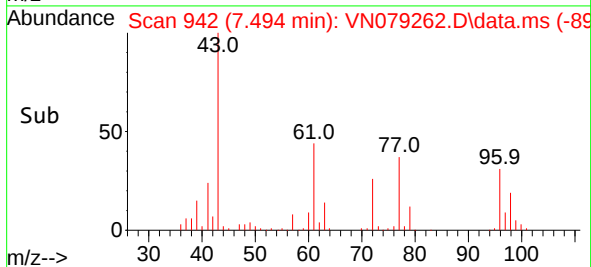
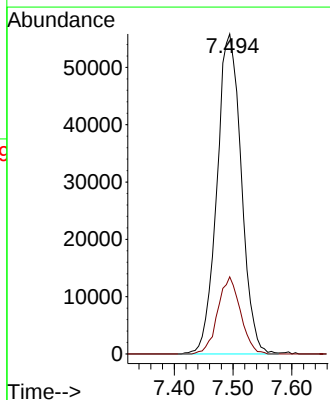
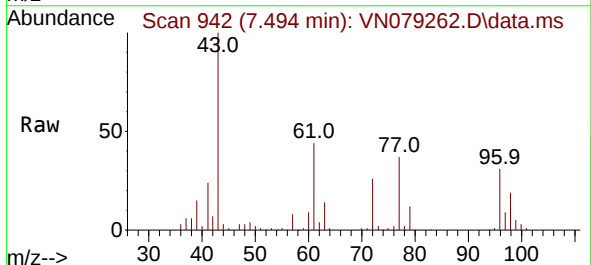
Manual Integrations
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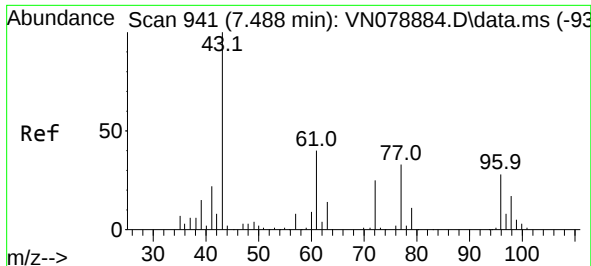
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#26
2,2-Dichloropropane
Concen: 51.415 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

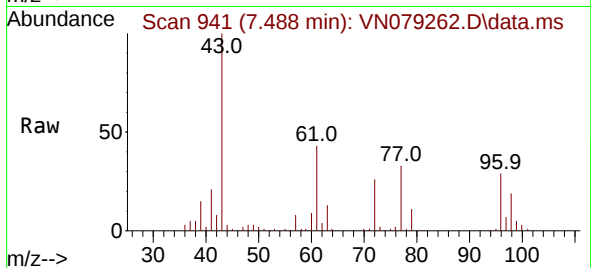
Tgt Ion: 77 Resp: 160638
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.938 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

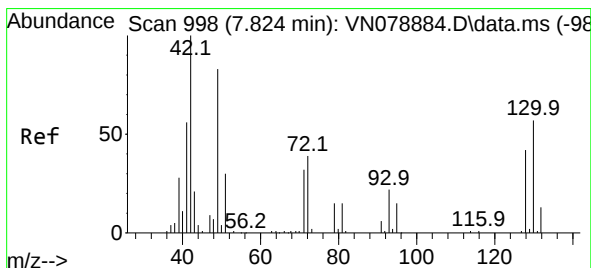
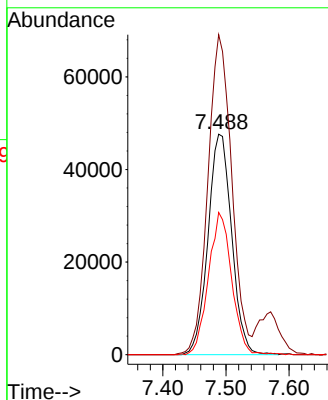
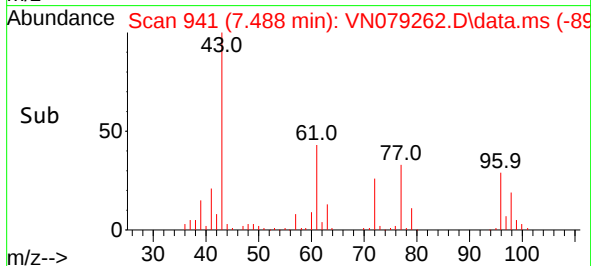
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12390
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 255.2
 98 63.1 0.0 128.8

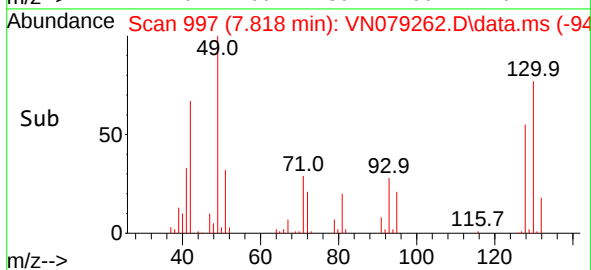
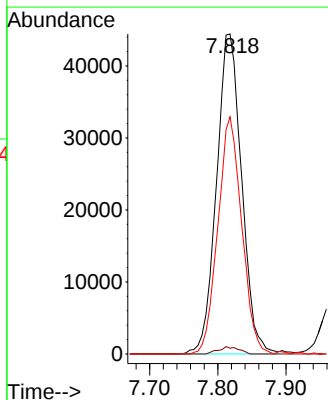
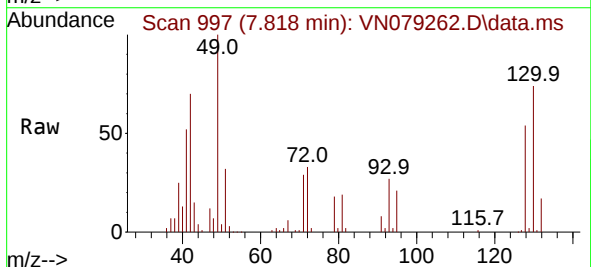
Manual Integrations
 APPROVED

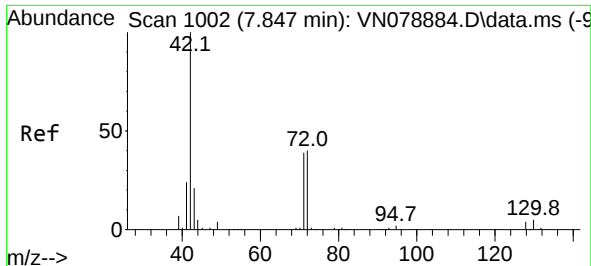
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#28
 Bromochloromethane
 Concen: 66.229 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

Tgt Ion: 49 Resp: 114007
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 70.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 288.104 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25232

Ion Ratio Lower Upper

42 100

72 46.0 49.8 74.6

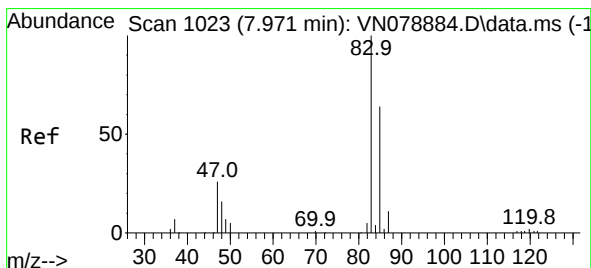
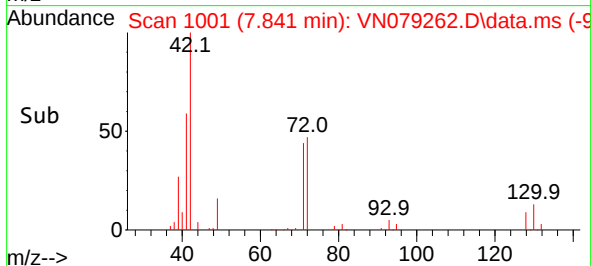
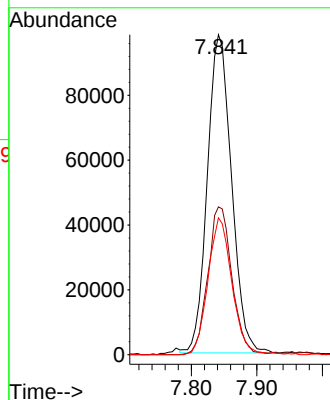
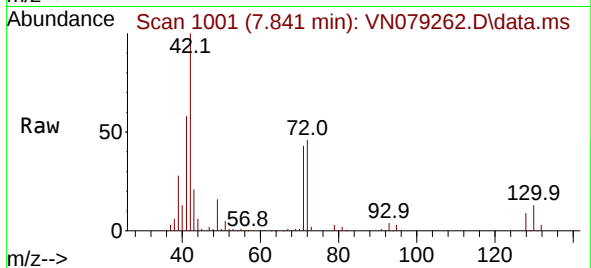
71 42.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 53.027 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079262.D

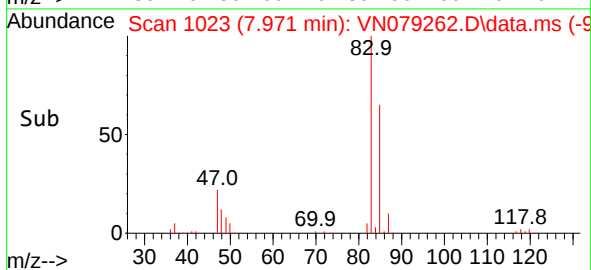
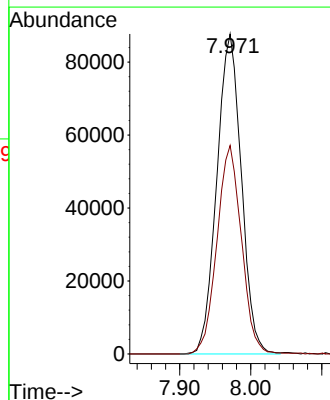
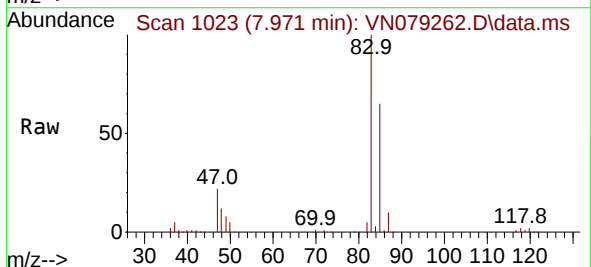
Acq: 15 Sep 2023 10:08

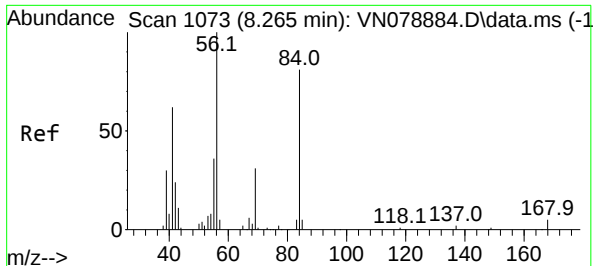
Tgt Ion: 83 Resp: 210200

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0





#31

Cyclohexane

Concen: 47.951 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079262.D

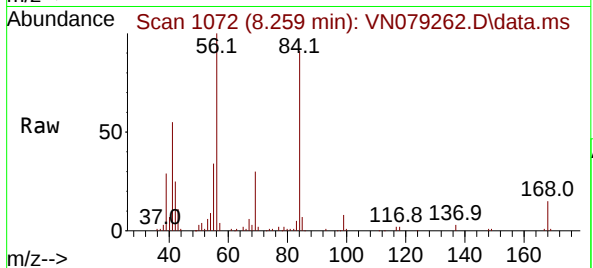
Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 15636

Ion Ratio Lower Upper

56 100

69 30.4 26.8 40.2

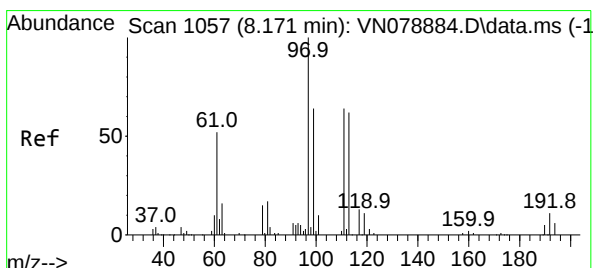
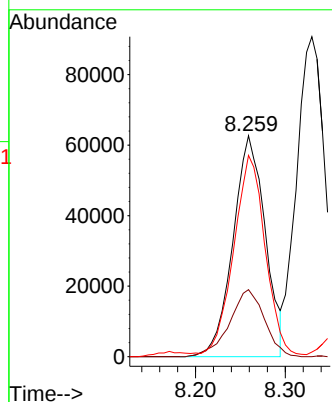
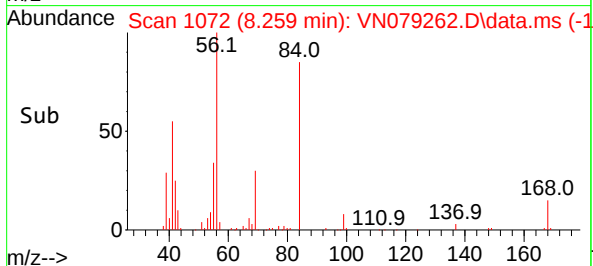
84 89.3 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#32

1,1,1-Trichloroethane

Concen: 50.538 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

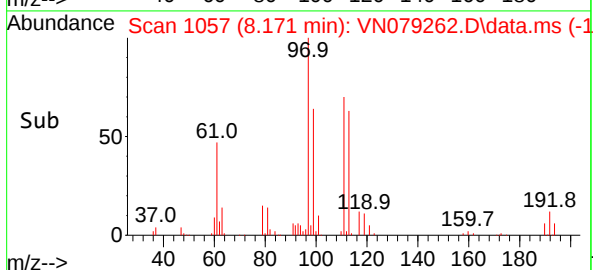
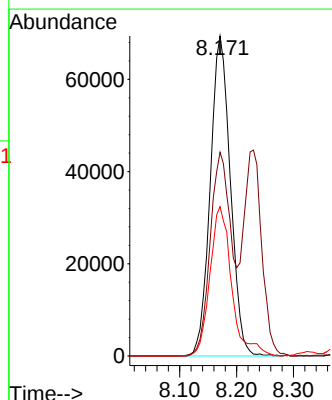
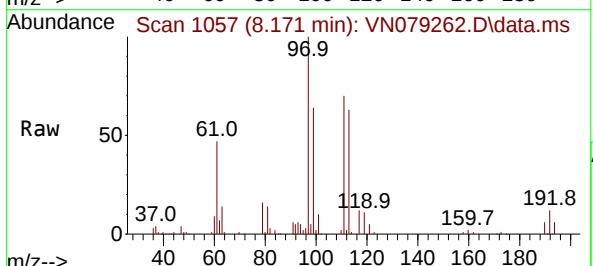
Tgt Ion: 97 Resp: 170770

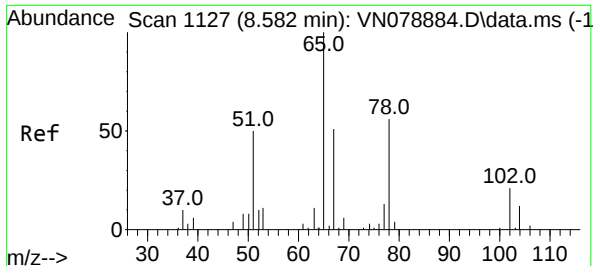
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 50.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 63.467 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 141744

Ion Ratio Lower Upper

65 100

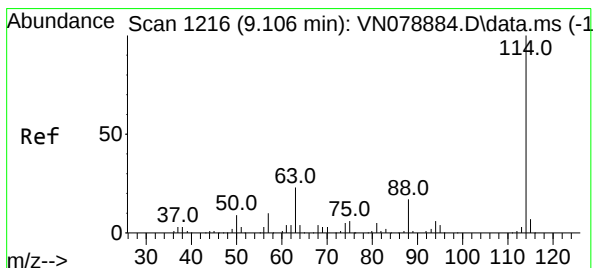
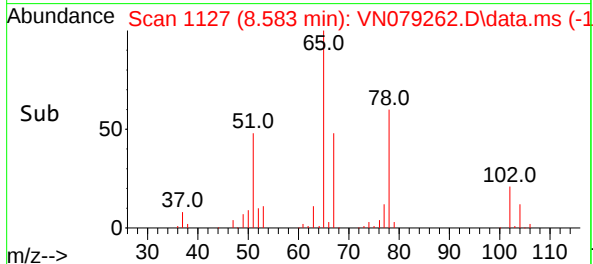
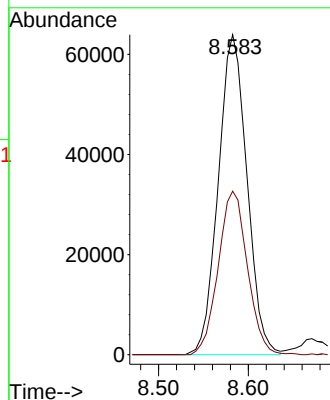
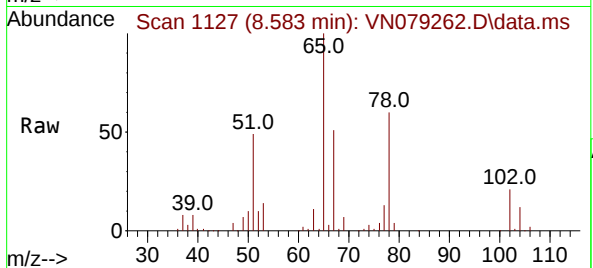
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

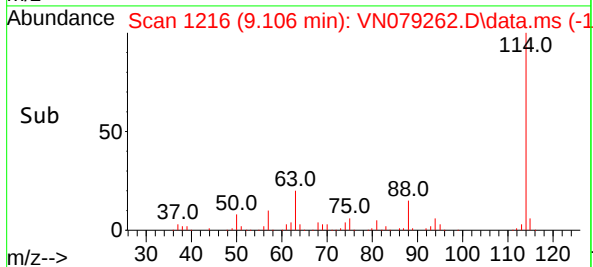
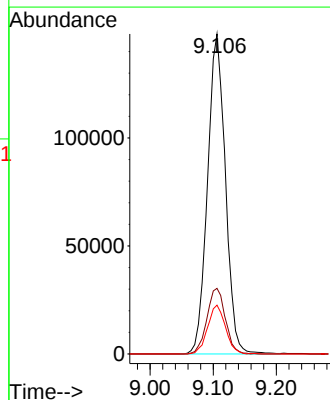
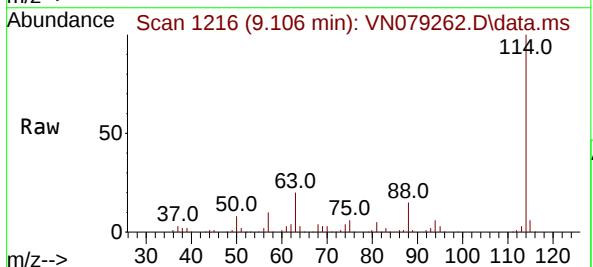
Tgt Ion:114 Resp: 291721

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.159 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079262.D

