

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078395.D
 Acq On : 24 Jun 2023 15:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 26 01:50:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	370810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	672620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	589506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	296856	60.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.080%			
35) Dibromofluoromethane	8.177	113	255879	60.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.340%			
50) Toluene-d8	10.571	98	935799	57.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.160%#			
62) 4-Bromofluorobenzene	12.853	95	297730	58.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	196713	46.930	ug/l	98
3) Chloromethane	2.371	50	261919	67.042	ug/l	99
4) Vinyl Chloride	2.518	62	342403	62.383	ug/l	97
5) Bromomethane	2.948	94	229187	55.252	ug/l	98
6) Chloroethane	3.118	64	263045	70.302	ug/l	96
7) Trichlorofluoromethane	3.500	101	561896	75.492	ug/l	98
8) Diethyl Ether	3.971	74	173528	66.352	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	218534	55.633	ug/l	97
10) Methyl Iodide	4.600	142	305131	54.928	ug/l	98
11) Tert butyl alcohol	5.536	59	192907	282.578	ug/l	100
12) 1,1-Dichloroethene	4.347	96	219721	54.262	ug/l	92
13) Acrolein	4.189	56	275382	366.010	ug/l	98
14) Allyl chloride	5.030	41	315234	63.775	ug/l	96
15) Acrylonitrile	5.730	53	534102	303.463	ug/l	99
16) Acetone	4.442	43	409098	287.475	ug/l	96
17) Carbon Disulfide	4.724	76	578509	55.506	ug/l	99
18) Methyl Acetate	5.036	43	378577	57.782	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	742377	57.462	ug/l	98
20) Methylene Chloride	5.289	84	259683	55.221	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	246486	56.438	ug/l	86
22) Diisopropyl ether	6.683	45	704647	60.605	ug/l	95
23) Vinyl Acetate	6.618	43	2126491	307.673	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	453556	59.134	ug/l	99
25) 2-Butanone	7.488	43	668185	305.333	ug/l	88
26) 2,2-Dichloropropane	7.500	77	368951	65.147	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	289372	55.547	ug/l	93
28) Bromochloromethane	7.824	49	177005	50.262	ug/l	89
29) Tetrahydrofuran	7.847	42	445770	304.707	ug/l	85
30) Chloroform	7.977	83	491380	59.495	ug/l	98
31) Cyclohexane	8.265	56	348179	54.900	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	433869	59.836	ug/l	96
36) 1,1-Dichloropropene	8.377	75	358236	58.725	ug/l	97
37) Ethyl Acetate	7.571	43	286568	60.134	ug/l	94
38) Carbon Tetrachloride	8.371	117	383529	59.542	ug/l	98
39) Methylcyclohexane	9.606	83	316384	50.046	ug/l	92
40) Benzene	8.612	78	1081644	59.392	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	151142	58.513	ug/l	92
42) 1,2-Dichloroethane	8.677	62	365562	58.543	ug/l	97
43) Isopropyl Acetate	8.694	43	536903	58.911	ug/l	92
44) Trichloroethene	9.359	130	272375	56.632	ug/l	99
45) 1,2-Dichloropropane	9.630	63	271469	59.912	ug/l	99
46) Dibromomethane	9.712	93	196949	59.011	ug/l	96
47) Bromodichloromethane	9.894	83	385644	62.206	ug/l	96
48) Methyl methacrylate	9.688	41	226439	59.205	ug/l	90
49) 1,4-Dioxane	9.700	88	94406	1174.402	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1478077	307.980	ug/l	93
52) Toluene	10.635	92	678219	58.983	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	397908	61.630	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	438069	61.380	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	260569	59.904	ug/l	95
56) Ethyl methacrylate	10.882	69	392444	61.962	ug/l	93
57) 1,3-Dichloropropane	11.171	76	448965	61.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	743648	290.650	ug/l	92
59) 2-Hexanone	11.200	43	1040047	311.235	ug/l	93
60) Dibromochloromethane	11.365	129	290275	60.985	ug/l	100
61) 1,2-Dibromoethane	11.476	107	269420	59.022	ug/l	100
64) Tetrachloroethene	11.112	164	213177	54.205	ug/l	96
65) Chlorobenzene	11.900	112	712697	56.453	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	275739	59.384	ug/l	99
67) Ethyl Benzene	11.971	91	1261068	57.891	ug/l	100
68) m/p-Xylenes	12.076	106	959225	115.545	ug/l	97
69) o-Xylene	12.406	106	475795	58.362	ug/l	97
70) Styrene	12.418	104	767615	59.809	ug/l	97
71) Bromoform	12.582	173	187901	62.706	ug/l #	100
73) Isopropylbenzene	12.700	105	1146996	51.901	ug/l	99
74) N-amyl acetate	12.500	43	404129	55.531	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	367545	61.007	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	330120m	59.752	ug/l	
77) Bromobenzene	12.988	156	272045	53.028	ug/l	98
78) n-propylbenzene	13.041	91	1261473	52.538	ug/l	100
79) 2-Chlorotoluene	13.129	91	815800	52.636	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	919185	51.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	107917	60.012	ug/l	93
82) 4-Chlorotoluene	13.229	91	779841	53.912	ug/l	99
83) tert-Butylbenzene	13.441	119	763312	49.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	926026	53.383	ug/l	100
85) sec-Butylbenzene	13.623	105	944838	46.414	ug/l	99
86) p-Isopropyltoluene	13.735	119	782900	47.392	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	442528	50.996	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	435123	51.964	ug/l	100
89) n-Butylbenzene	14.059	91	587742	45.107	ug/l	98
90) Hexachloroethane	14.341	117	173334	59.125	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	436355	51.451	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58125	53.099	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	135326	44.784	ug/l	98
94) Hexachlorobutadiene	15.506	225	71005	47.822	ug/l	99
95) Naphthalene	15.647	128	439259	43.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	146484	43.344	ug/l	97

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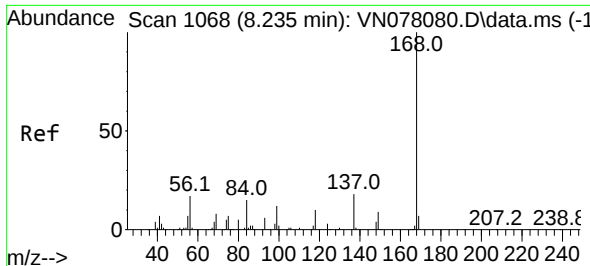
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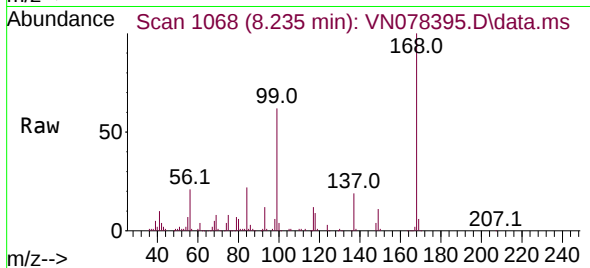
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078395.D
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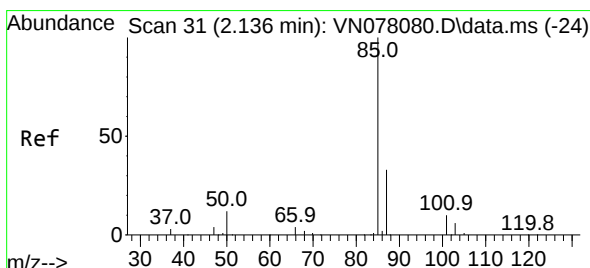
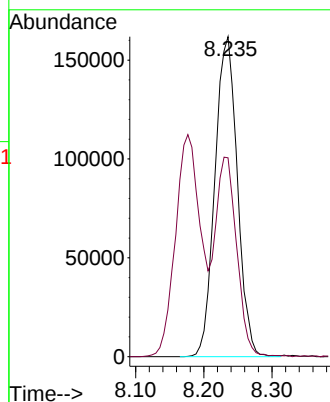
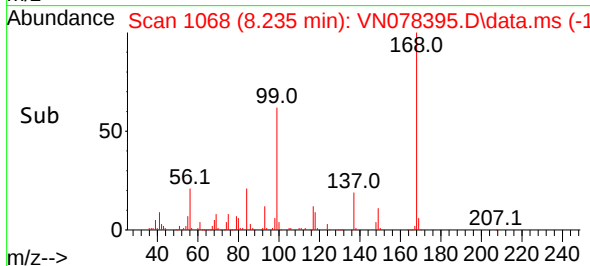
Instrument :
MSVOA_N
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VSTDCCC050EC



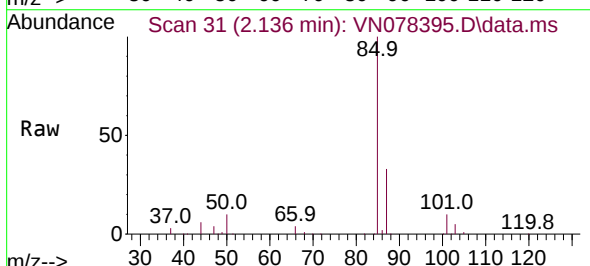
Tgt Ion:168 Resp: 370810
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6

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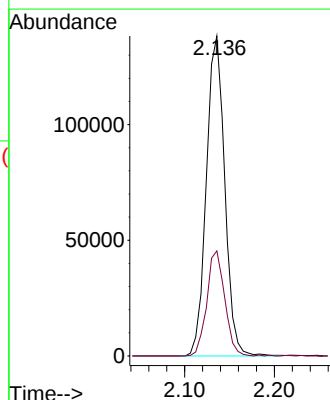
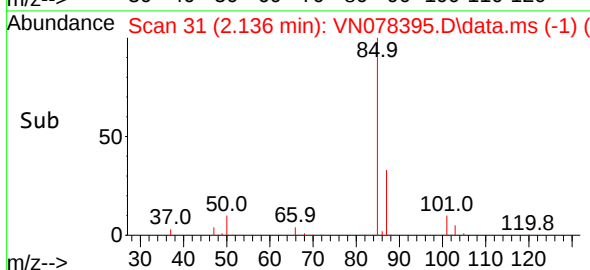
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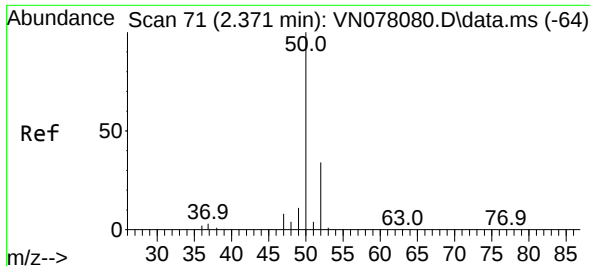


#2
Dichlorodifluoromethane
Concen: 46.930 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



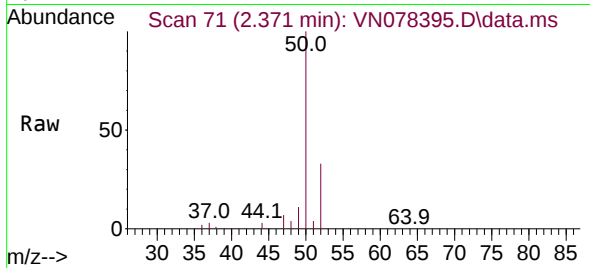
Tgt Ion: 85 Resp: 196713
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 67.042 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

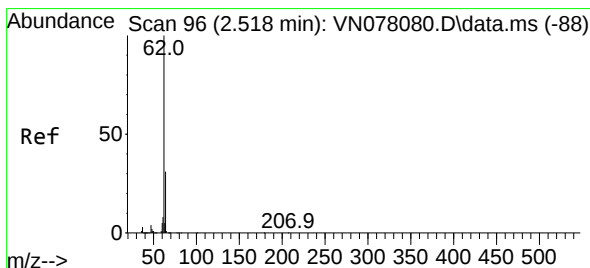
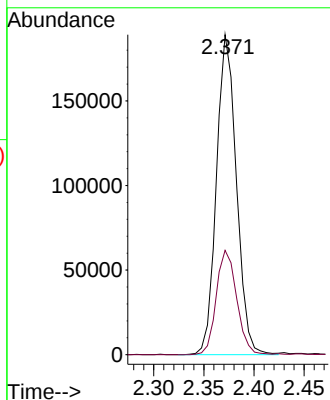
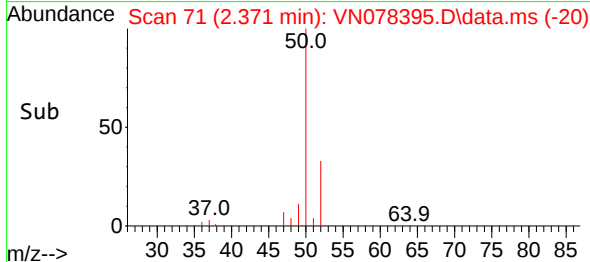
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Tgt Ion: 50 Resp: 261919
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

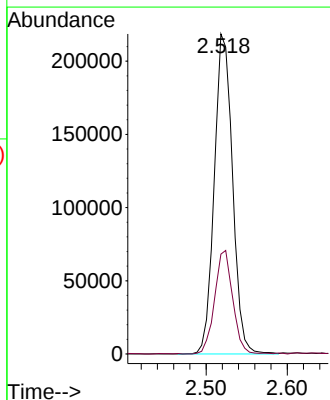
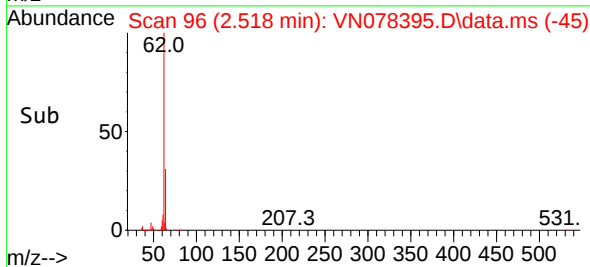
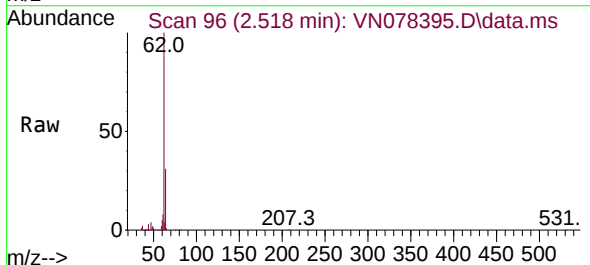
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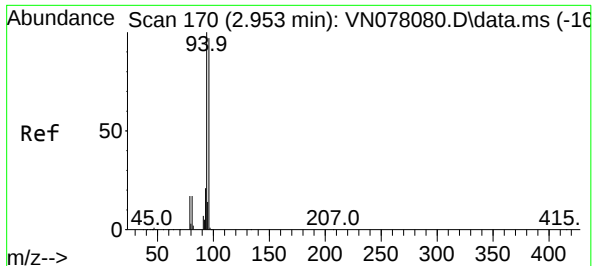
Reviewed By :John Carlone 06/26/2023
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#4
Vinyl Chloride
Concen: 62.383 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

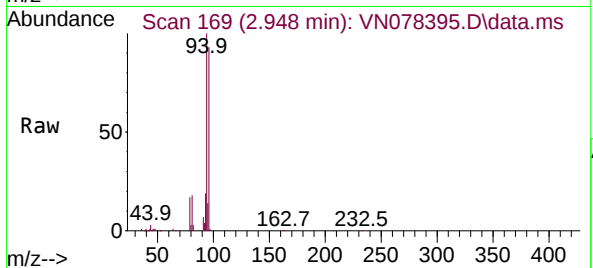
Tgt Ion: 62 Resp: 342403
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





#5
Bromomethane
Concen: 55.252 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078395.D
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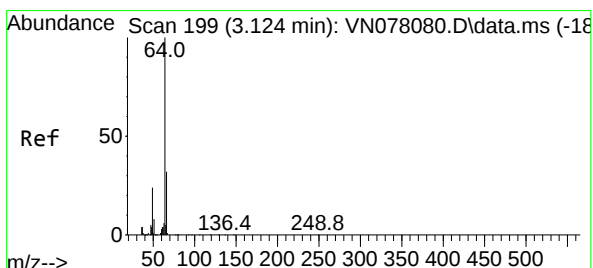
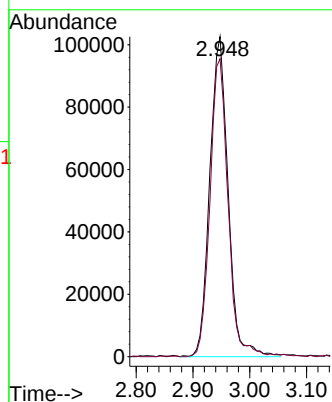
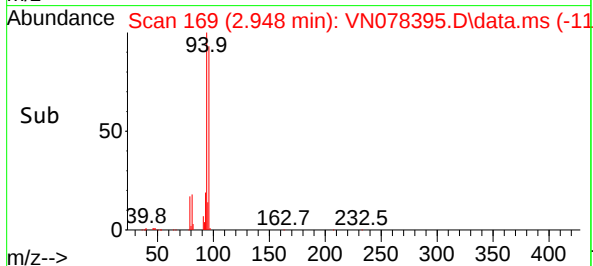
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Tgt Ion: 94 Resp: 22918
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7