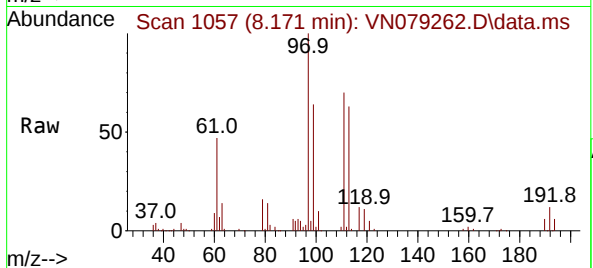
Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



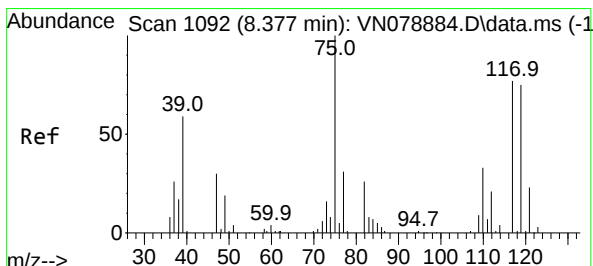
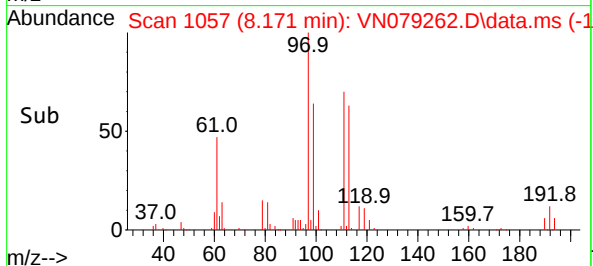
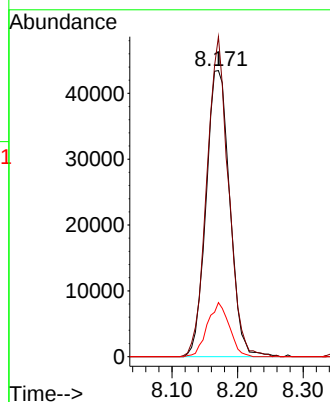
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	17.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 48.805 ug/l

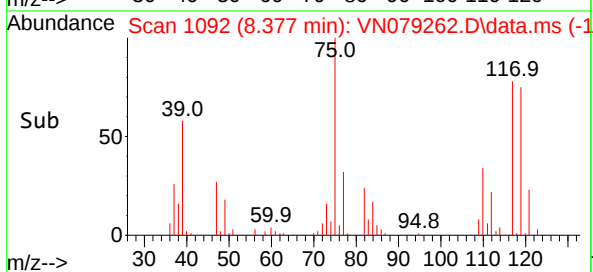
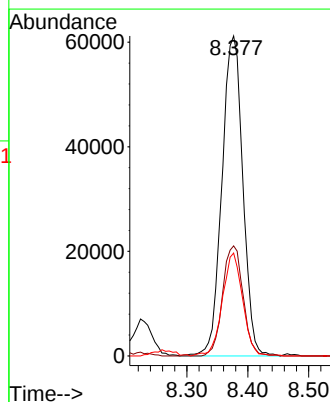
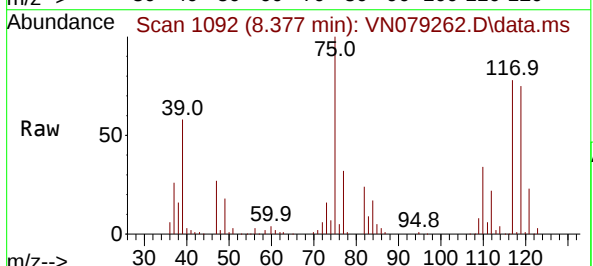
RT: 8.377 min Scan# 1092

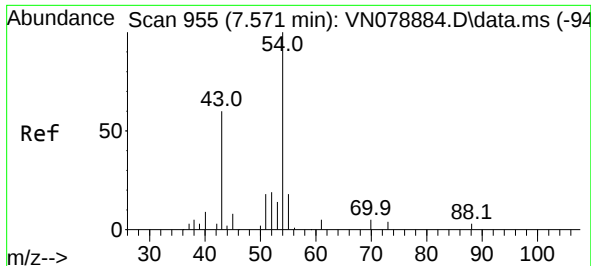
Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	19.1	57.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 56.136 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 167470

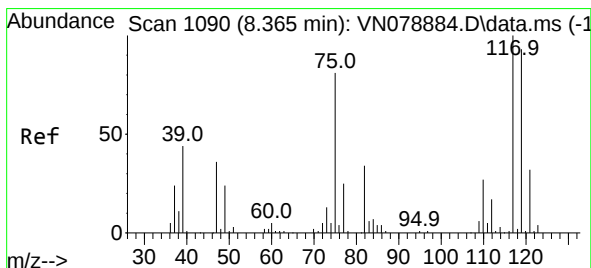
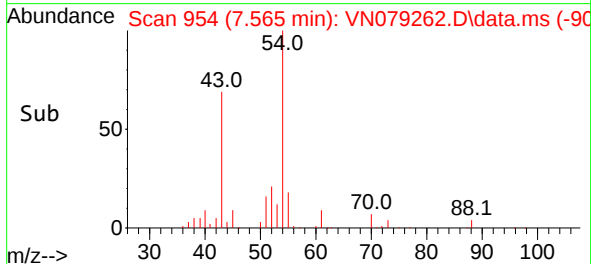
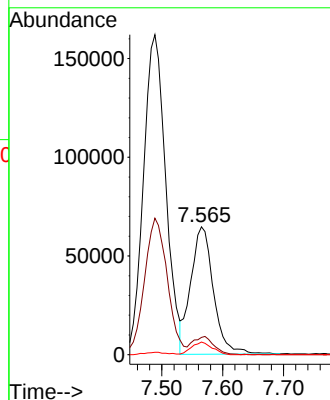
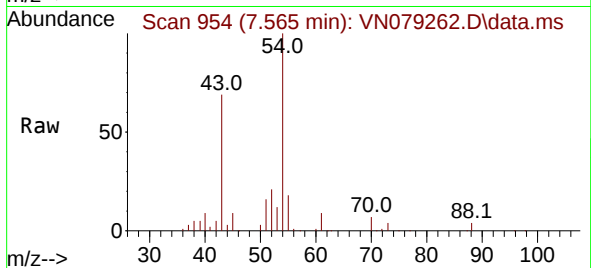
Ion	Ratio	Lower	Upper
43	100		
61	13.2	13.2	19.8
70	9.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#38

Carbon Tetrachloride

Concen: 47.273 ug/l

RT: 8.365 min Scan# 1090

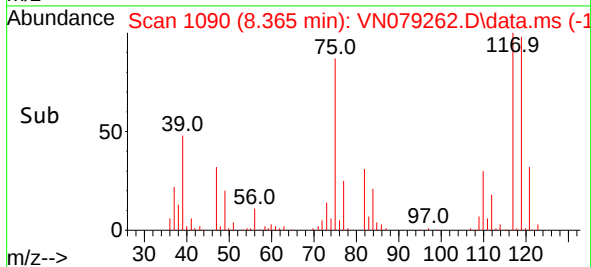
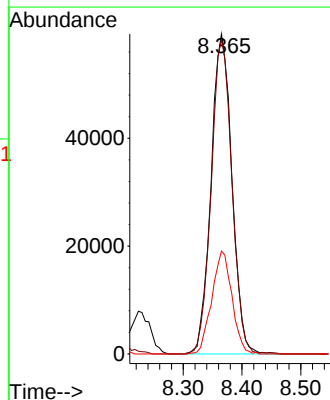
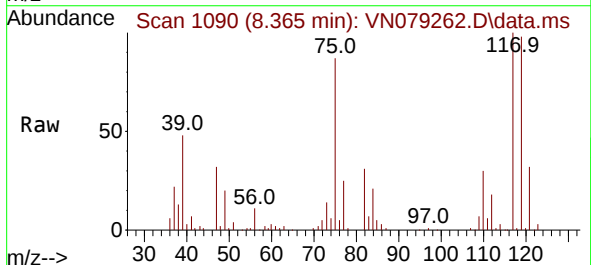
Delta R.T. -0.006 min

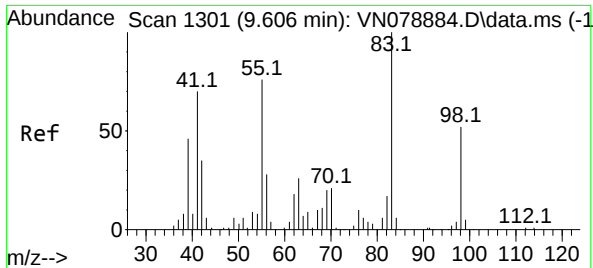
Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Tgt Ion:117 Resp: 146319

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.3	115.9
121	32.2	23.3	34.9





#39

Methylcyclohexane

Concen: 48.990 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 144538

Ion Ratio Lower Upper

83 100

55 77.1 49.1 73.7

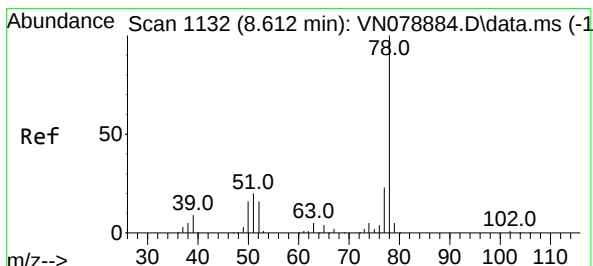
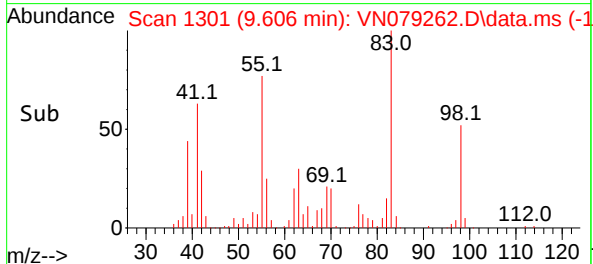
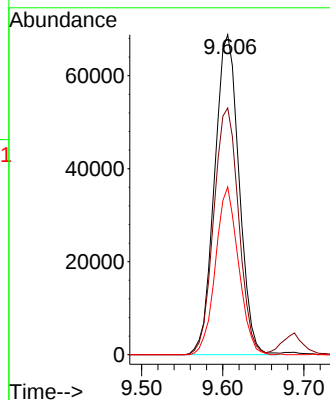
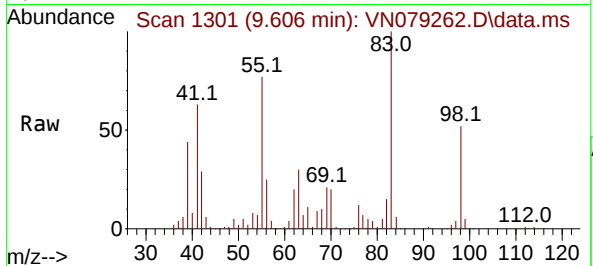
98 52.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 49.246 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079262.D

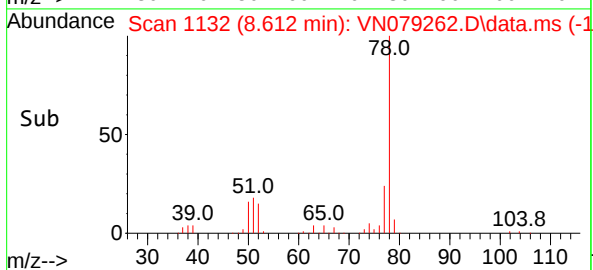
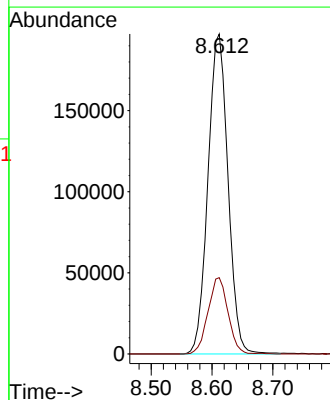
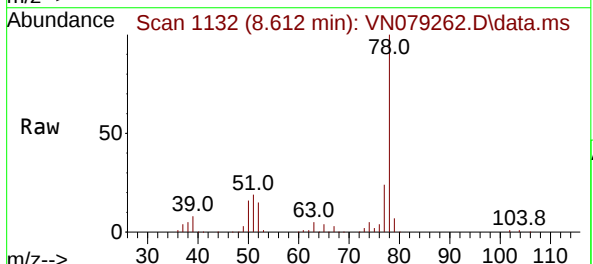
Acq: 15 Sep 2023 10:08

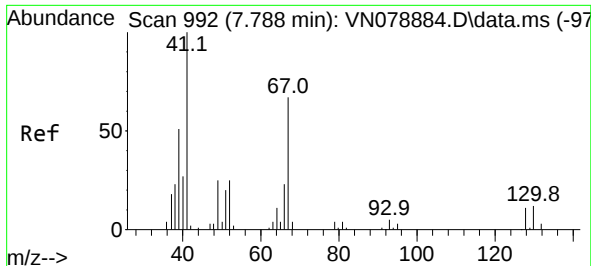
Tgt Ion: 78 Resp: 450904

Ion Ratio Lower Upper

78 100

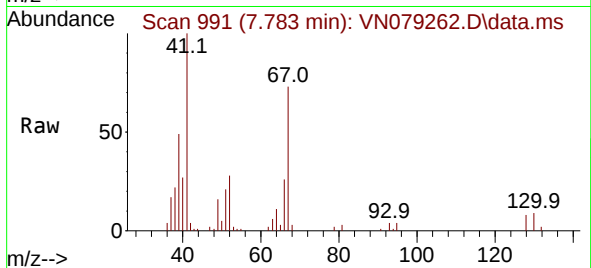
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 55.411 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

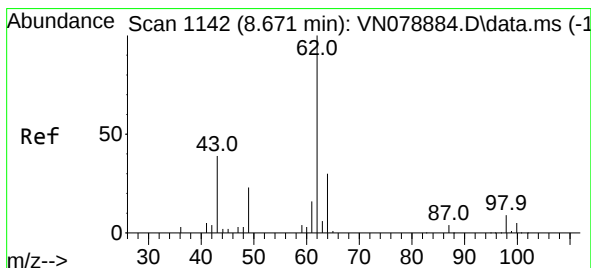
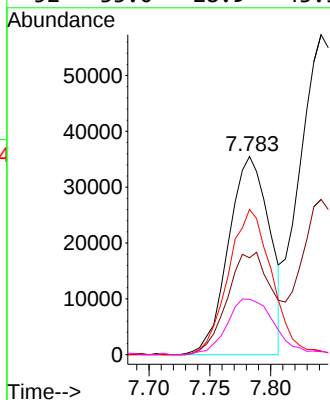
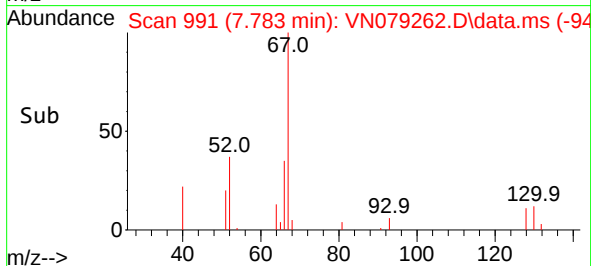
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion:	41	Resp:	8334
Ion Ratio	100	Lower	Upper
39	58.5	42.6	64.0
67	78.2	77.5	116.3
52	33.0	28.9	43.3

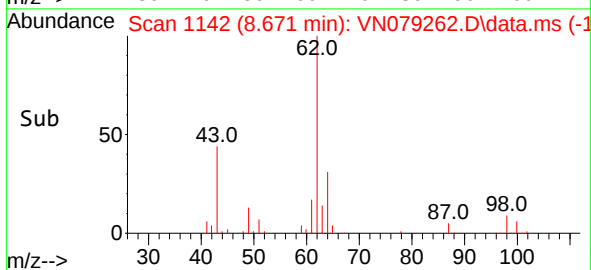
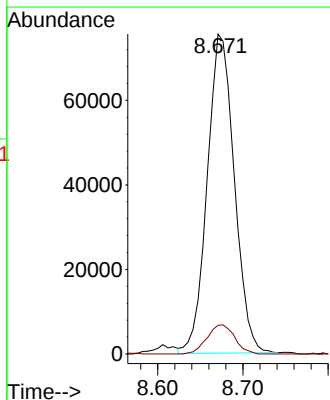
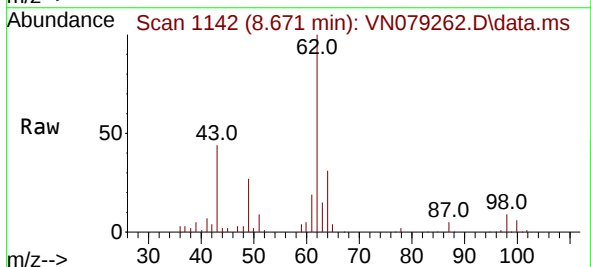
Manual Integrations
APPROVED

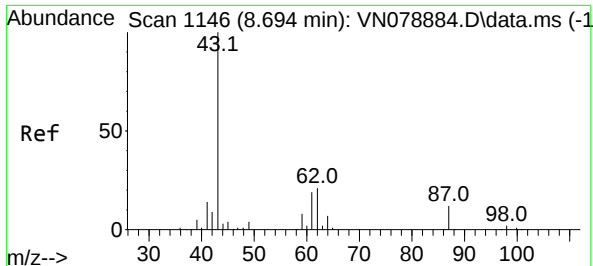
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#42
1,2-Dichloroethane
Concen: 53.025 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

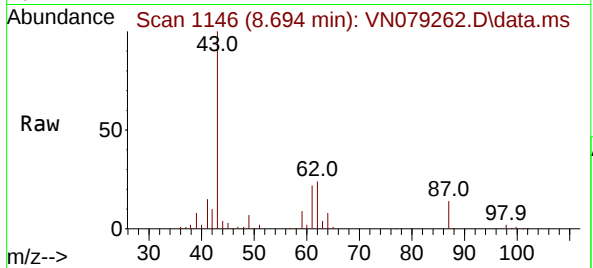
Tgt Ion:	62	Resp:	167141
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.8





#43
Isopropyl Acetate
Concen: 55.348 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

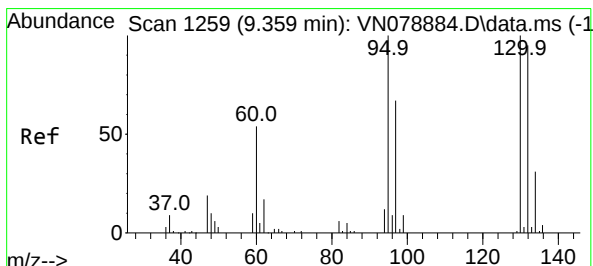
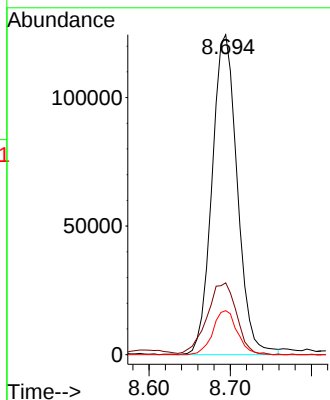
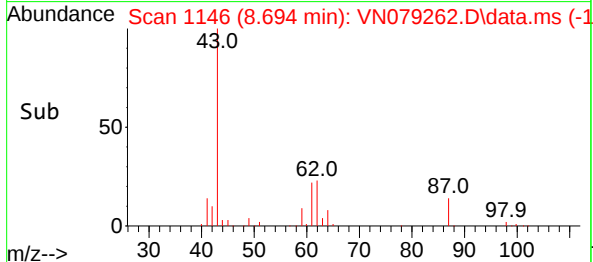
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