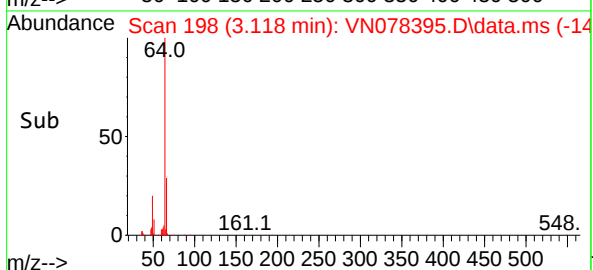
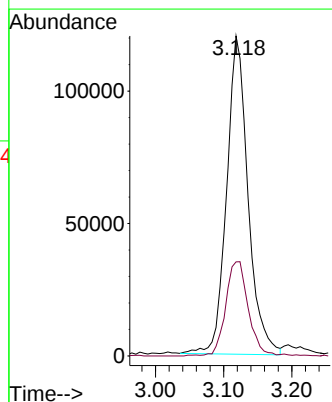
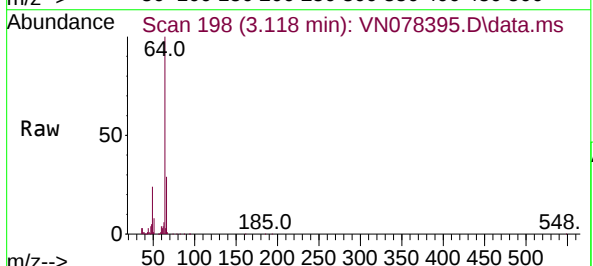
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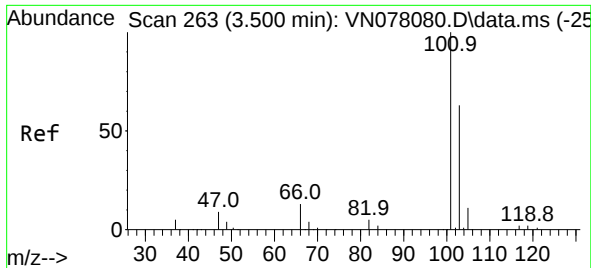
Reviewed By :John Carlone 06/26/2023
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#6
Chloroethane
Concen: 70.302 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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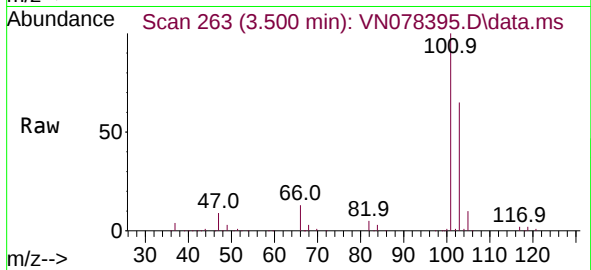
Tgt Ion: 64 Resp: 263045
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 75.492 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

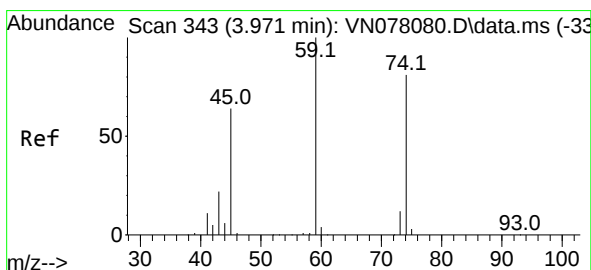
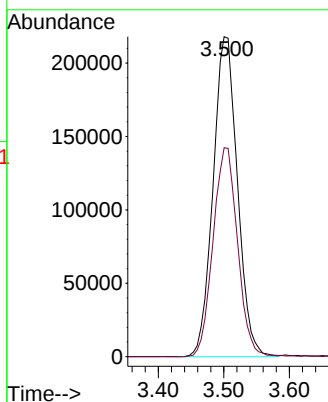
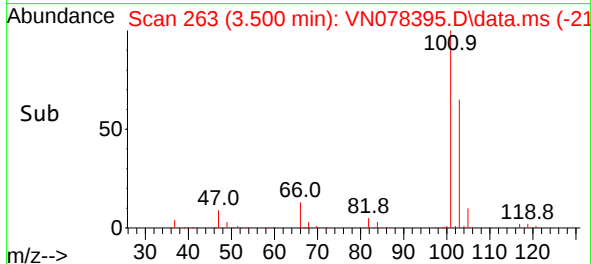
Instrument :
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VSTDCCC050EC



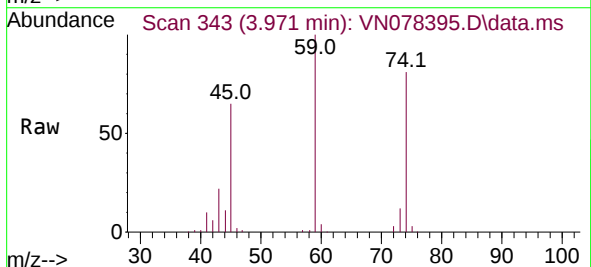
Tgt Ion:101 Resp: 561890
Ion Ratio Lower Upper
101 100
103 65.3 50.7 76.1

Manual Integrations
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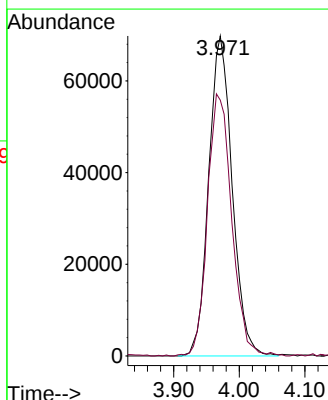
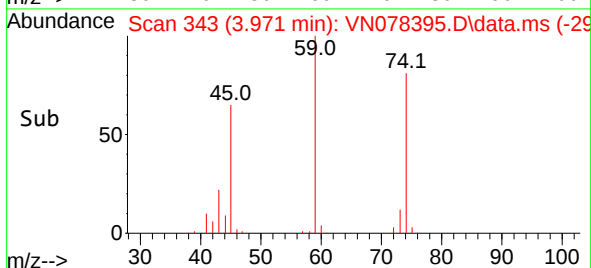
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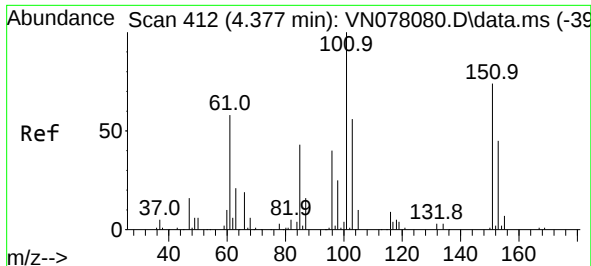


#8
Diethyl Ether
Concen: 66.352 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078395.D
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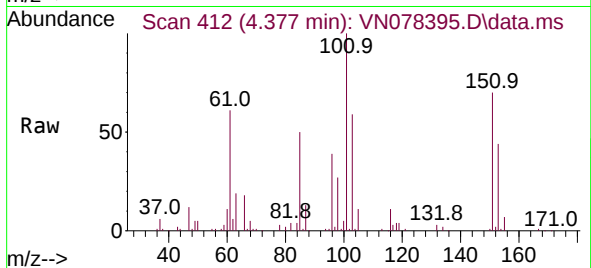
Tgt Ion: 74 Resp: 173528
Ion Ratio Lower Upper
74 100
45 84.6 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.633 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078395.D
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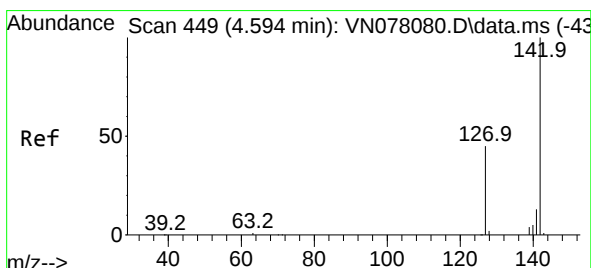
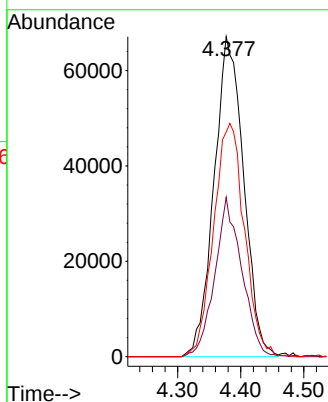
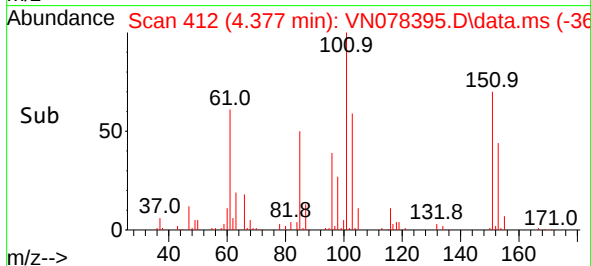
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



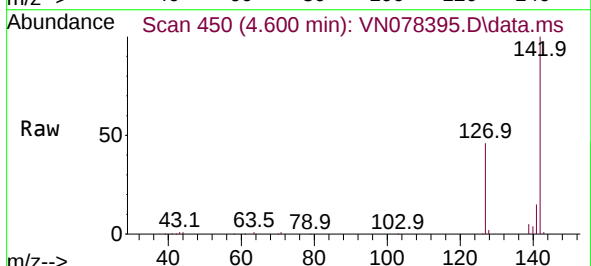
Tgt Ion:101 Resp: 218534
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 75.7 57.6 86.4

Manual Integrations
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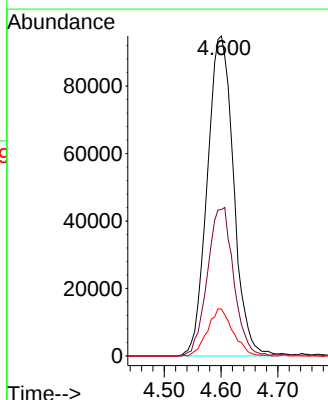
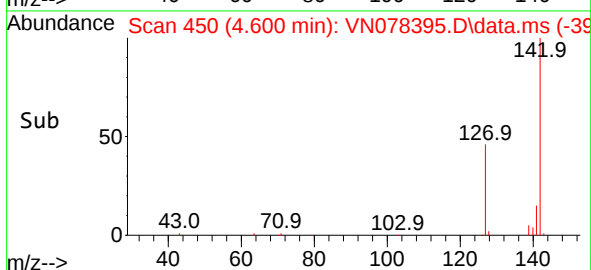
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

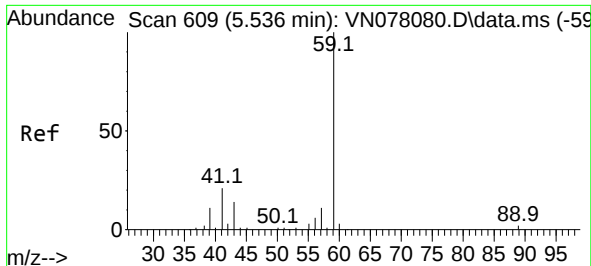


#10
Methyl Iodide
Concen: 54.928 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



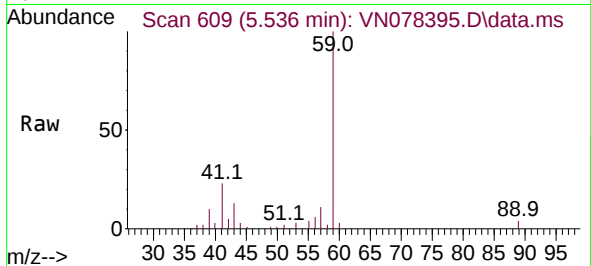
Tgt Ion:142 Resp: 305131
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 282.578 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

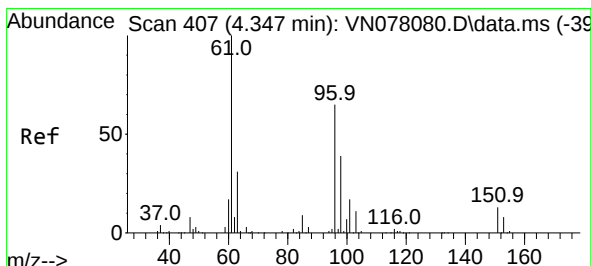
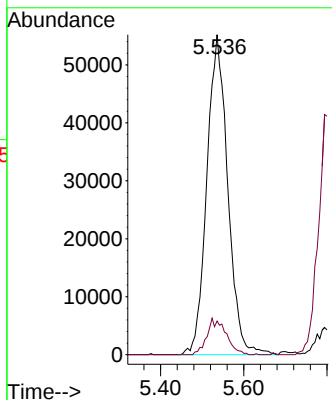
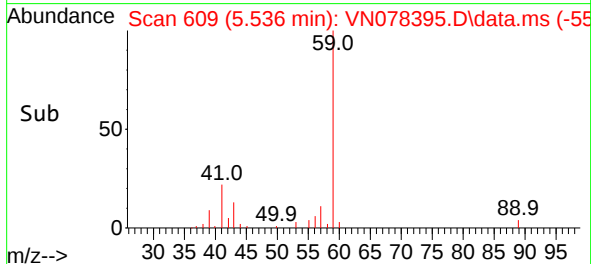
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 192907
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

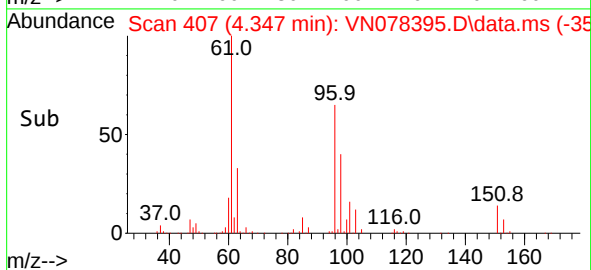
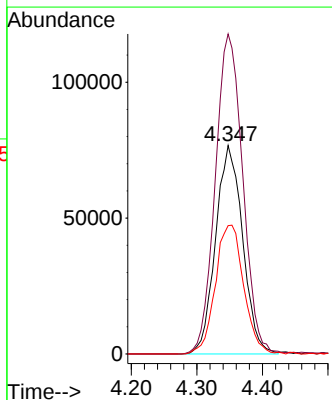
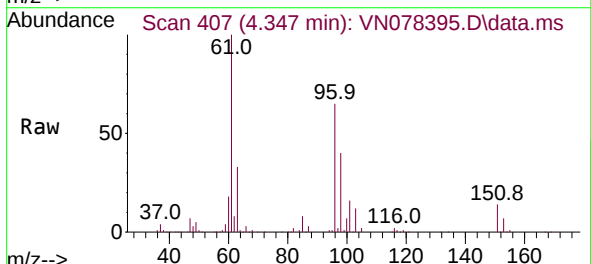
Manual Integrations
APPROVED

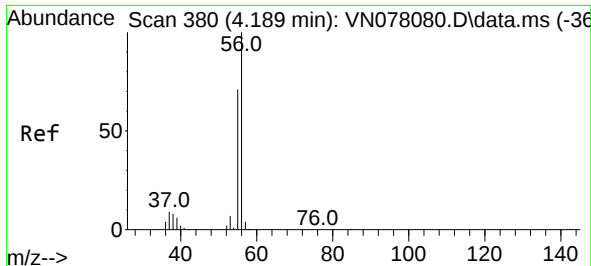
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
1,1-Dichloroethene
Concen: 54.262 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

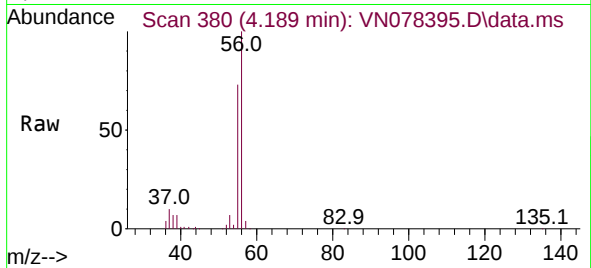
Tgt Ion: 96 Resp: 219721
Ion Ratio Lower Upper
96 100
61 153.5 112.7 169.1
98 61.6 51.2 76.8





#13
Acrolein
Concen: 366.010 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

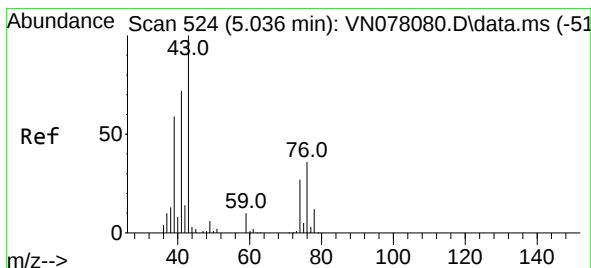
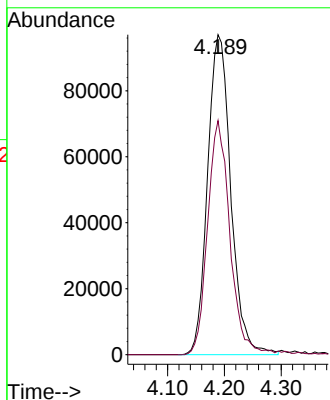
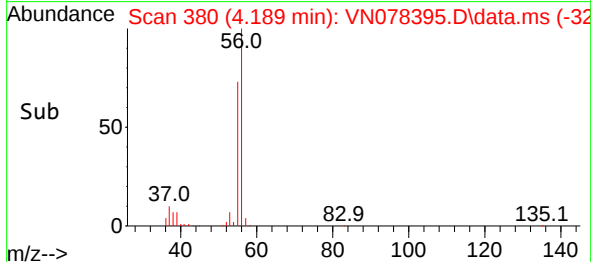
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27538
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

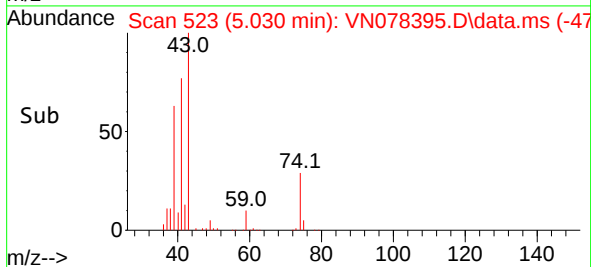
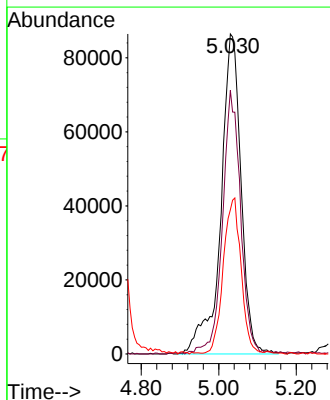
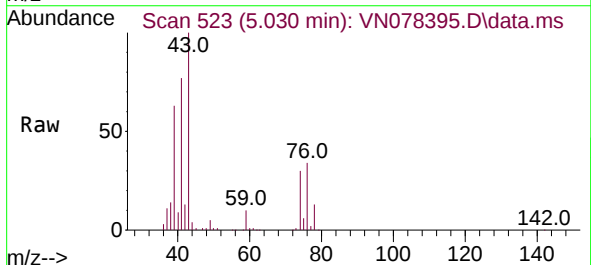
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Allyl chloride
Concen: 63.775 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

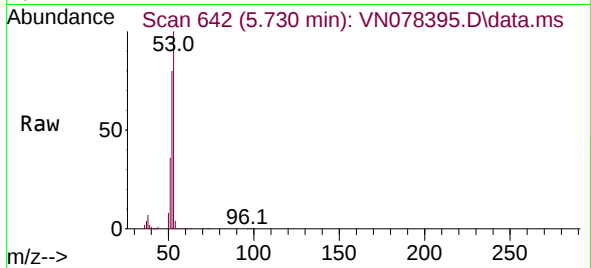
Tgt Ion: 41 Resp: 315234
Ion Ratio Lower Upper
41 100
39 73.4 58.8 88.2
76 42.1 39.1 58.7