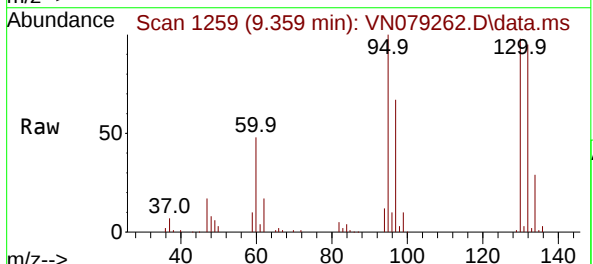
Tgt Ion: 43 Resp: 26942
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 13.3 14.6 21.8

Manual Integrations
APPROVED

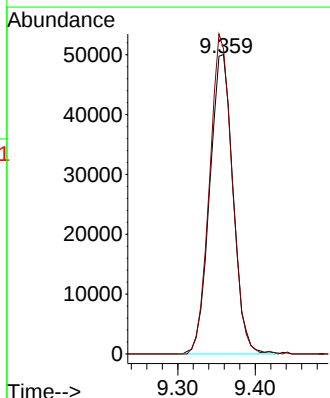
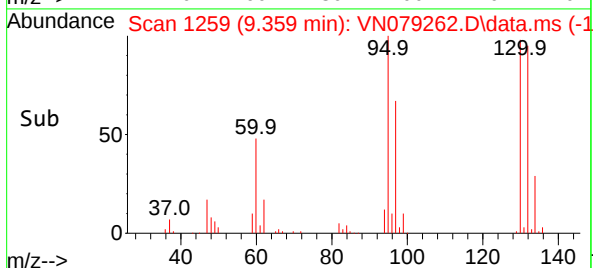
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

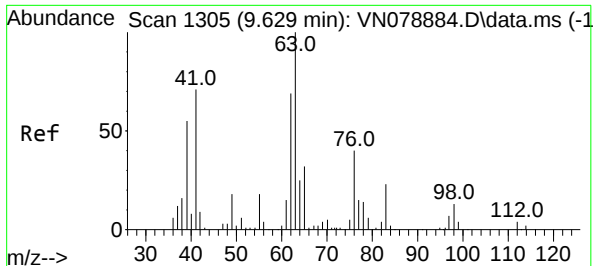


#44
Trichloroethene
Concen: 46.397 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion:130 Resp: 104651
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.430 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12141

Ion Ratio Lower Upper

63 100

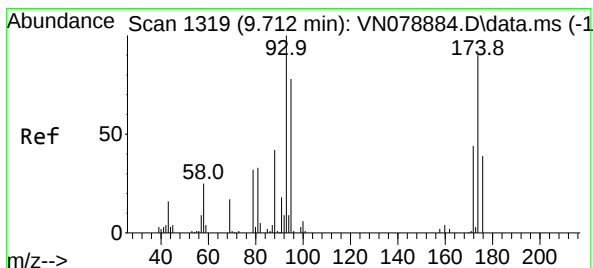
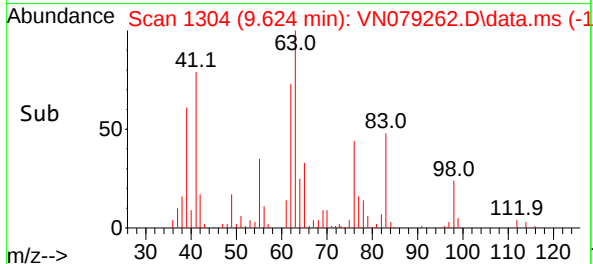
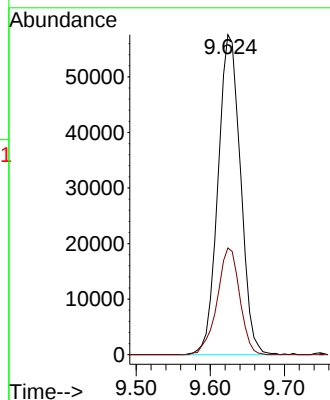
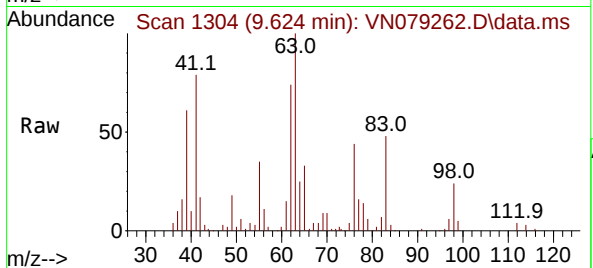
65 33.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 52.555 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

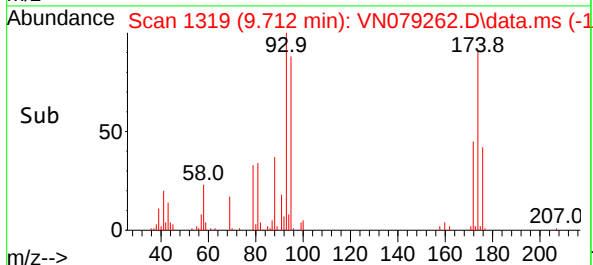
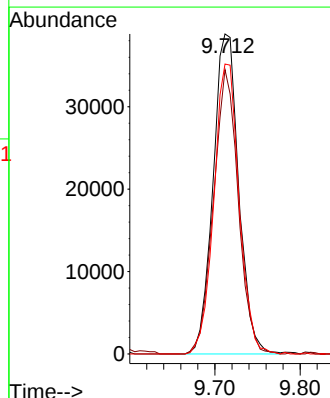
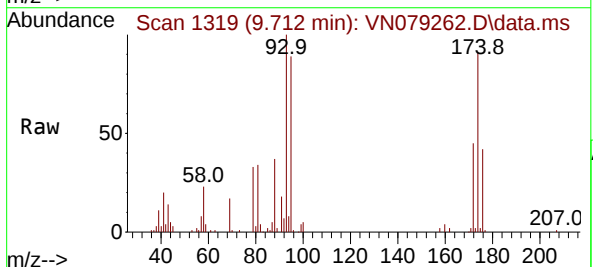
Tgt Ion: 93 Resp: 81071

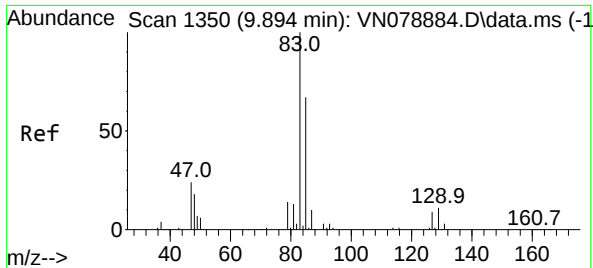
Ion Ratio Lower Upper

93 100

95 85.7 63.8 95.8

174 89.3 65.6 98.4





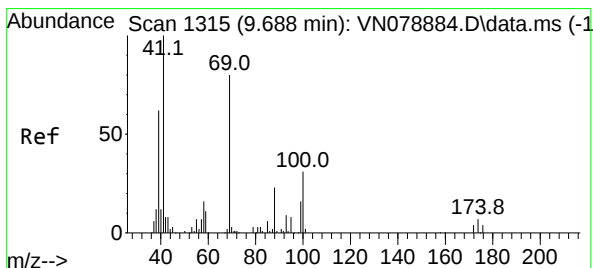
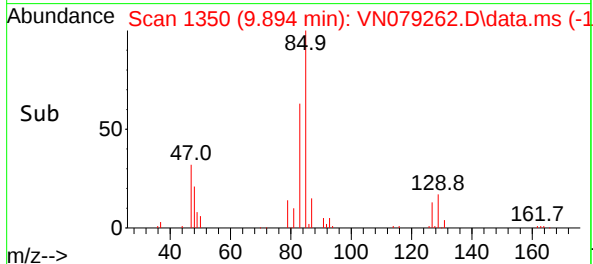
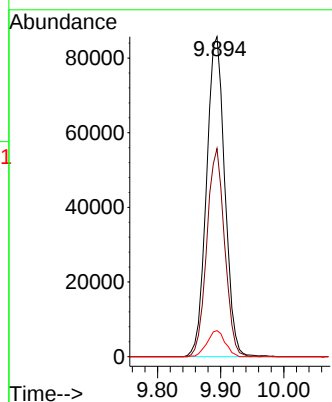
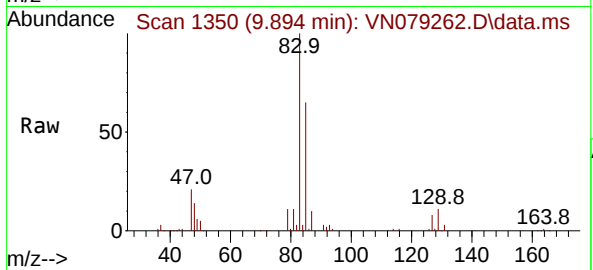
#47
Bromodichloromethane
Concen: 54.539 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 172318
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.1 7.0 10.6

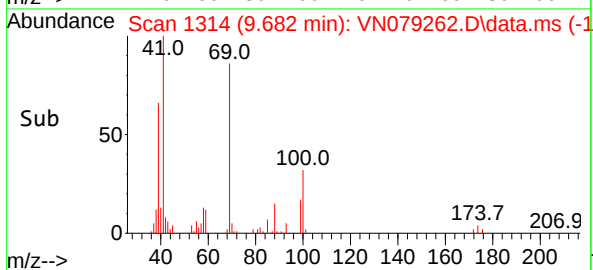
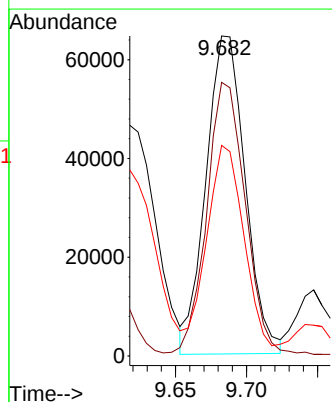
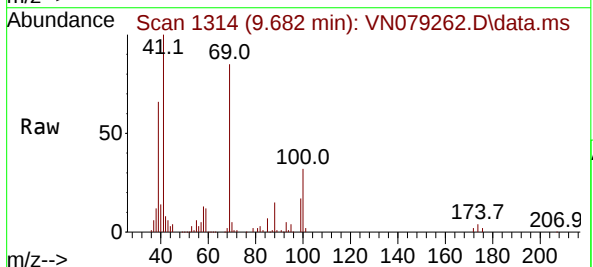
Manual Integrations
APPROVED

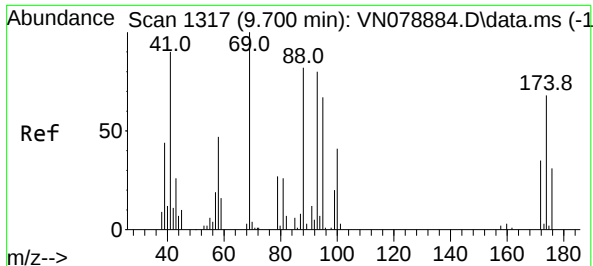
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#48
Methyl methacrylate
Concen: 56.798 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 41 Resp: 123842
Ion Ratio Lower Upper
41 100
69 85.9 90.4 135.6#
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1032.766 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 46310

Ion Ratio Lower Upper

88 100

43 30.0 17.0 25.6

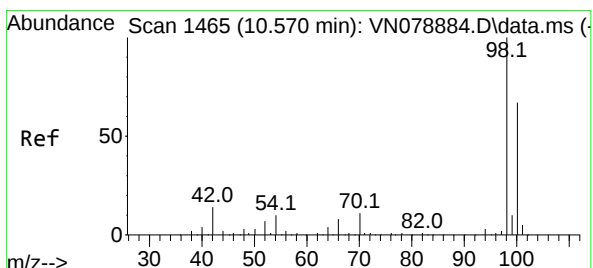
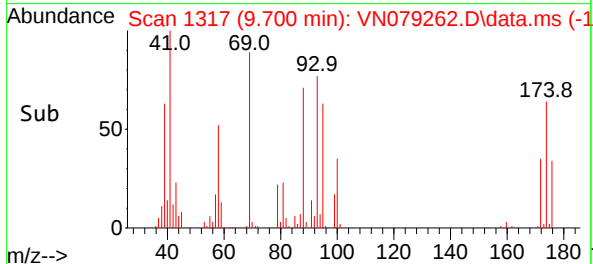
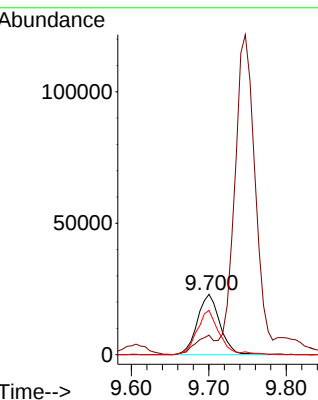
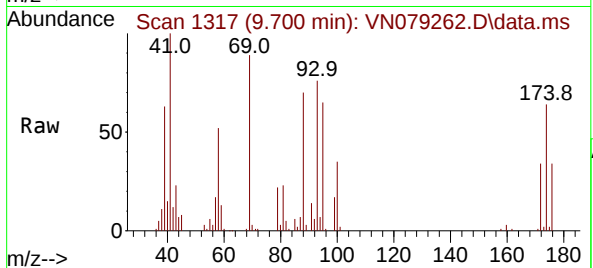
58 73.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#50

Toluene-d8

Concen: 56.310 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079262.D

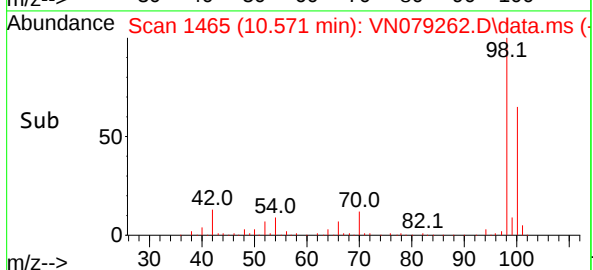
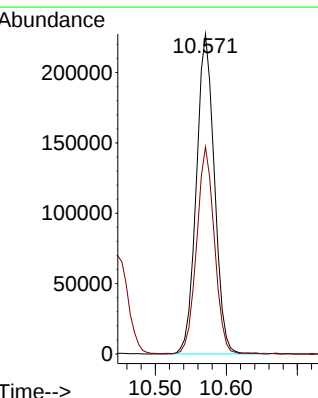
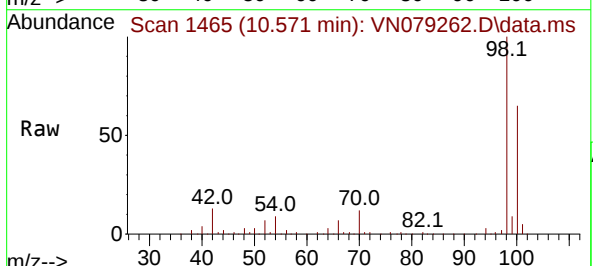
Acq: 15 Sep 2023 10:08

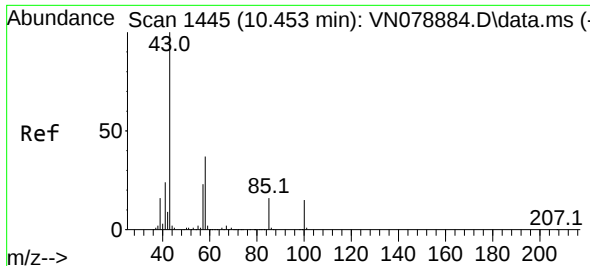
Tgt Ion: 98 Resp: 401218

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





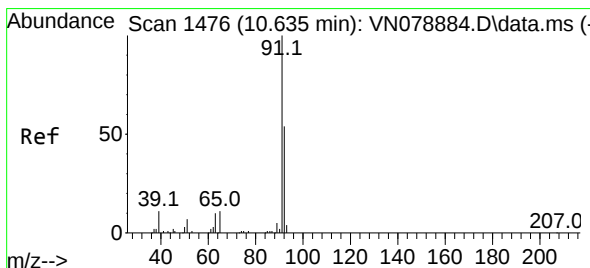
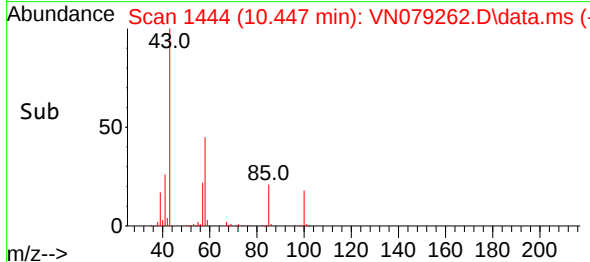
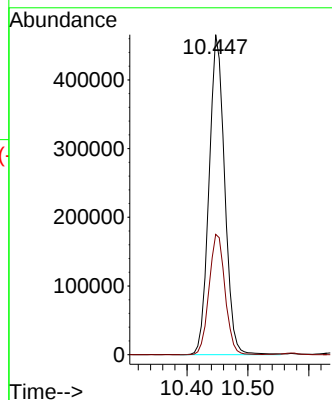
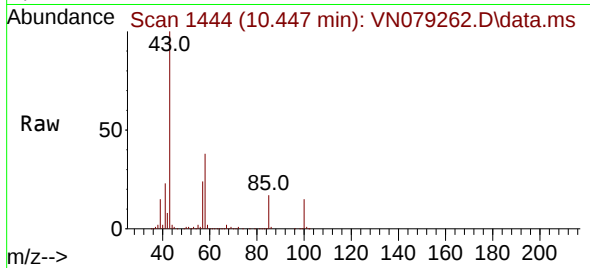
#51
4-Methyl-2-Pentanone
Concen: 293.814 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 83023
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8

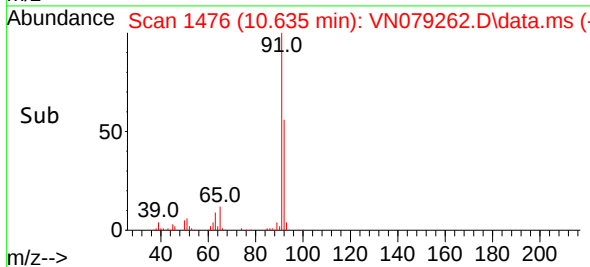
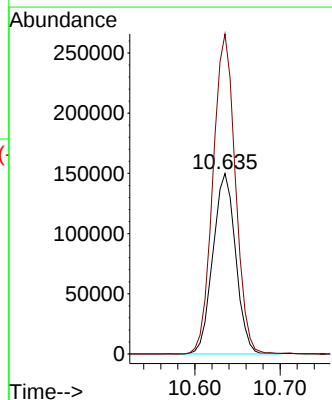
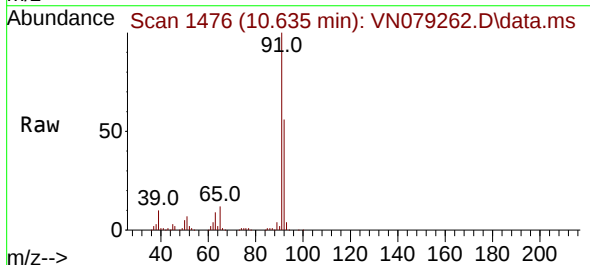
Manual Integrations
APPROVED

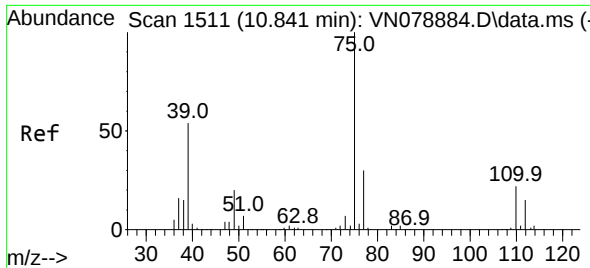
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#52
Toluene
Concen: 49.298 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 92 Resp: 277396
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.066 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

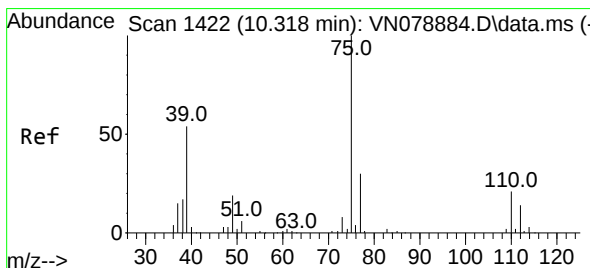
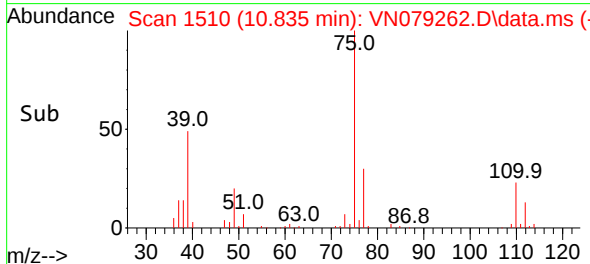
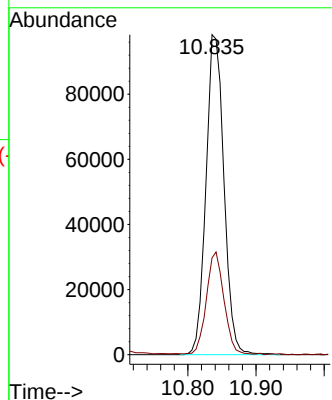
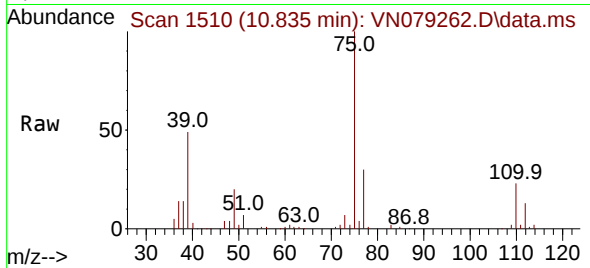
VSTDCCC050

Tgt Ion: 75 Resp: 18012
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

Manual Integrations

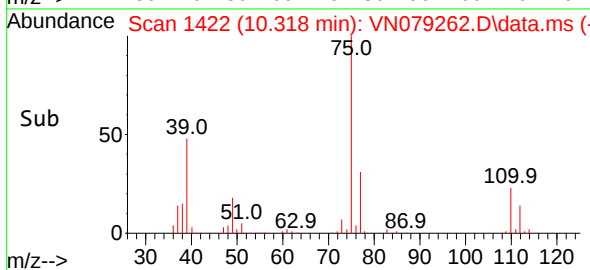
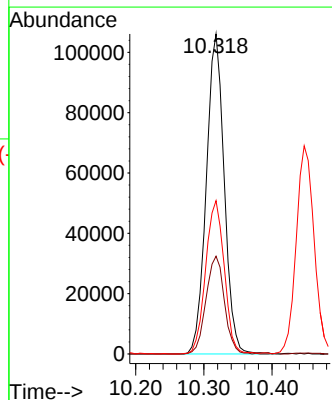
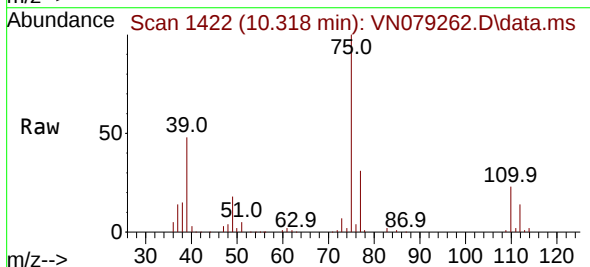
APPROVED

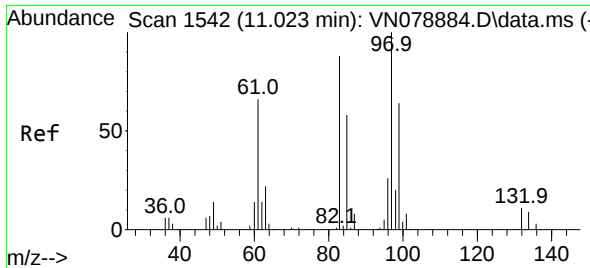
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#54
cis-1,3-Dichloropropene
Concen: 54.556 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 75 Resp: 194401
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 47.9 31.6 47.4#





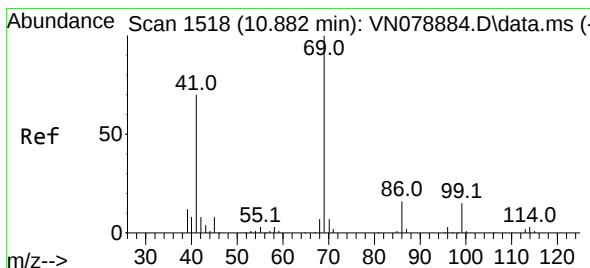
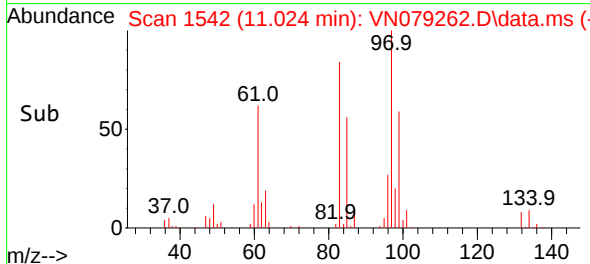
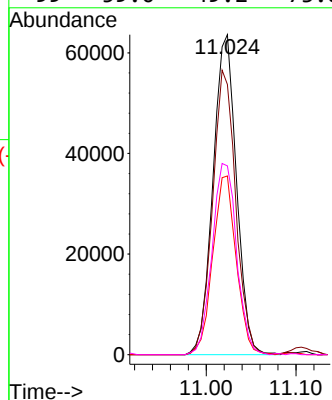
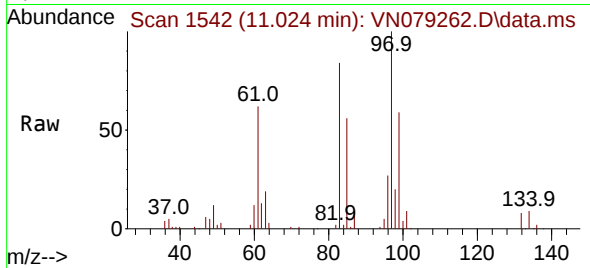
#55
1,1,2-Trichloroethane
Concen: 52.341 ug/l
RT: 11.024 min Scan# 11556
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	11556
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.1	97.7
85	55.8	43.4	65.2
99	59.0	49.2	73.8

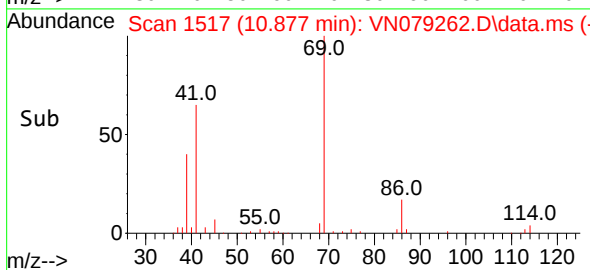
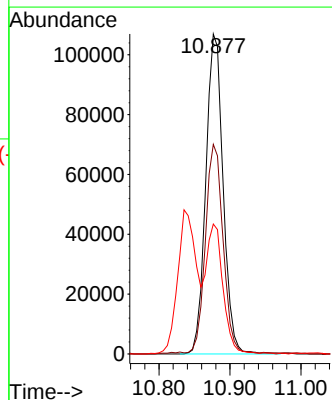
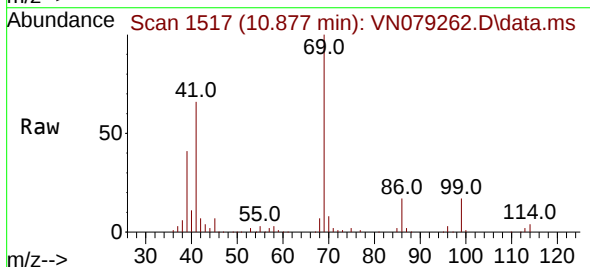
Manual Integrations
APPROVED

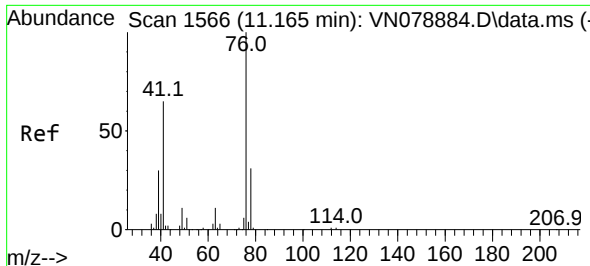
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#56
Ethyl methacrylate
Concen: 58.101 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion:	69	Resp:	181088
Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4
39	39.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.918 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 20579

Ion Ratio Lower Upper

76 100

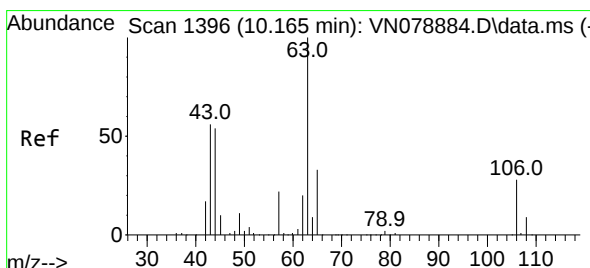
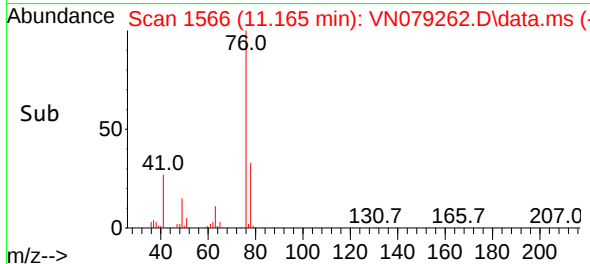
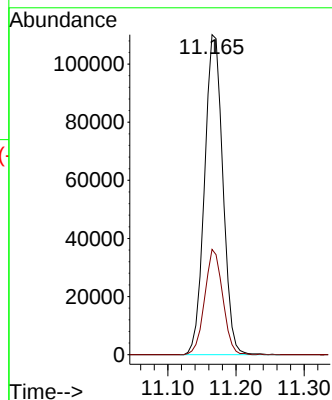
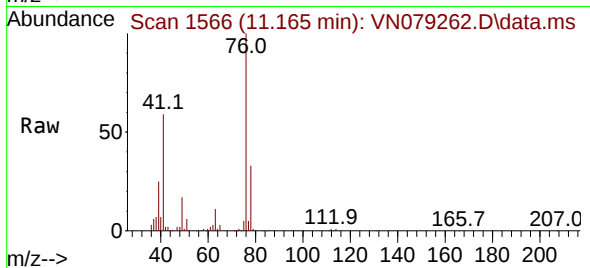
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 271.080 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079262.D

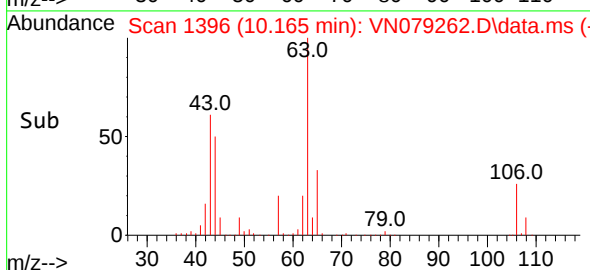
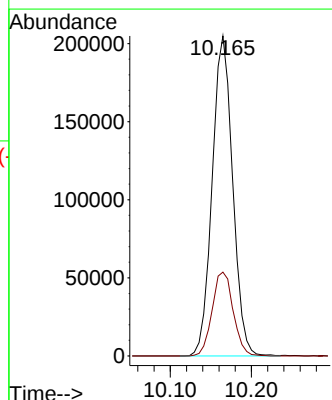
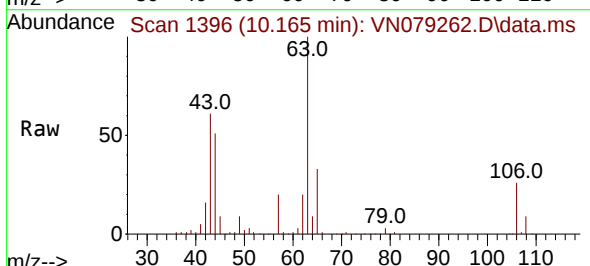
Acq: 15 Sep 2023 10:08

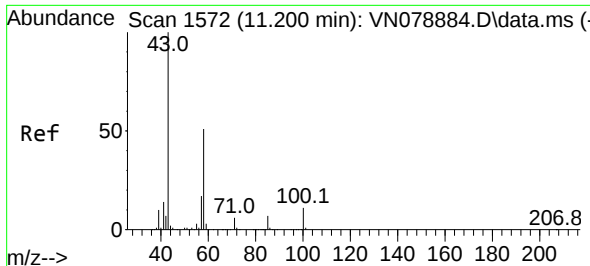
Tgt Ion: 63 Resp: 358707

Ion Ratio Lower Upper

63 100

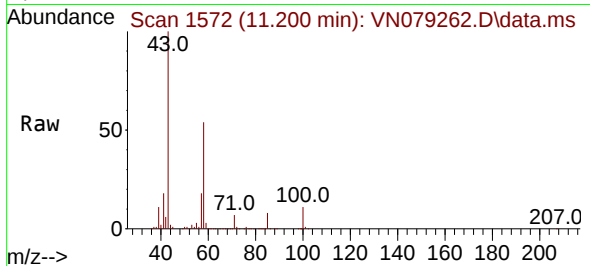
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 296.125 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

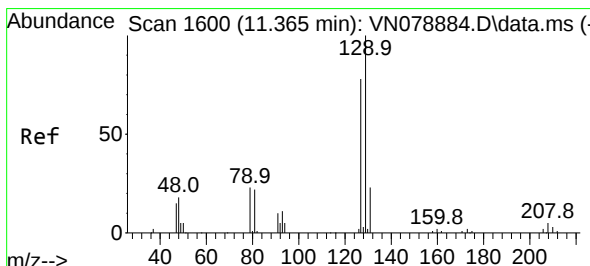
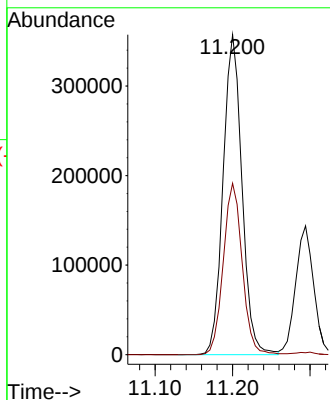
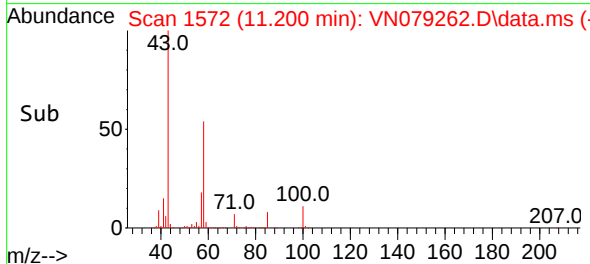
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 606062
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

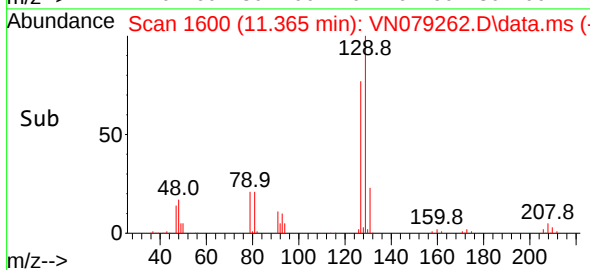
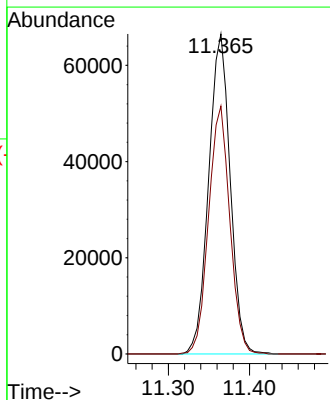
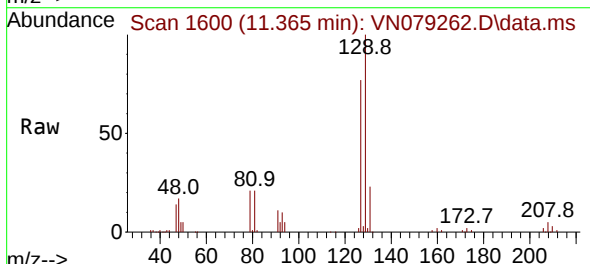
Manual Integrations
APPROVED

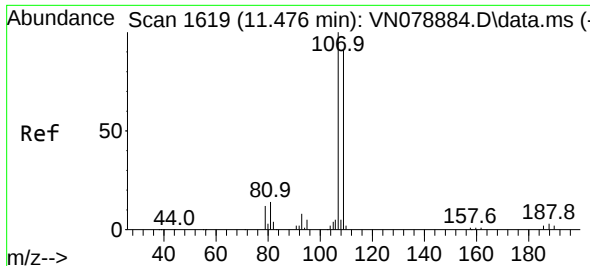
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#60
Dibromochloromethane
Concen: 52.083 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

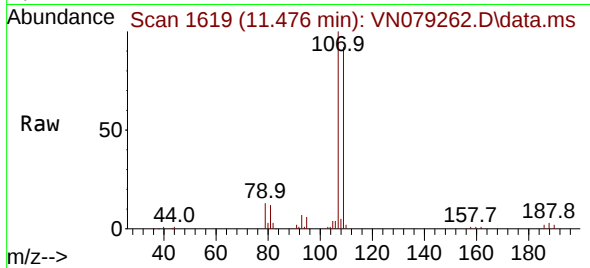
Tgt Ion:129 Resp: 122387
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.516 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