#15
Acrylonitrile
Concen: 303.463 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

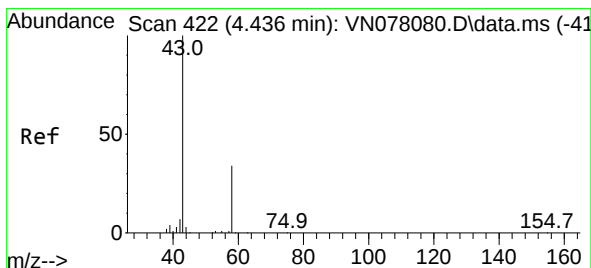
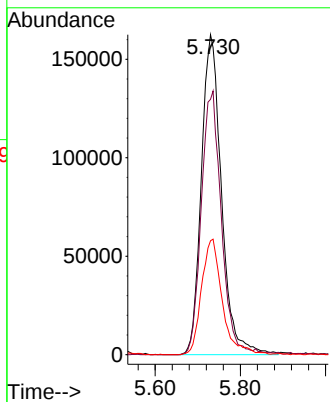
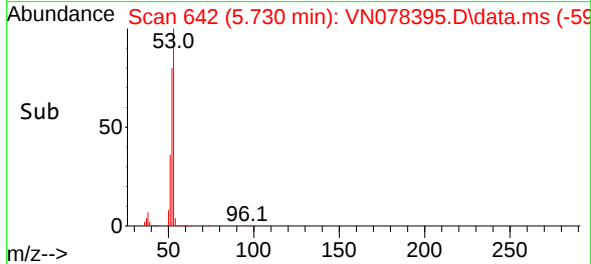
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 534102
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.1 28.9 43.3

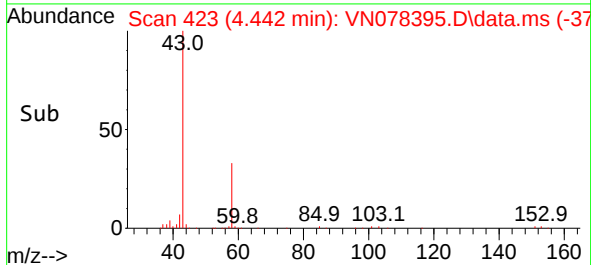
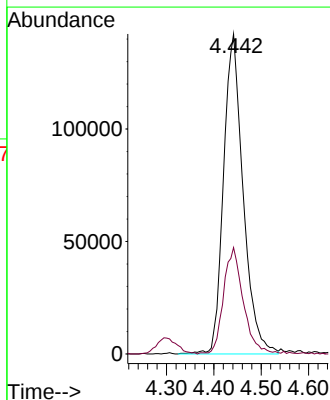
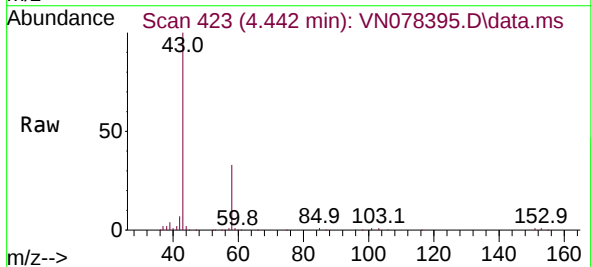
Manual Integrations
APPROVED

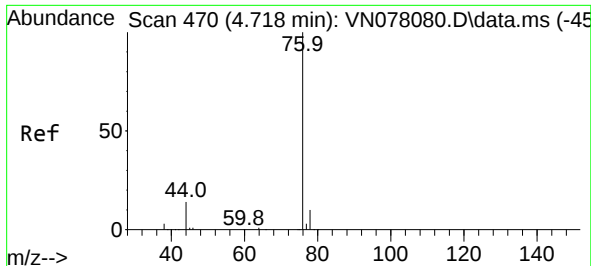
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Acetone
Concen: 287.475 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion: 43 Resp: 409098
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





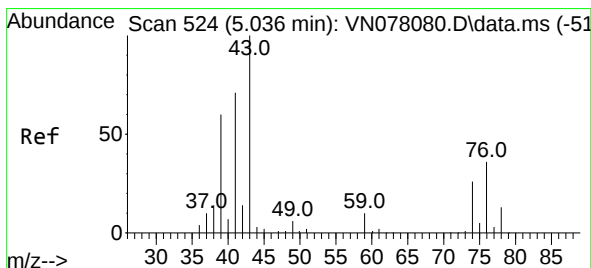
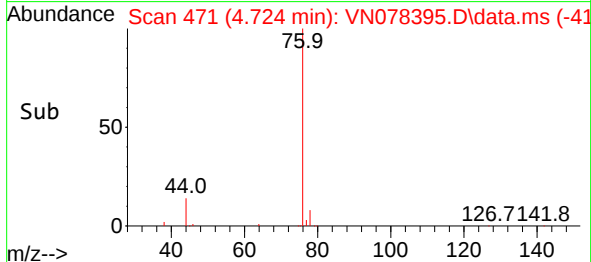
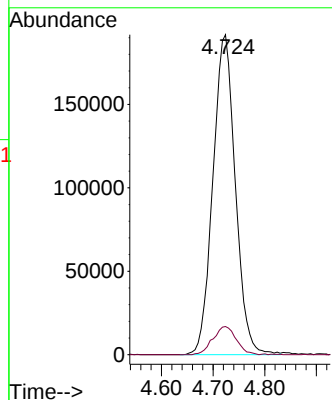
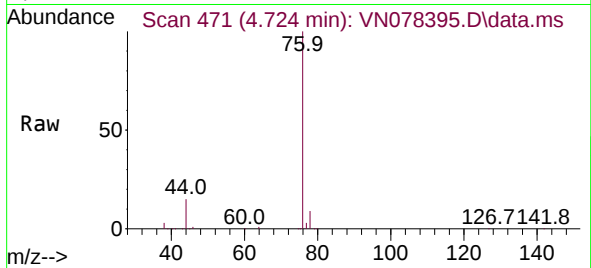
#17
Carbon Disulfide
Concen: 55.506 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 578509
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

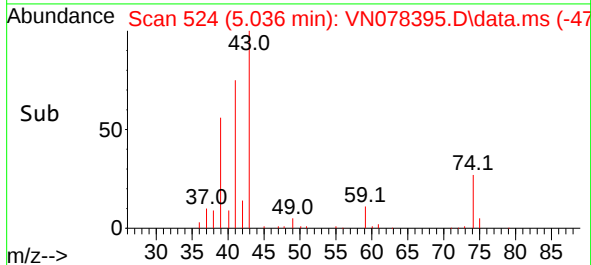
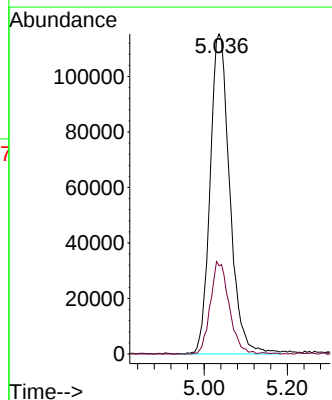
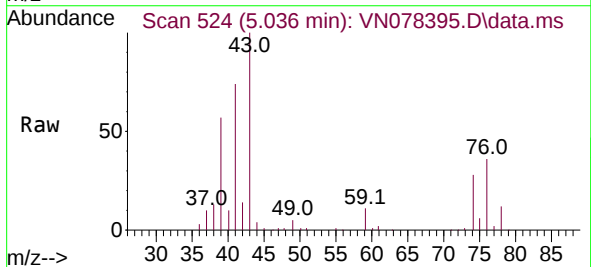
Manual Integrations
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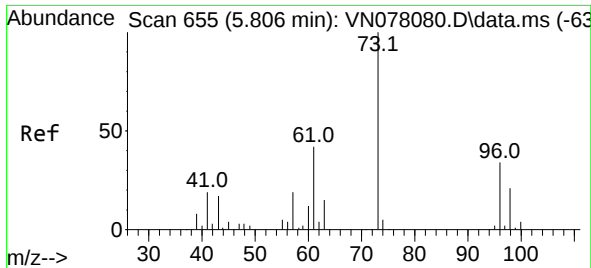
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#18
Methyl Acetate
Concen: 57.782 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion: 43 Resp: 378577
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





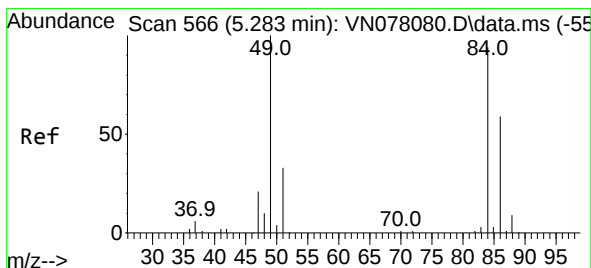
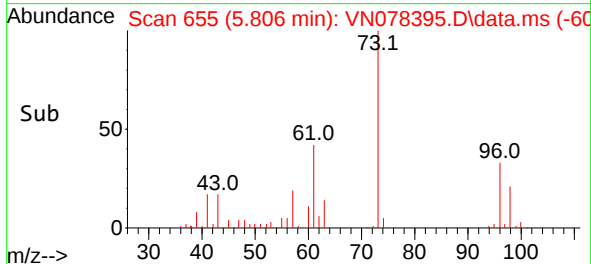
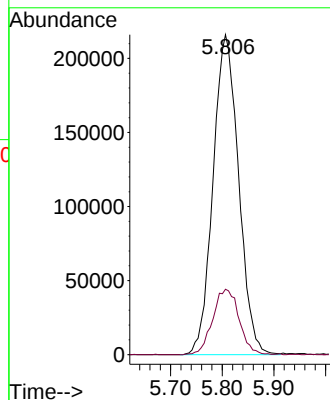
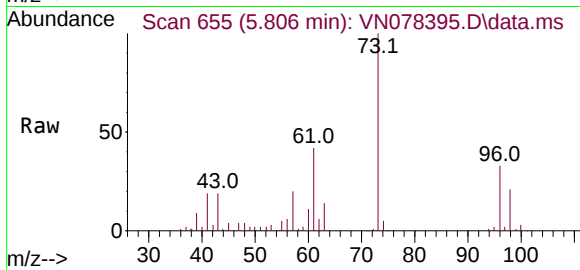
#19
Methyl tert-butyl Ether
Concen: 57.462 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 74237
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

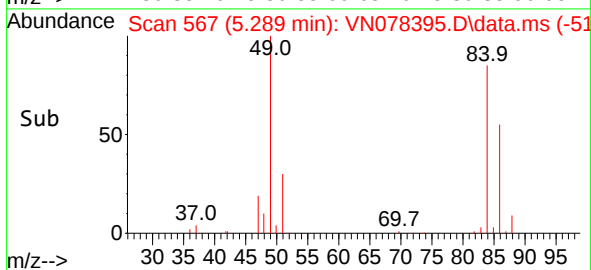
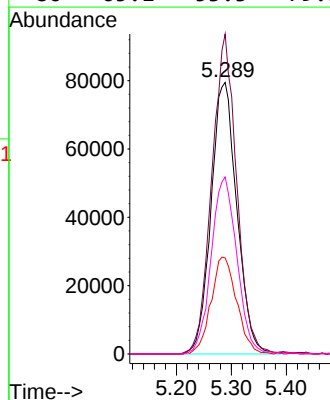
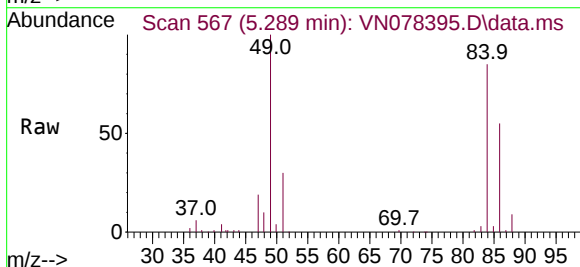
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Methylene Chloride
Concen: 55.221 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

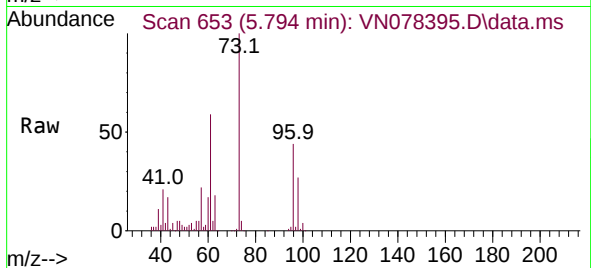
Tgt Ion: 84 Resp: 259683
Ion Ratio Lower Upper
84 100
49 117.8 79.7 119.5
51 35.3 25.2 37.8
86 65.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 56.438 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

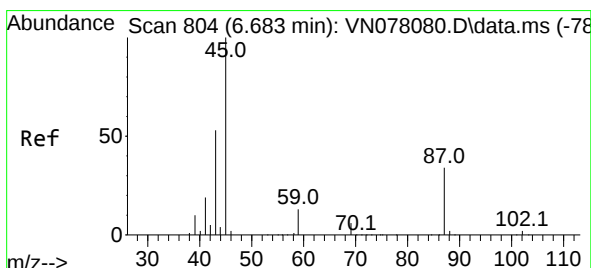
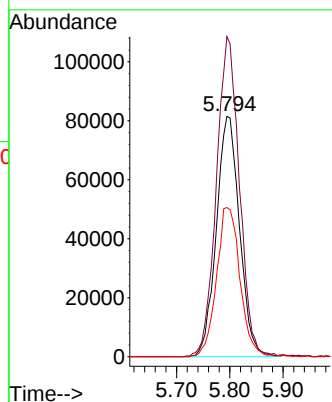
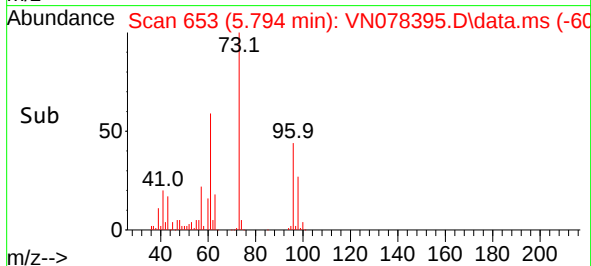
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 246480
Ion Ratio Lower Upper
96 100
61 133.1 90.1 135.1
98 62.0 46.4 69.6

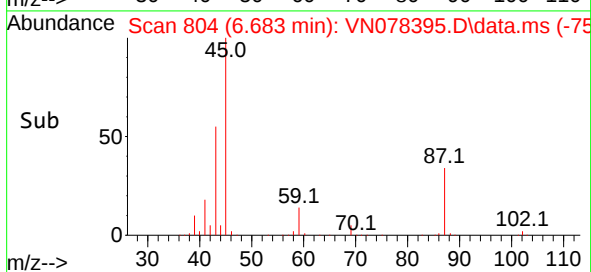
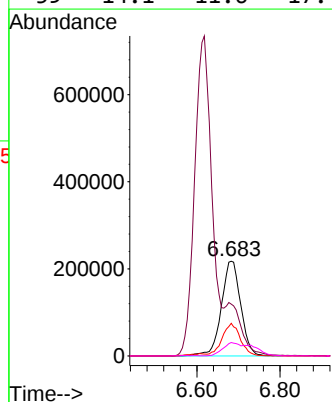
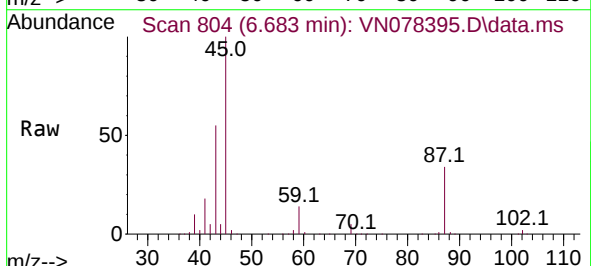
Manual Integrations
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Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
Diisopropyl ether
Concen: 60.605 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion: 45 Resp: 704647
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 34.4 31.8 47.8
59 14.1 11.6 17.4





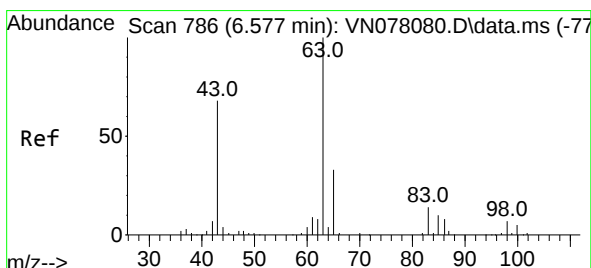
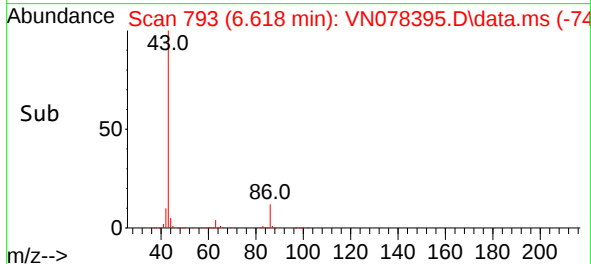
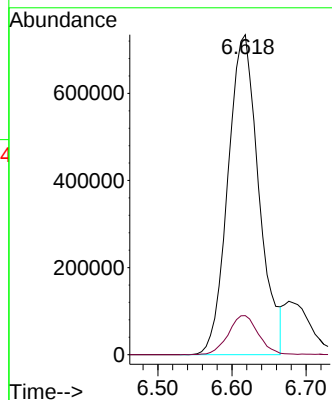
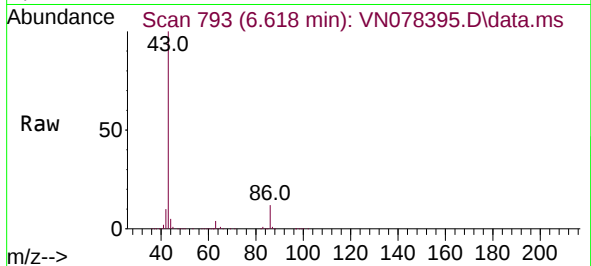
#23
 Vinyl Acetate
 Concen: 307.673 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 212649
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