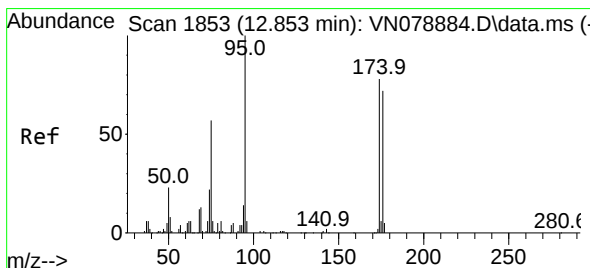
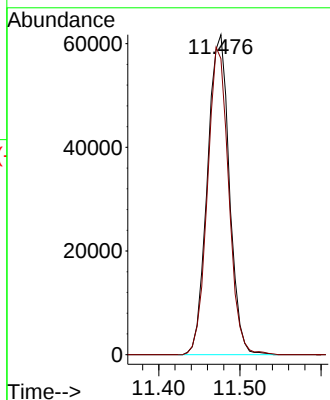
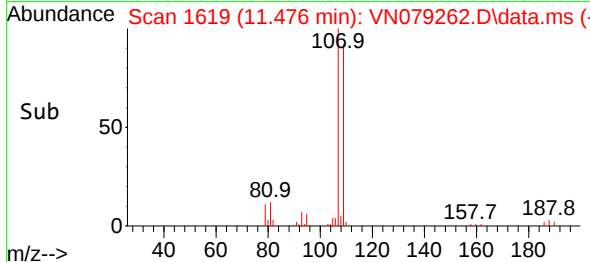
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



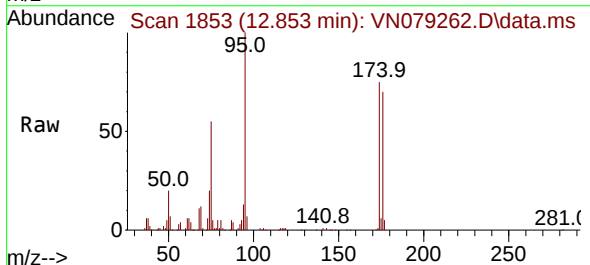
Tgt Ion: 107 Resp: 115710
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

Manual Integrations
APPROVED

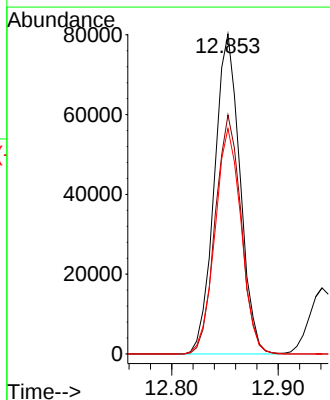
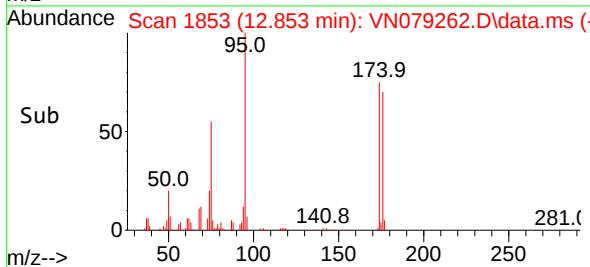
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

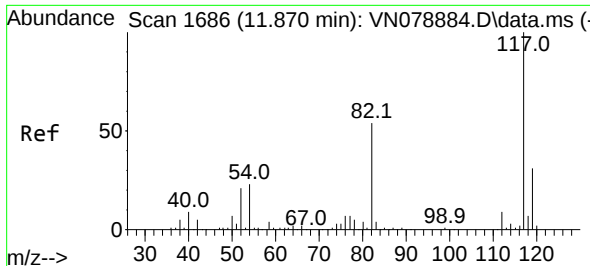


#62
4-Bromofluorobenzene
Concen: 58.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion: 95 Resp: 133798
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.1 0.0 135.8





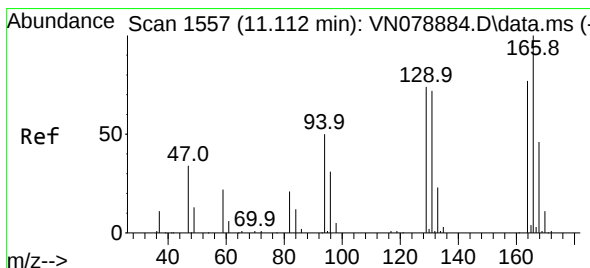
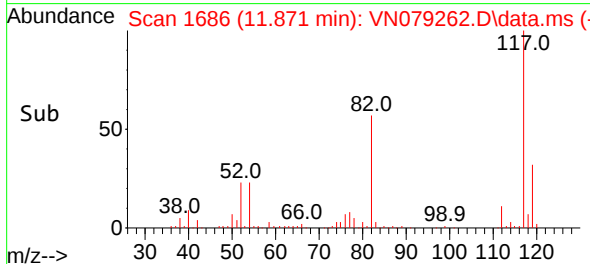
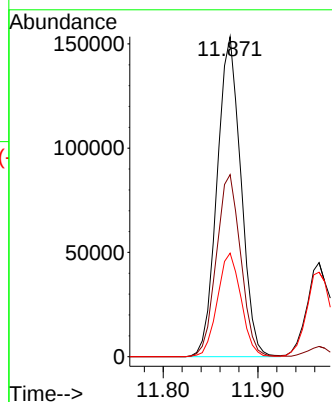
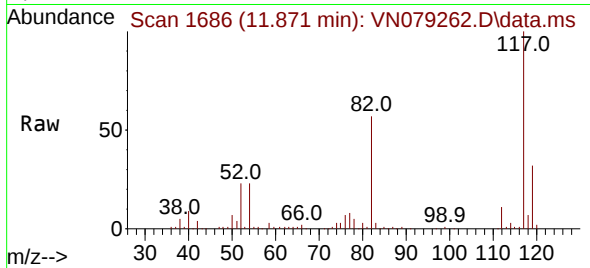
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 26850
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.3 25.6 38.4

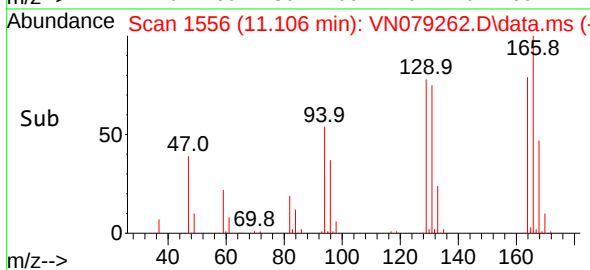
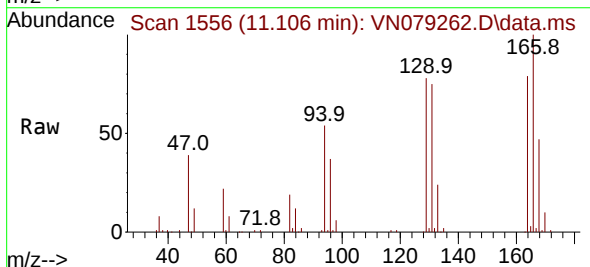
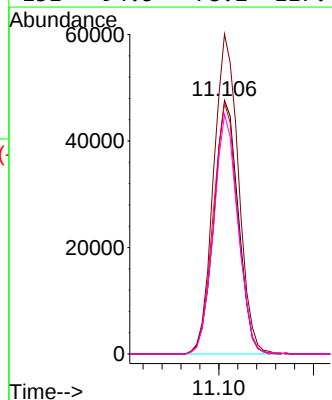
Manual Integrations
APPROVED

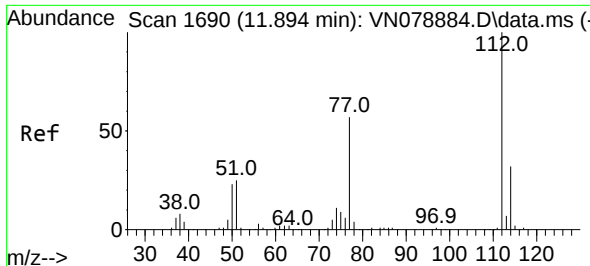
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 43.427 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

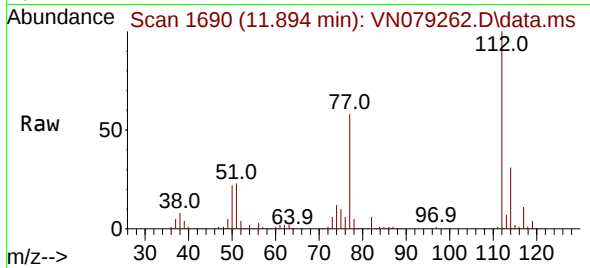
Tgt Ion:164 Resp: 85023
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 99.0 82.4 123.6
131 94.5 78.2 117.4





#65
Chlorobenzene
Concen: 47.339 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

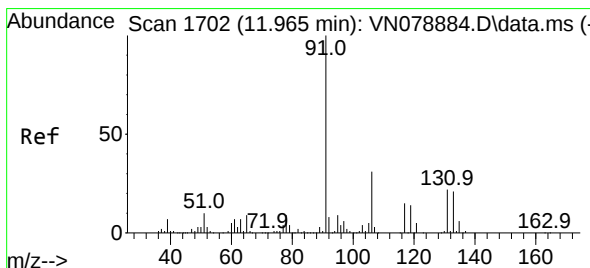
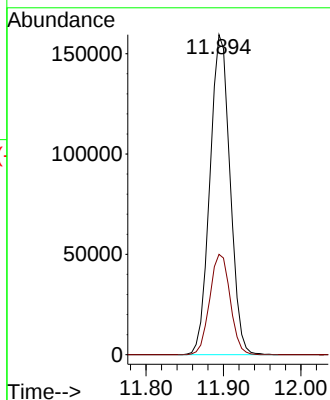
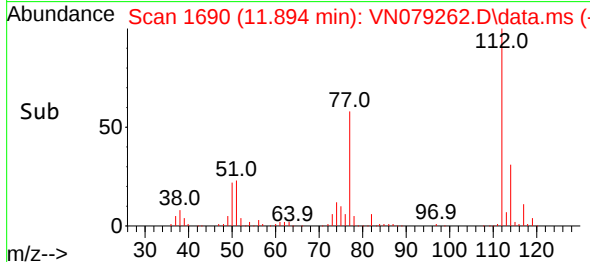
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



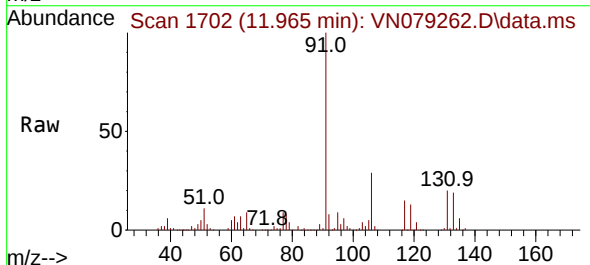
Tgt Ion:112 Resp: 28794
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

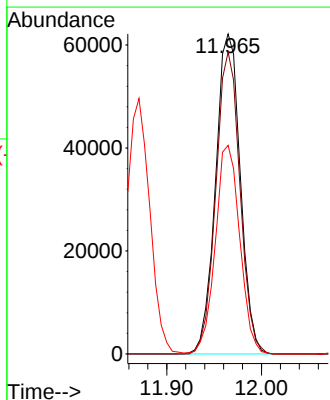
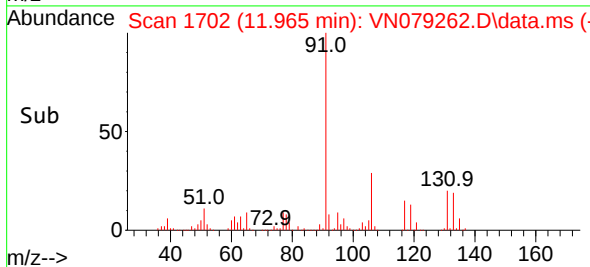
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

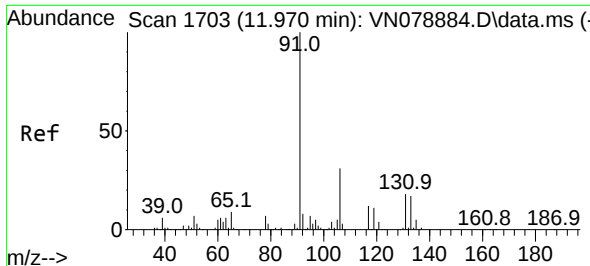


#66
1,1,1,2-Tetrachloroethane
Concen: 49.468 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion:131 Resp: 112832
Ion Ratio Lower Upper
131 100
133 92.0 46.4 139.1
119 64.6 34.1 102.2





#67

Ethyl Benzene

Concen: 50.818 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 52871

Ion Ratio Lower Upper

91 100

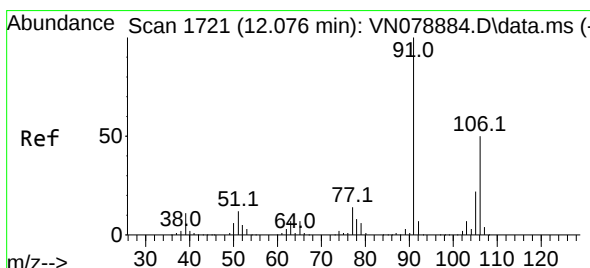
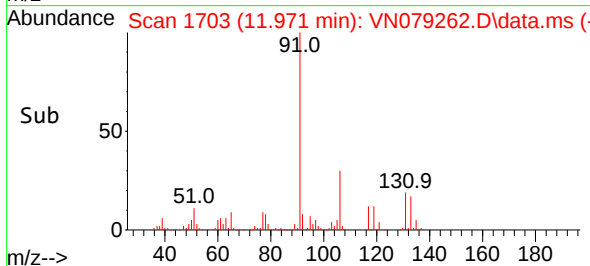
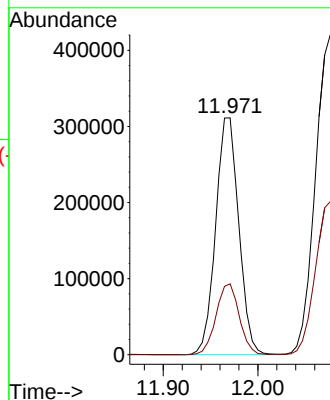
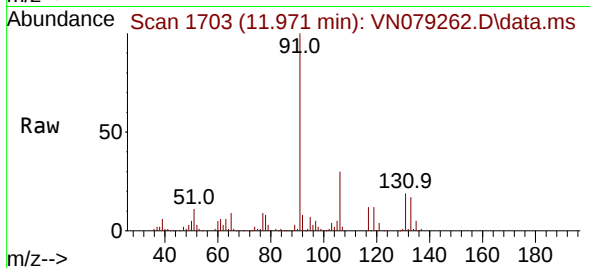
106 29.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#68

m/p-Xylenes

Concen: 102.066 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079262.D

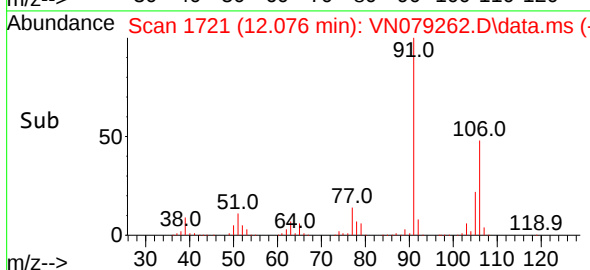
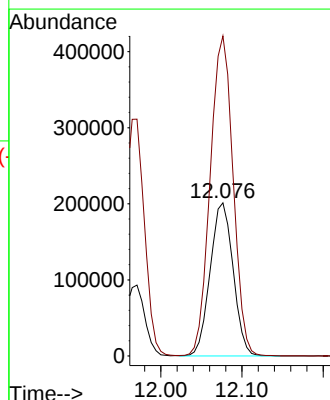
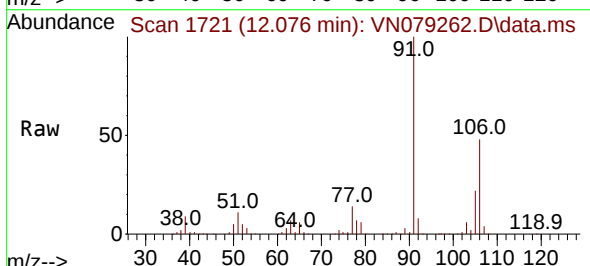
Acq: 15 Sep 2023 10:08

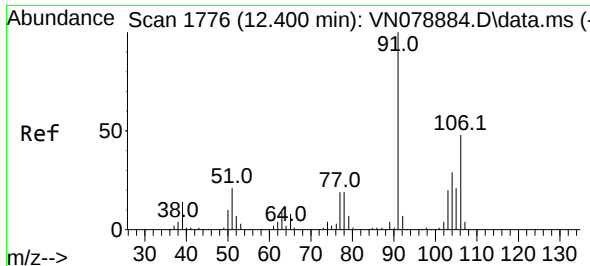
Tgt Ion:106 Resp: 395809

Ion Ratio Lower Upper

106 100

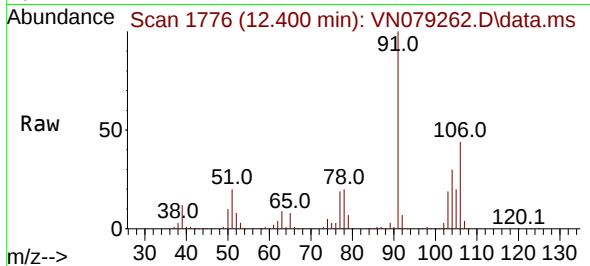
91 208.6 159.6 239.4





#69
o-Xylene
Concen: 51.951 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

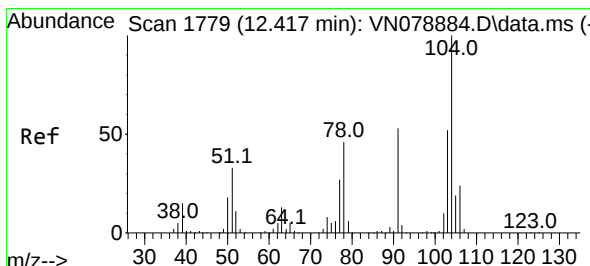
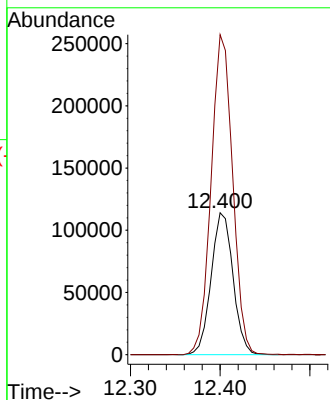
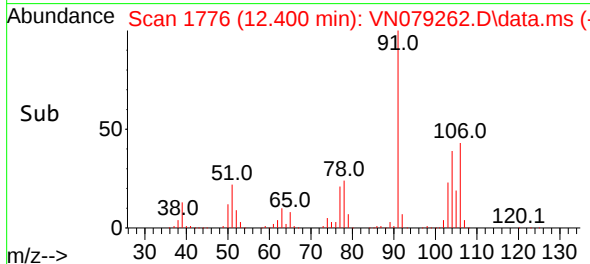
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 193219
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5