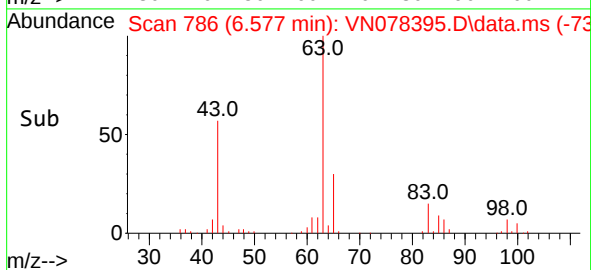
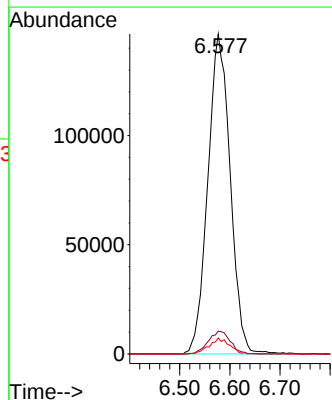
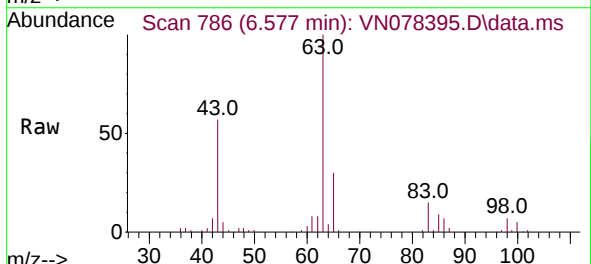
Manual Integrations
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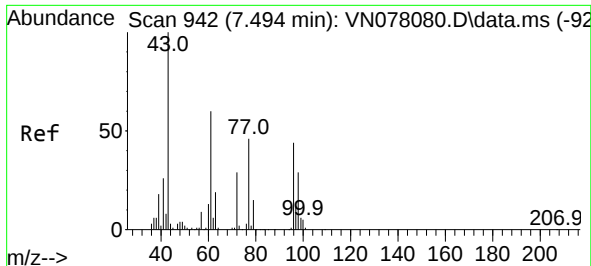
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#24
 1,1-Dichloroethane
 Concen: 59.134 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25

Tgt Ion: 63 Resp: 453556
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 5.0 2.5 7.4





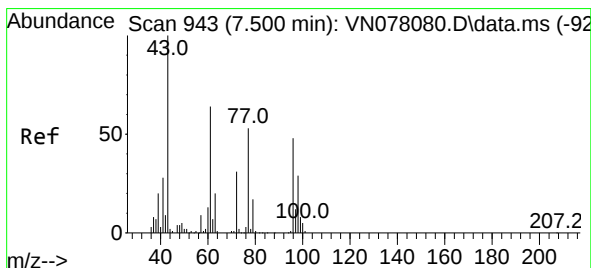
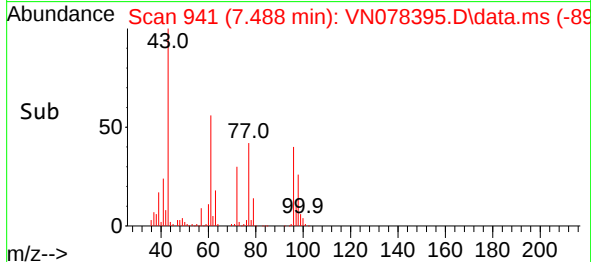
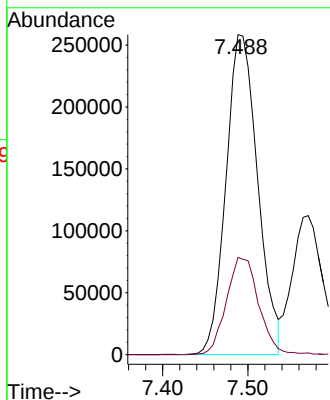
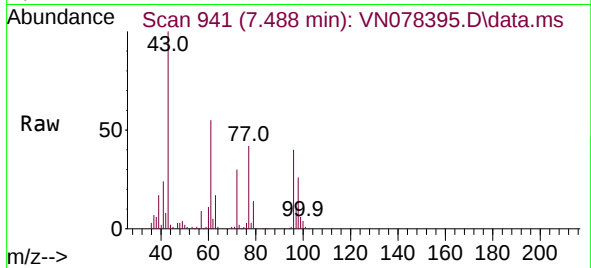
#25
2-Butanone
Concen: 305.333 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66818
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

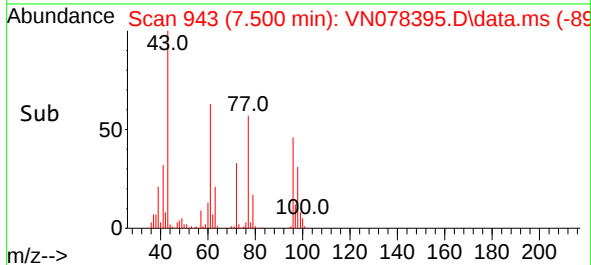
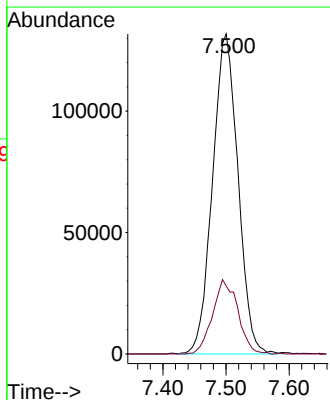
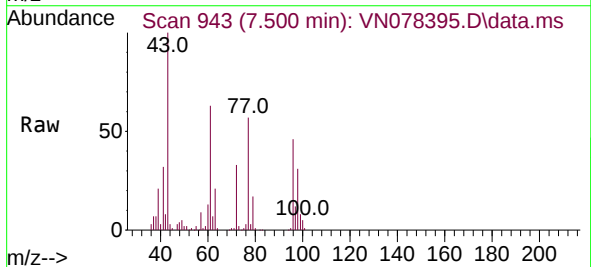
Manual Integrations
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Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#26
2,2-Dichloropropane
Concen: 65.147 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

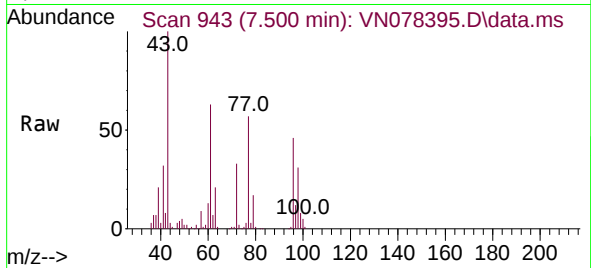
Tgt Ion: 77 Resp: 368951
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 55.547 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

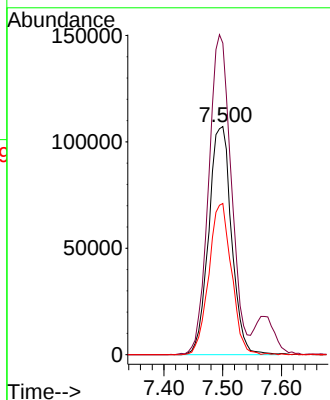
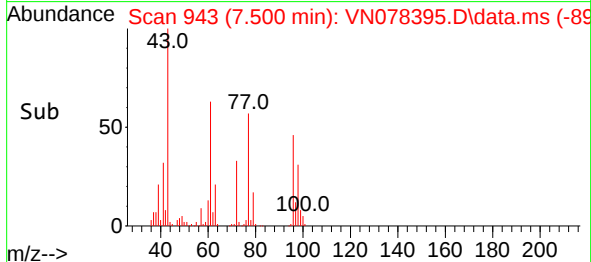
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 289372
Ion Ratio Lower Upper
96 100
61 139.4 0.0 255.2
98 65.9 0.0 128.8

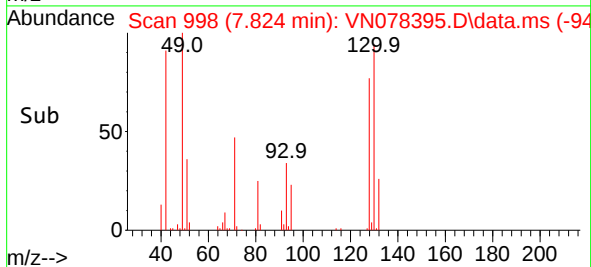
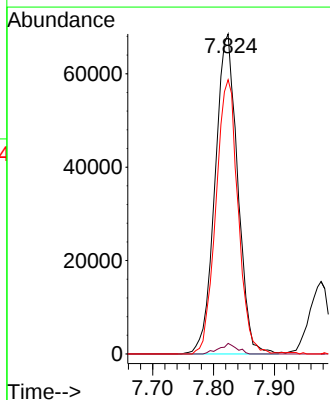
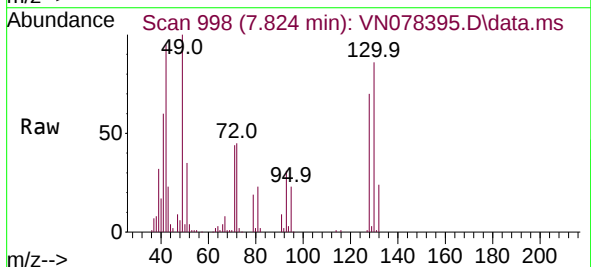
Manual Integrations
APPROVED

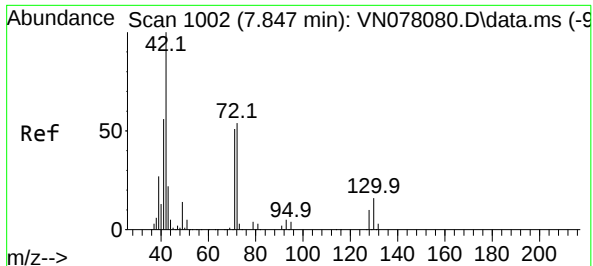
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#28
Bromochloromethane
Concen: 50.262 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion: 49 Resp: 177005
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 83.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 304.707 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 445770