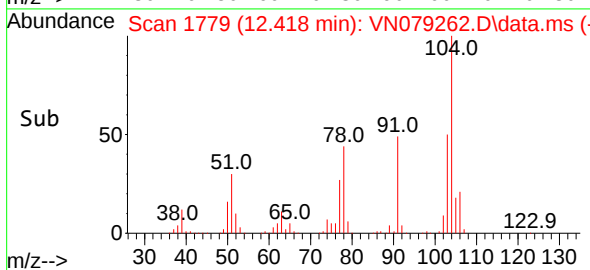
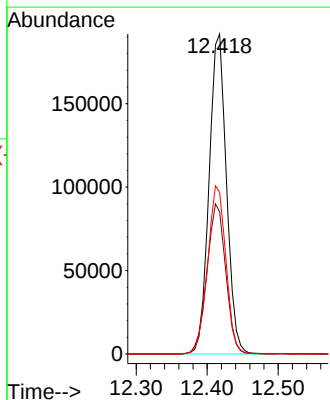
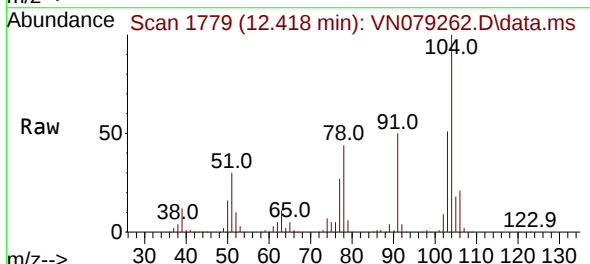
Manual Integrations
APPROVED

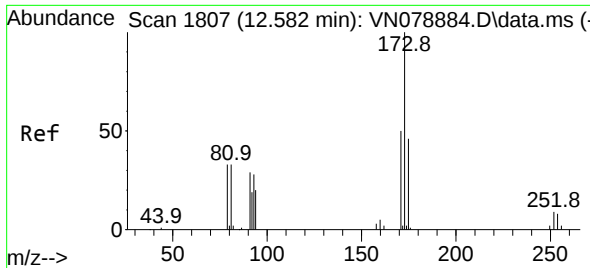
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 54.435 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

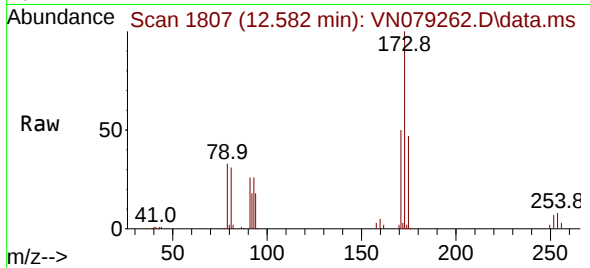
Tgt Ion:104 Resp: 325616
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 49.382 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

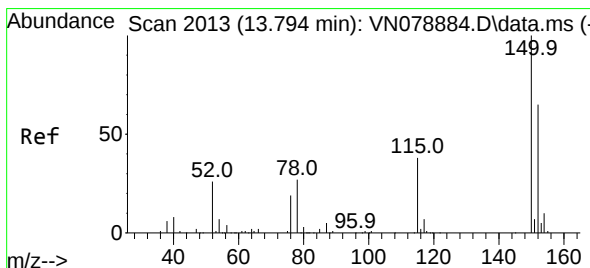
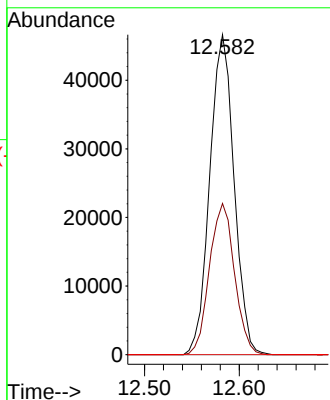
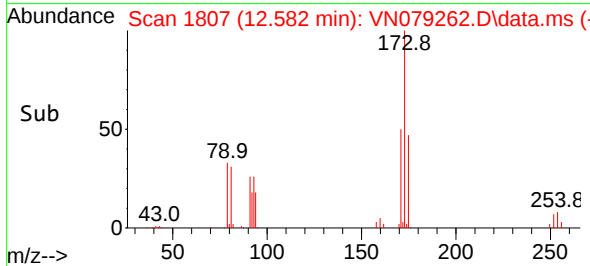
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 8315
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

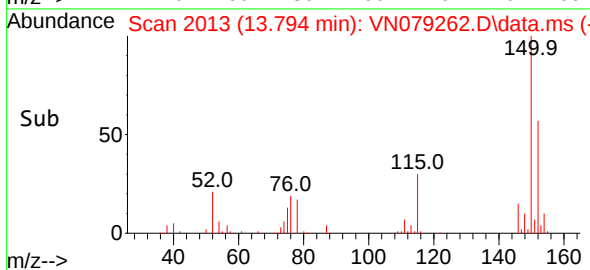
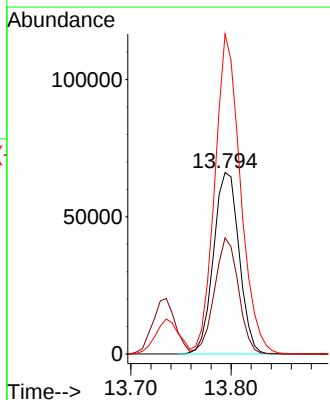
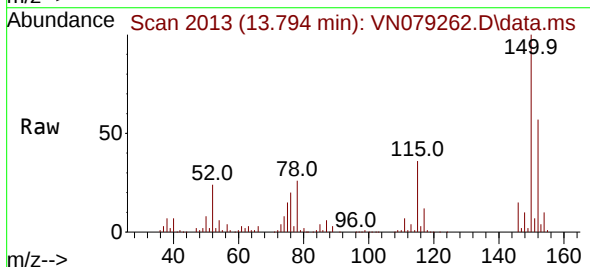
Manual Integrations
APPROVED

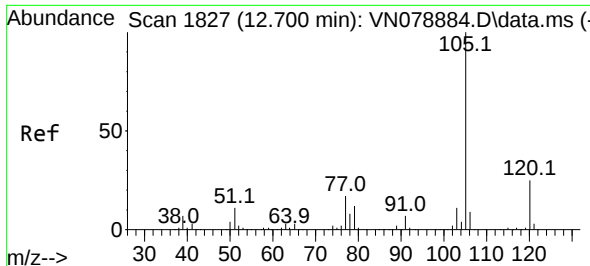
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion:152 Resp: 117161
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 177.3 0.0 355.8





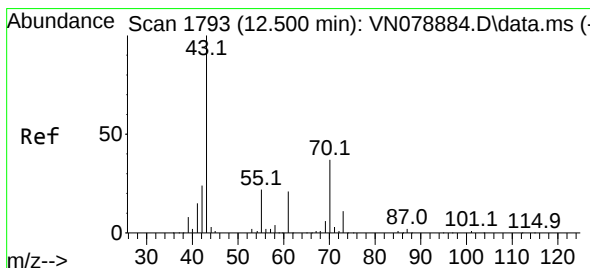
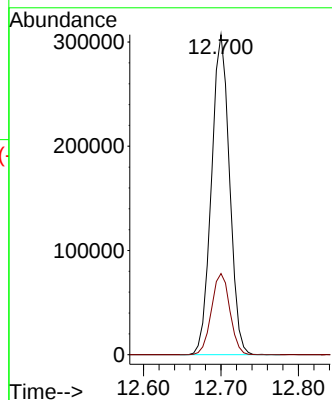
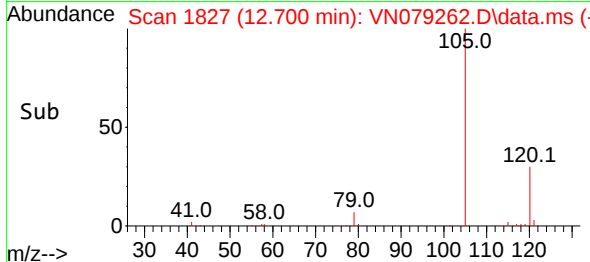
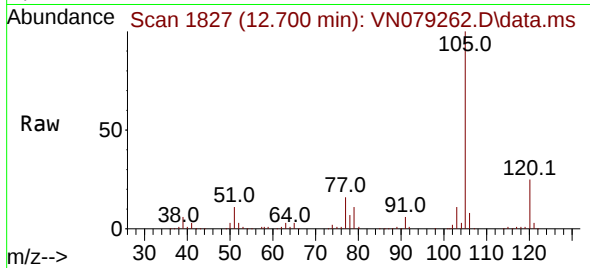
#73
Isopropylbenzene
Concen: 46.724 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 49805
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

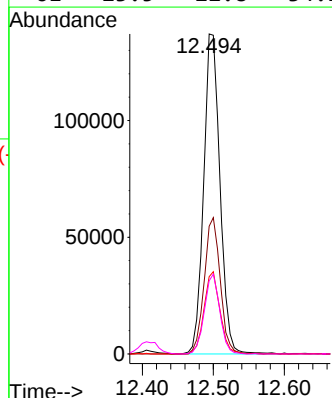
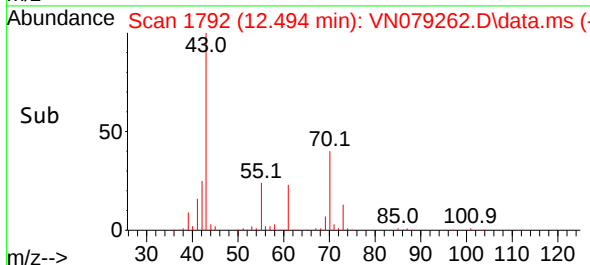
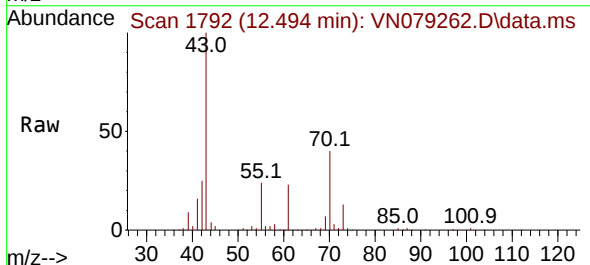
Manual Integrations
APPROVED

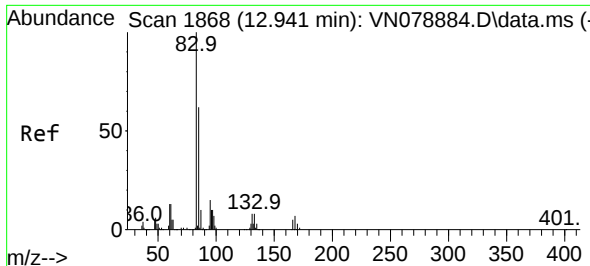
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#74
N-ethyl acetate
Concen: 54.354 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

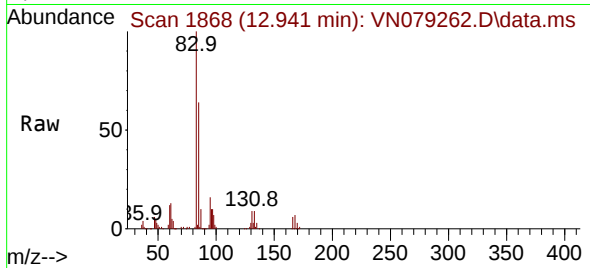
Tgt Ion: 43 Resp: 219815
Ion Ratio Lower Upper
43 100
70 41.7 43.4 65.2#
55 25.1 21.4 32.0
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.211 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

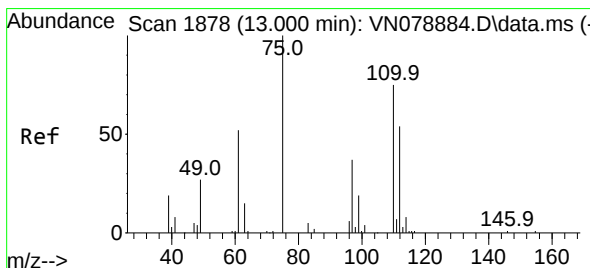
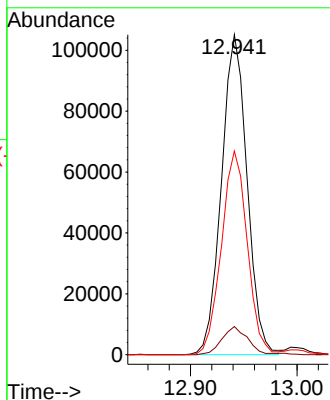
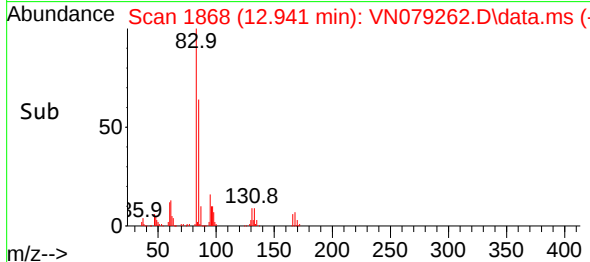
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 175489
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 64.1 31.9 95.7

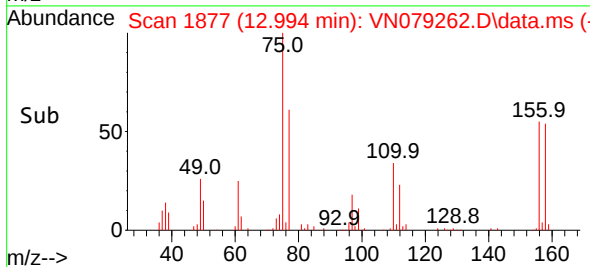
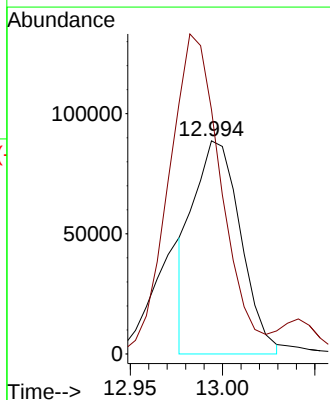
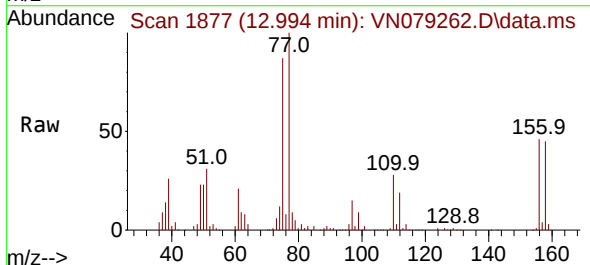
Manual Integrations
APPROVED

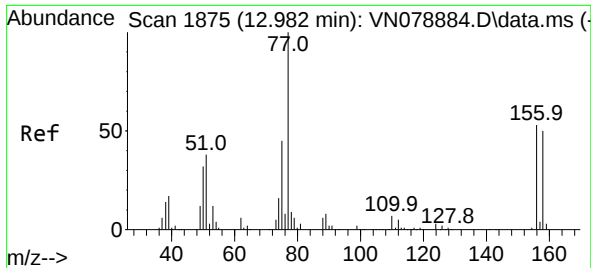
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#76
1,2,3-Trichloropropane
Concen: 50.188 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

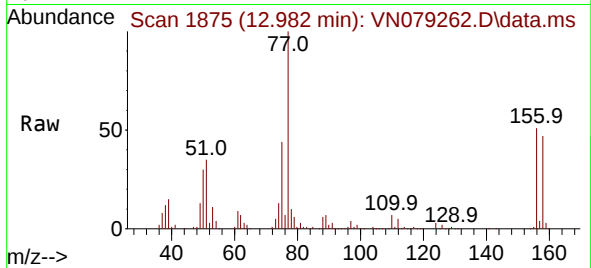
Tgt Ion: 75 Resp: 158476
Ion Ratio Lower Upper
75 100
77 165.9 84.5 253.5





#77
Bromobenzene
Concen: 43.598 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

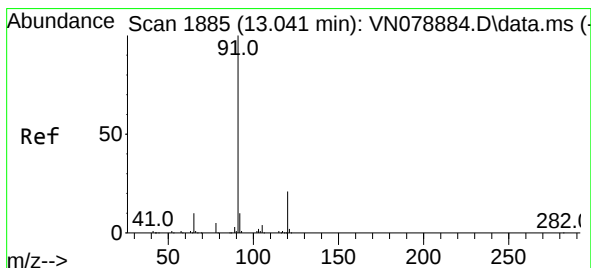
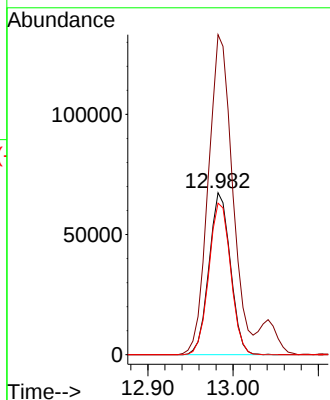
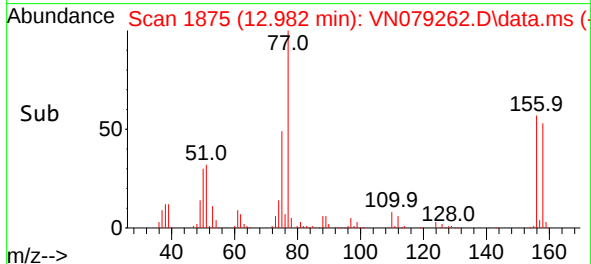
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



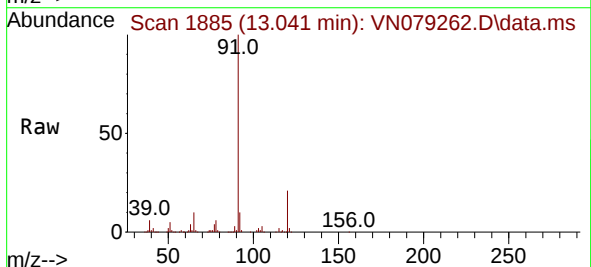
Tgt Ion:156 Resp: 117670
Ion Ratio Lower Upper
156 100
77 223.4 107.7 323.3
158 95.4 48.4 145.3

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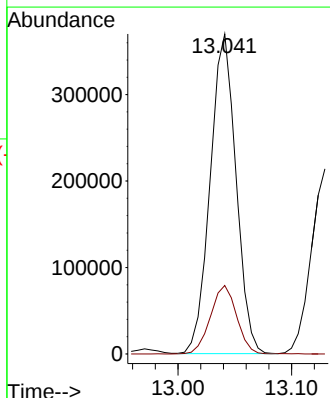
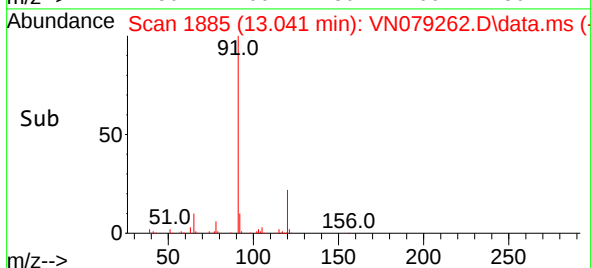
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

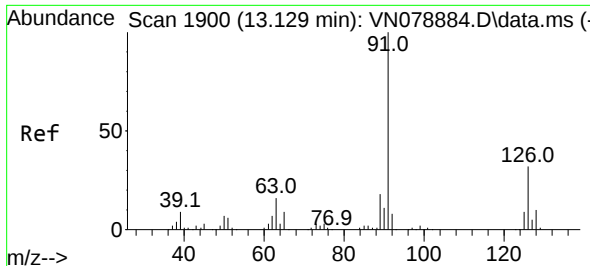


#78
n-propylbenzene
Concen: 48.826 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion: 91 Resp: 584666
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





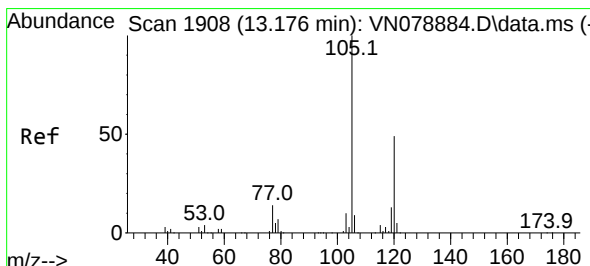
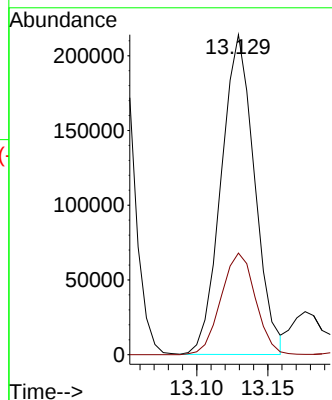
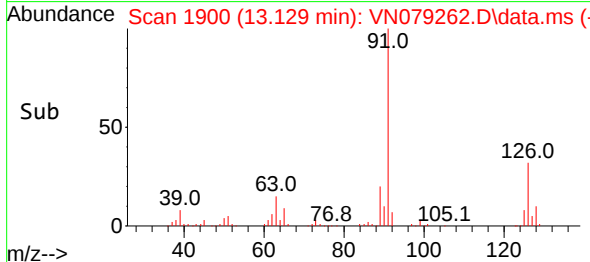
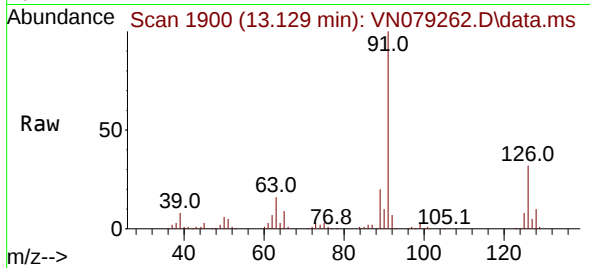
#79
2-Chlorotoluene
Concen: 44.714 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 350192
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

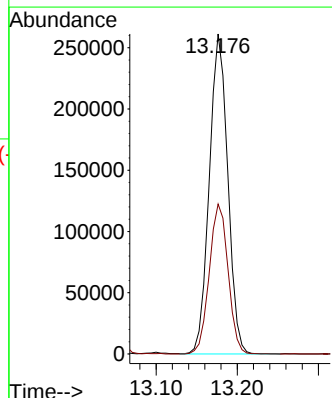
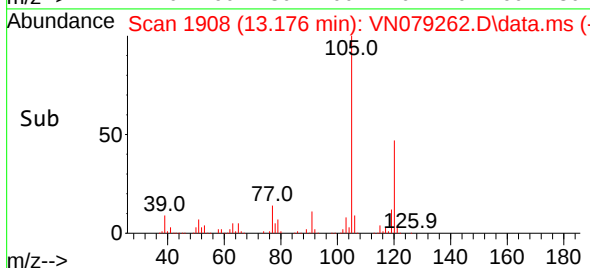
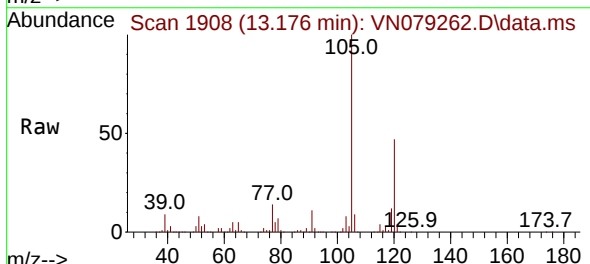
Manual Integrations
APPROVED

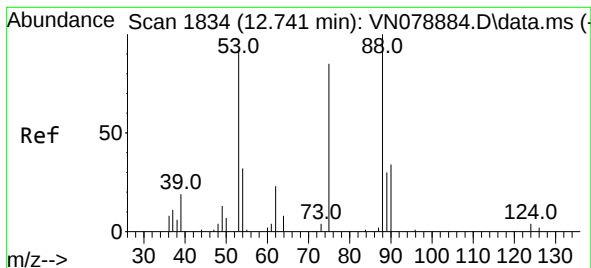
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.454 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

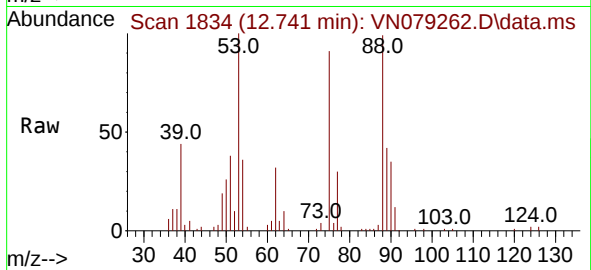
Tgt Ion:105 Resp: 412606
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.855 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

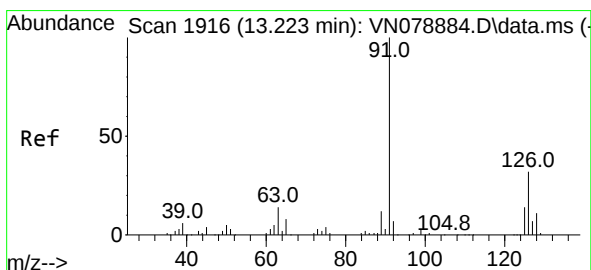
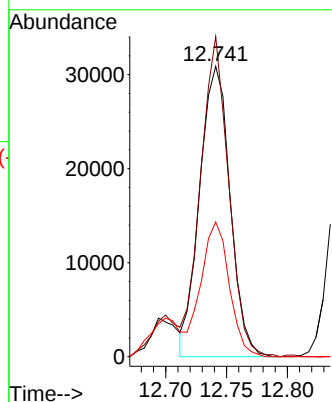
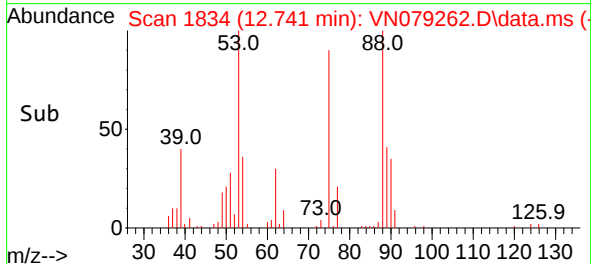
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



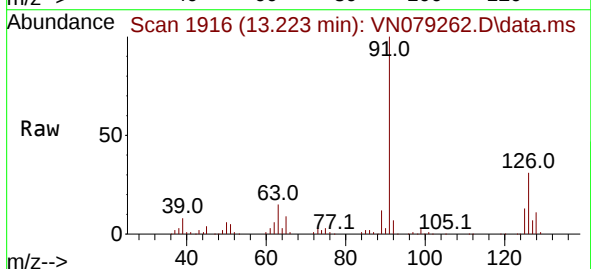
Tgt Ion: 75 Resp: 53810
Ion Ratio Lower Upper
75 100
53 101.8 67.4 101.2
89 42.3 38.8 58.2

Manual Integrations
APPROVED

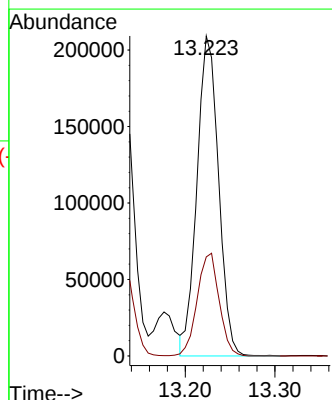
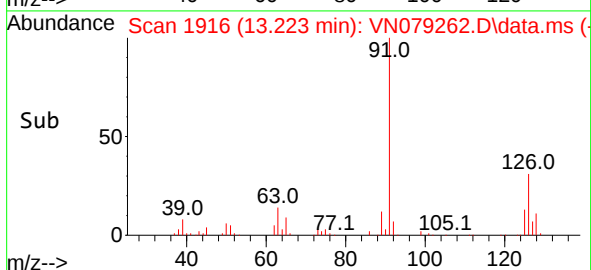
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

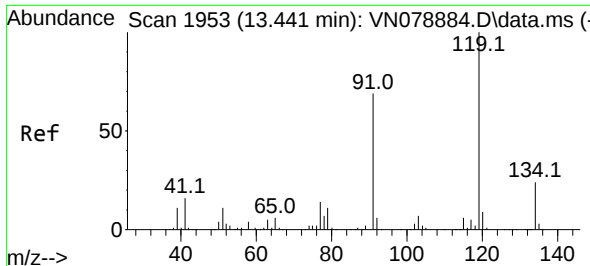


#82
4-Chlorotoluene
Concen: 47.449 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



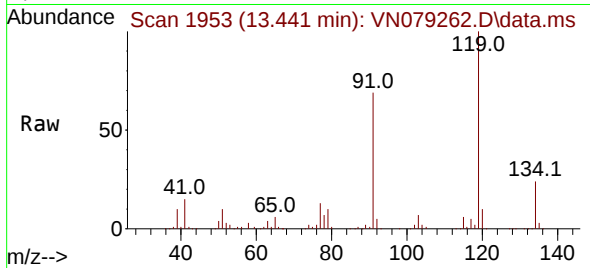
Tgt Ion: 91 Resp: 349182
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.257 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

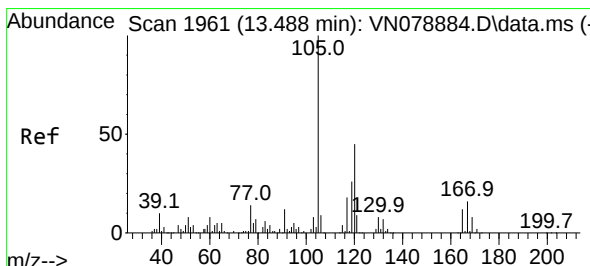
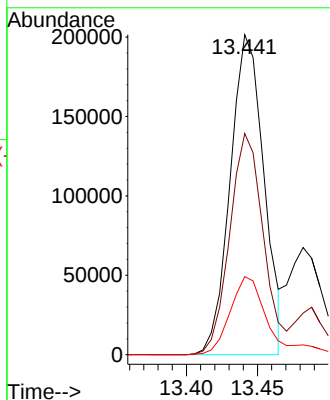
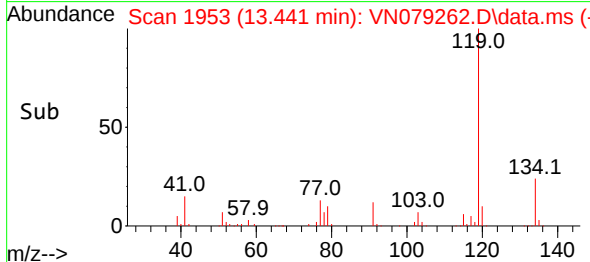
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



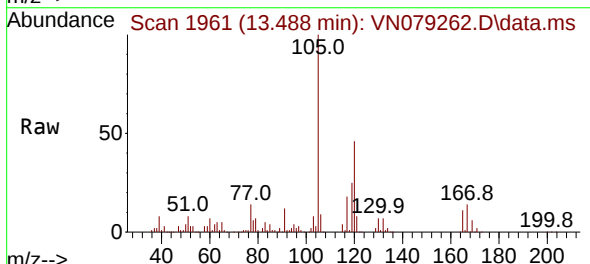
Tgt Ion:119 Resp: 33253
Ion Ratio Lower Upper
119 100
91 69.4 33.9 101.7
134 27.4 13.2 39.6

Manual Integrations
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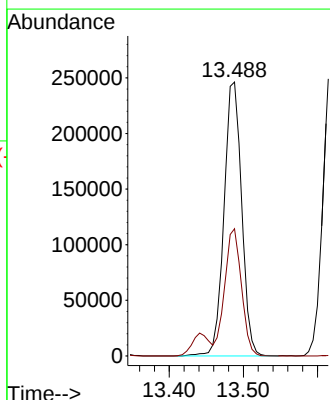
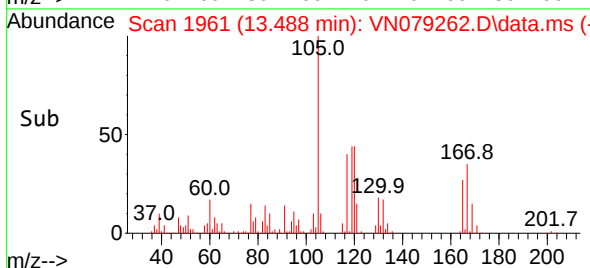
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

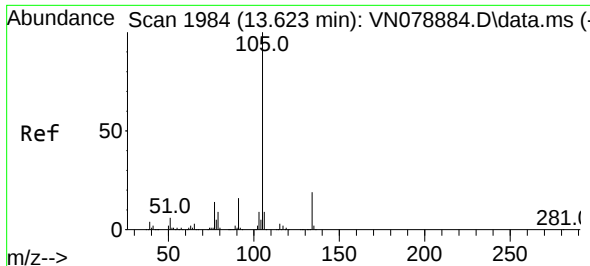


#84
1,2,4-Trimethylbenzene
Concen: 48.109 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



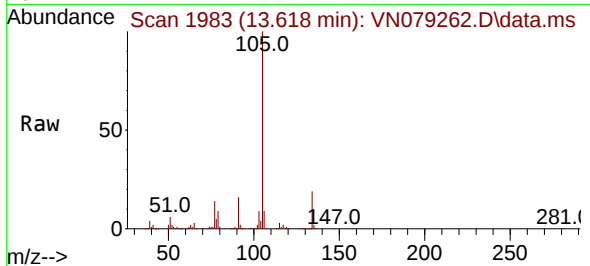
Tgt Ion:105 Resp: 406947
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.788 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

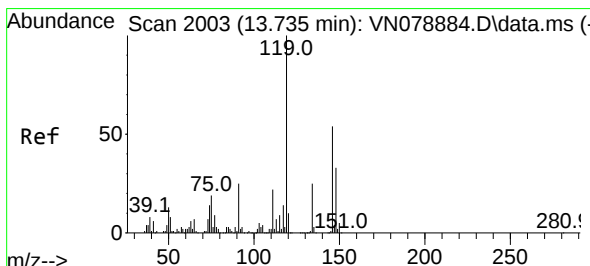
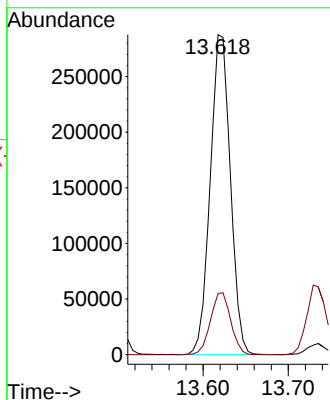
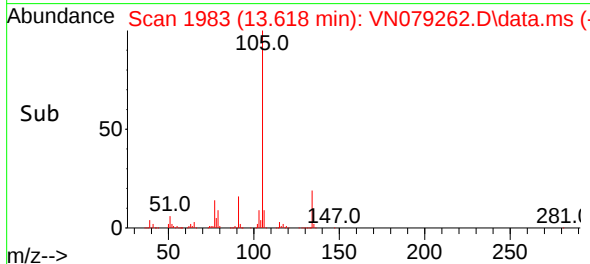
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 47329
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

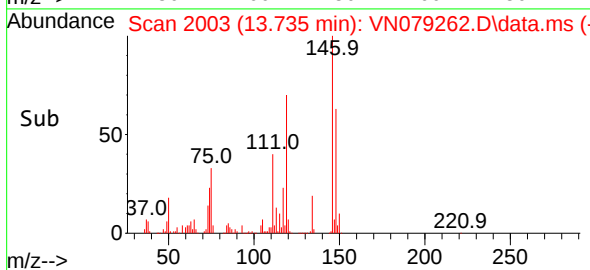
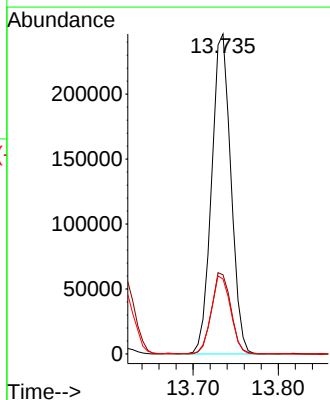
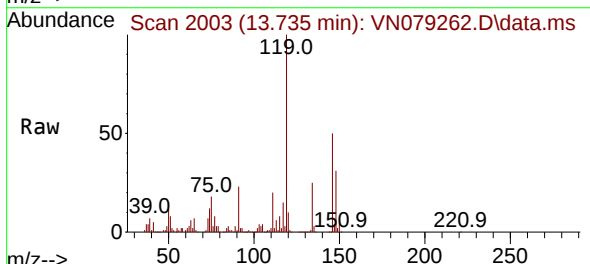
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#86
 p-Isopropyltoluene
 Concen: 47.960 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079262.D
 Acq: 15 Sep 2023 10:08

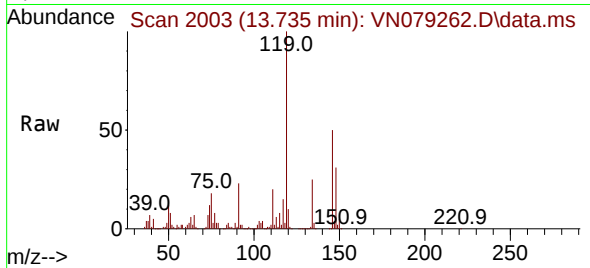
Tgt Ion:119 Resp: 387592
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.142 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

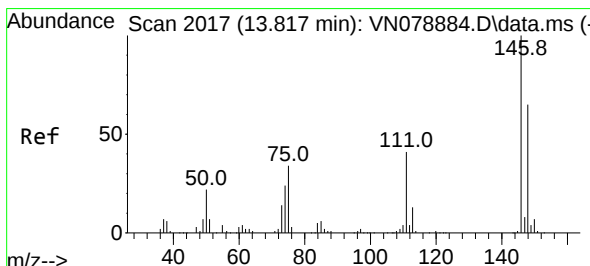
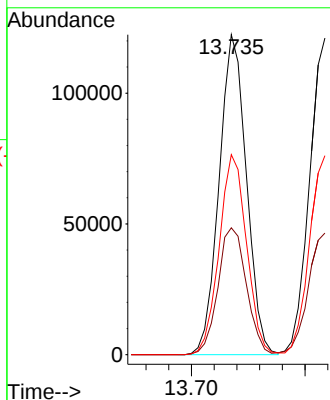
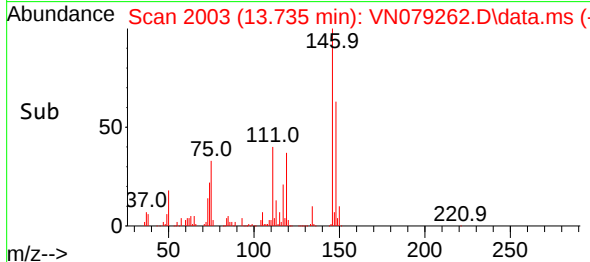
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



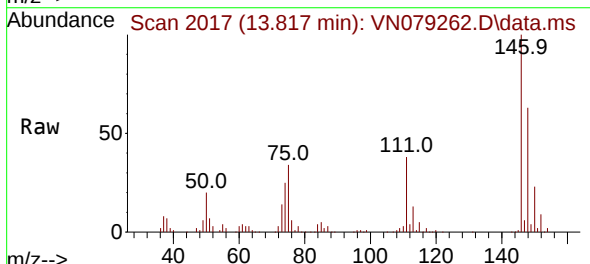
Tgt Ion:146 Resp: 204272
Ion Ratio Lower Upper
146 100
111 41.3 22.1 66.3
148 62.8 32.0 96.0

Manual Integrations
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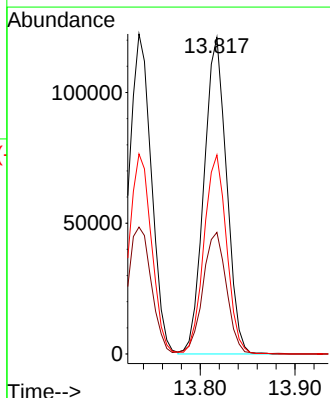
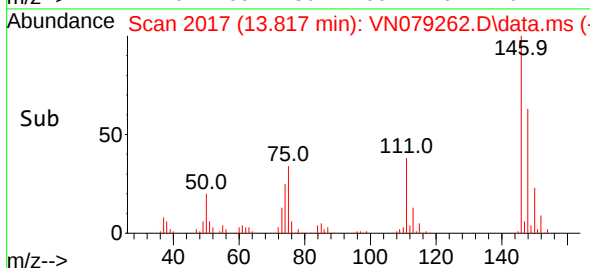
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

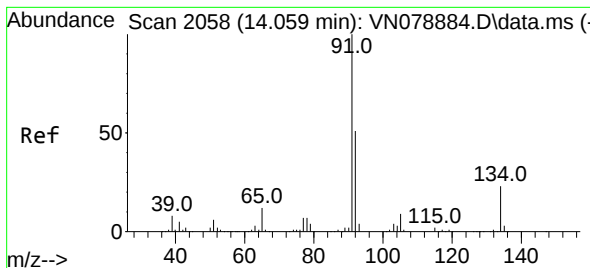


#88
1,4-Dichlorobenzene
Concen: 44.814 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion:146 Resp: 200475
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 63.2 31.6 94.8





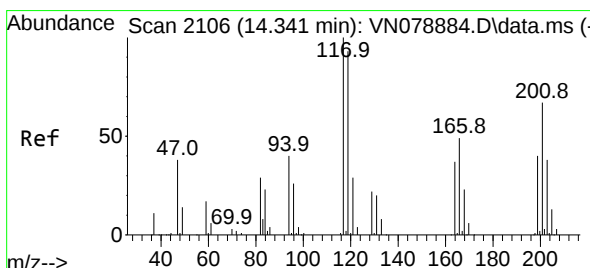
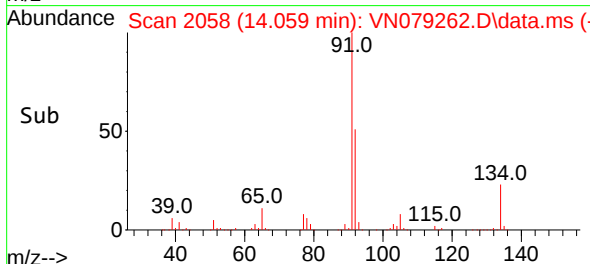
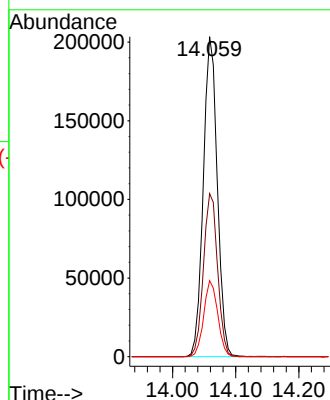
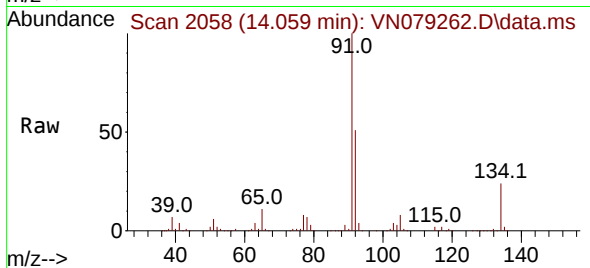
#89
n-Butylbenzene
Concen: 49.321 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31344
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 23.7 12.6 37.6

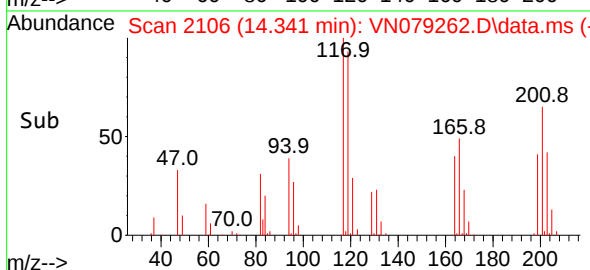
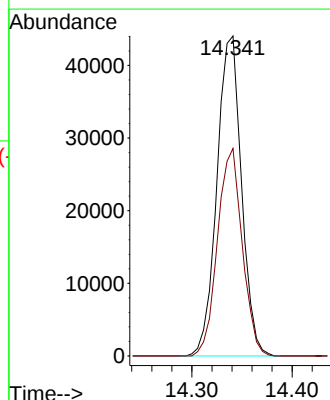
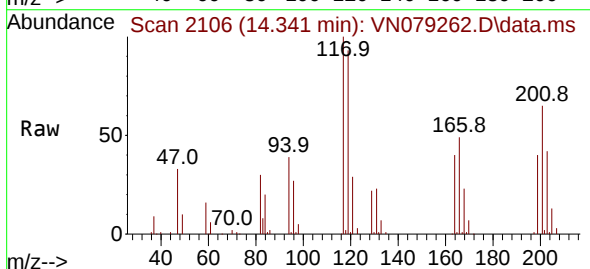
Manual Integrations
APPROVED

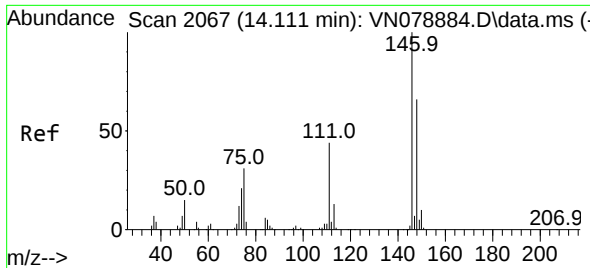
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#90
Hexachloroethane
Concen: 45.690 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion:117 Resp: 74986
Ion Ratio Lower Upper
117 100
201 65.1 29.3 88.0





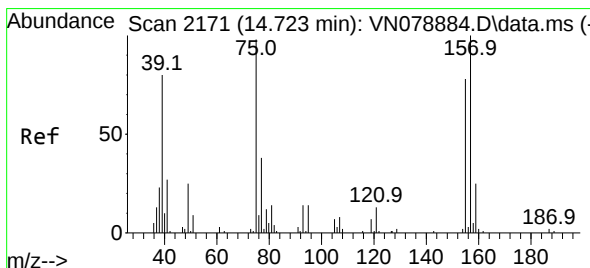
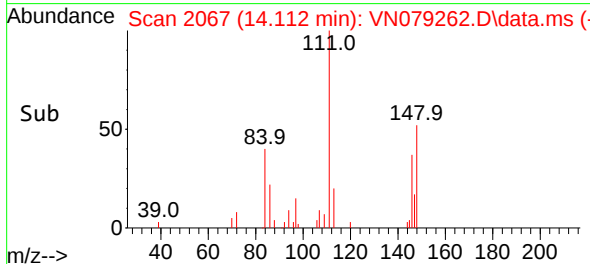
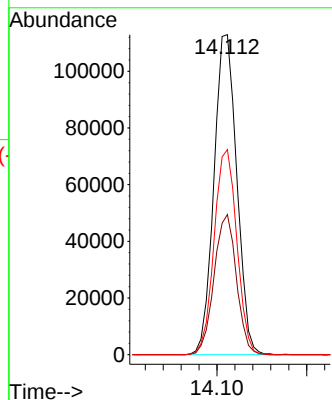
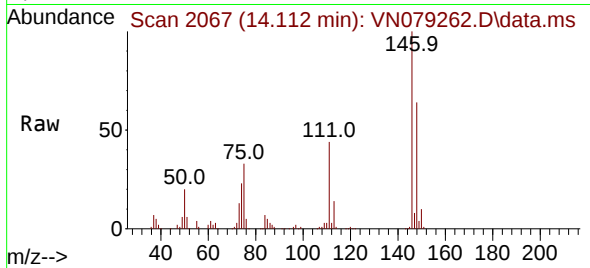
#91
1,2-Dichlorobenzene
Concen: 45.696 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 19970
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 63.6 31.8 95.3

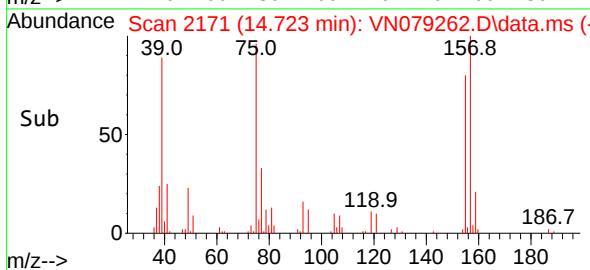
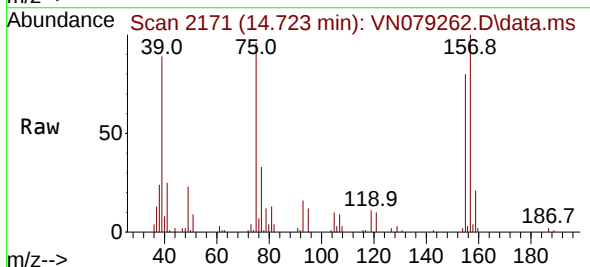
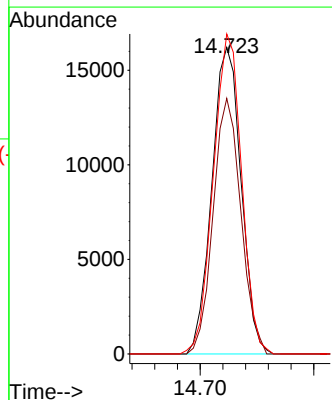
Manual Integrations
APPROVED

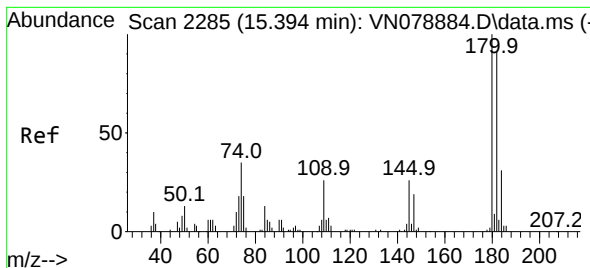
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.039 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

Tgt Ion: 75 Resp: 28987
Ion Ratio Lower Upper
75 100
155 79.1 39.1 117.2
157 100.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.422 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

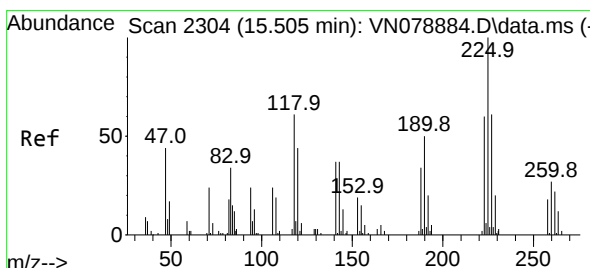
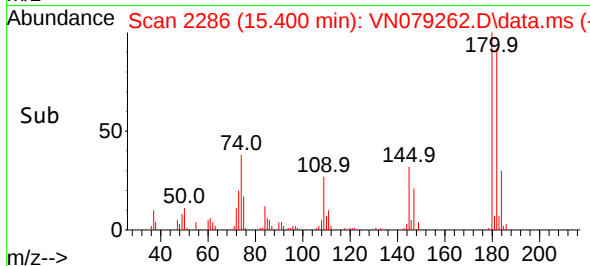
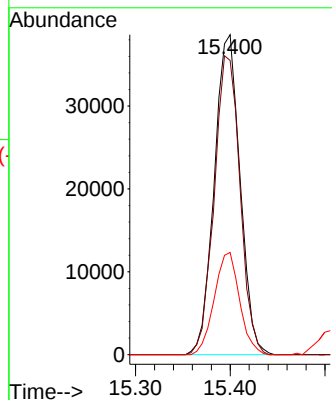
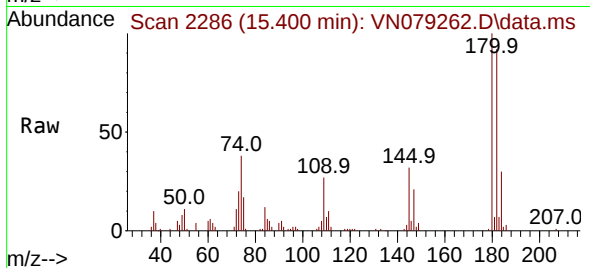
Tgt Ion:180	Resp:	72900
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.1 138.2
145	31.4	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#94

Hexachlorobutadiene

Concen: 34.551 ug/l

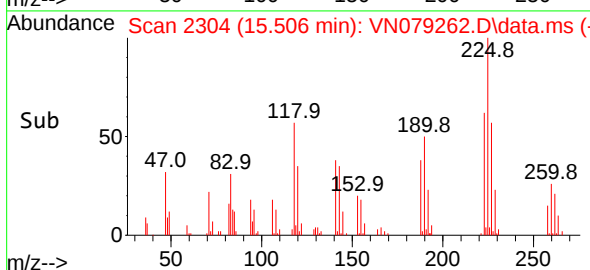
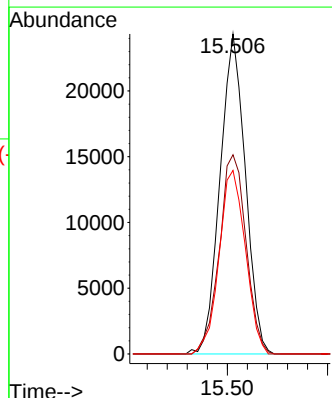
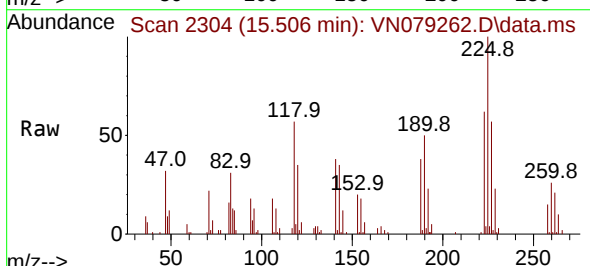
RT: 15.506 min Scan# 2304

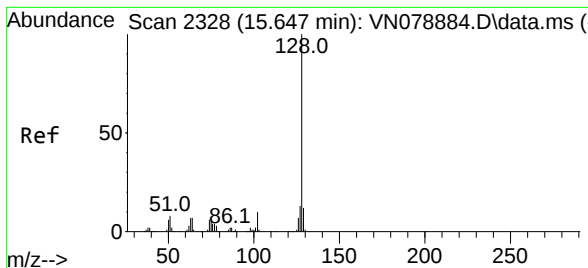
Delta R.T. -0.000 min

Lab File: VN079262.D

Acq: 15 Sep 2023 10:08

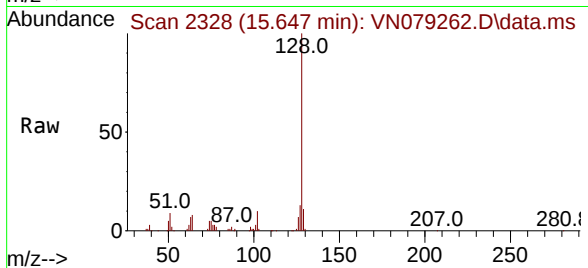
Tgt Ion:225	Resp:	42686
Ion Ratio	Lower	Upper
225	100	
223	65.8	31.3 93.8
227	59.5	31.9 95.9





#95
Naphthalene
Concen: 46.877 ug/l
RT: 15.647 min Scan# 218658
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08

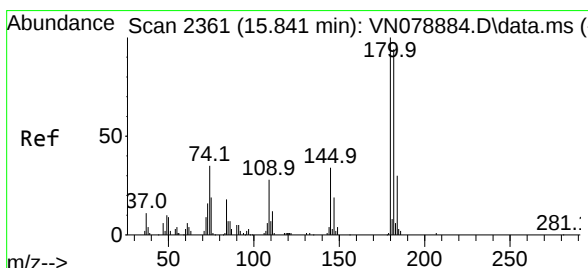
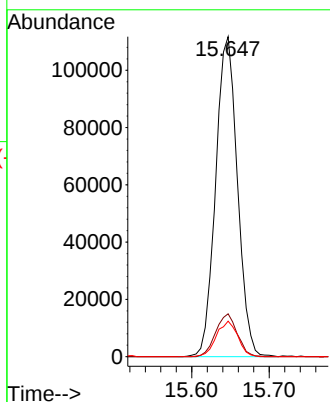
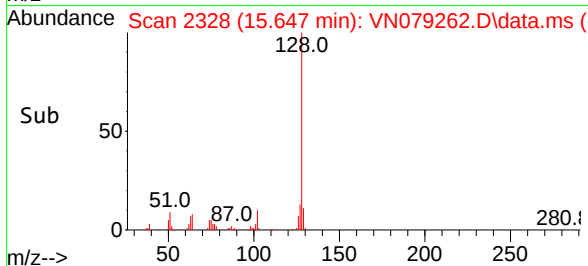
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



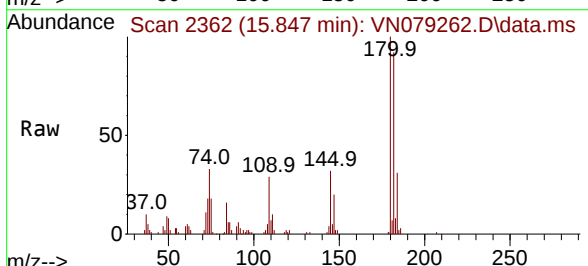
Tgt Ion:128 Resp: 218658
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.669 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079262.D
Acq: 15 Sep 2023 10:08



Tgt Ion:180 Resp: 79047
Ion Ratio Lower Upper
180 100
182 92.8 46.2 138.6
145 33.3 17.5 52.6