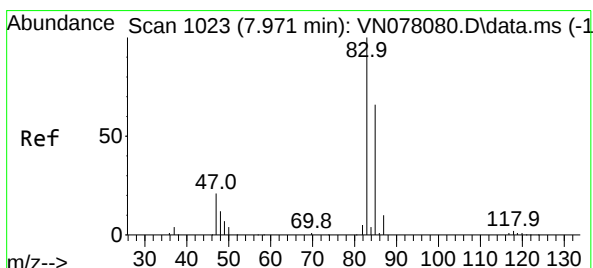
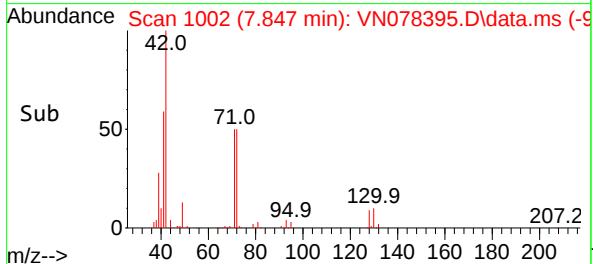
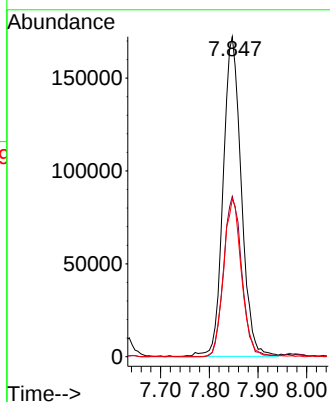
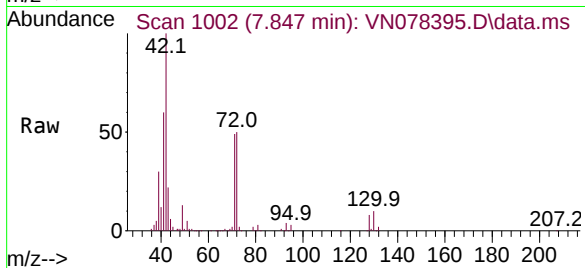
Ion	Ratio	Lower	Upper
42	100		
72	50.3	49.8	74.6
71	48.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

Chloroform

Concen: 59.495 ug/l

RT: 7.977 min Scan# 1024

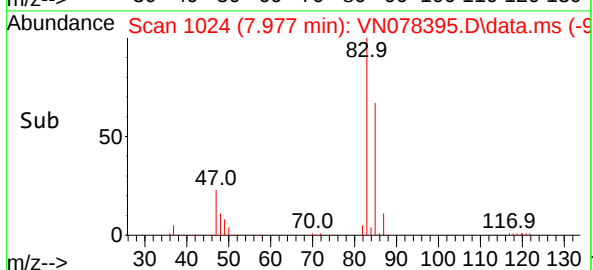
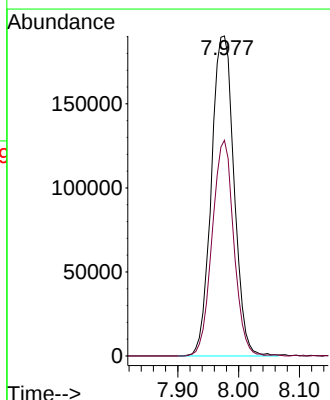
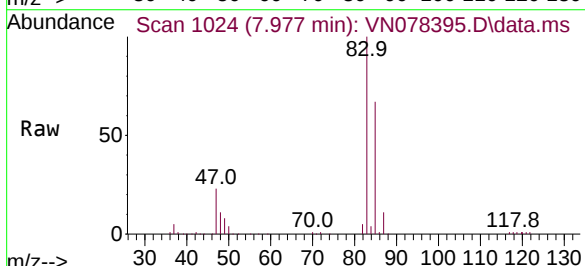
Delta R.T. 0.006 min

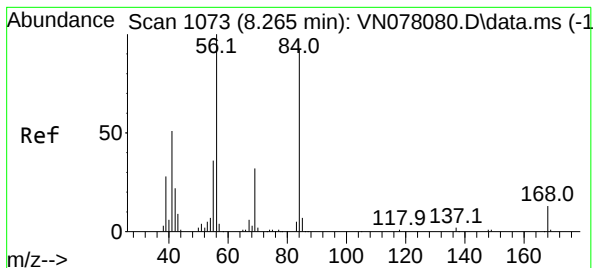
Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Tgt Ion: 83 Resp: 491380

Ion	Ratio	Lower	Upper
83	100		
85	67.4	55.4	83.0





#31

Cyclohexane

Concen: 54.900 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078395.D

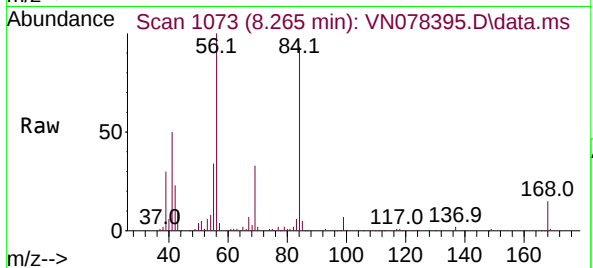
Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 348179

Ion Ratio Lower Upper

56 100

69 32.9 26.8 40.2

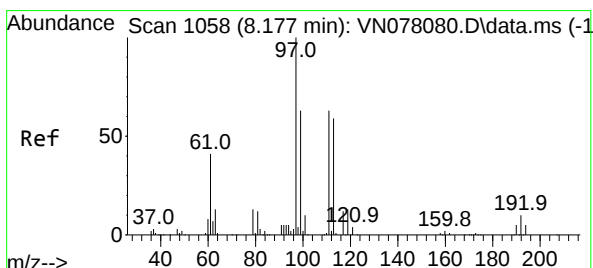
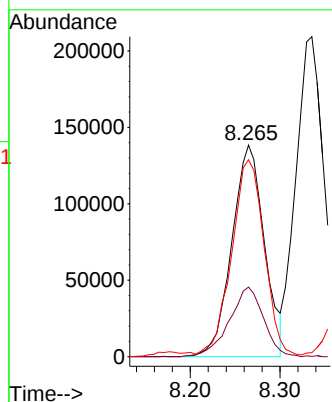
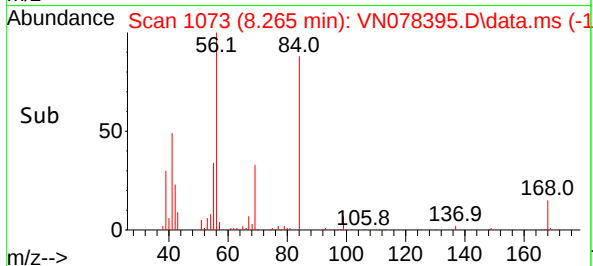
84 91.5 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#32

1,1,1-Trichloroethane

Concen: 59.836 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

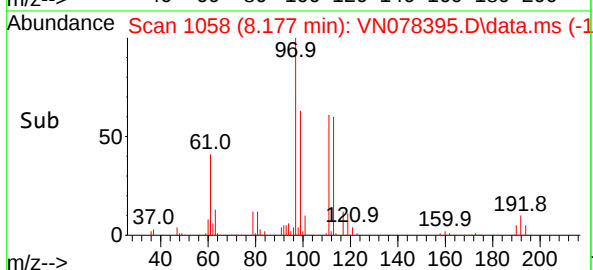
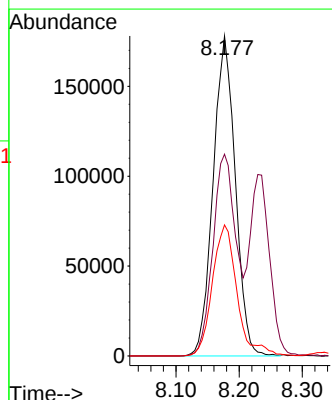
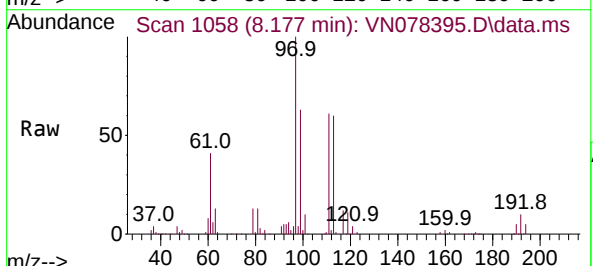
Tgt Ion: 97 Resp: 433869

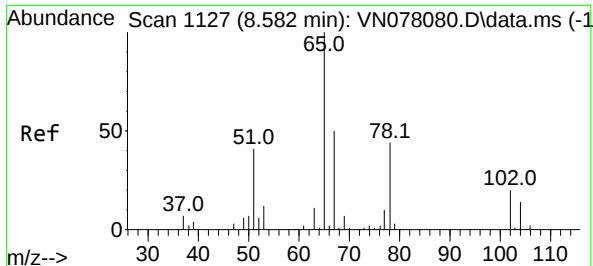
Ion Ratio Lower Upper

97 100

99 66.0 50.3 75.5

61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 60.043 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 296850

Ion Ratio Lower Upper

65 100

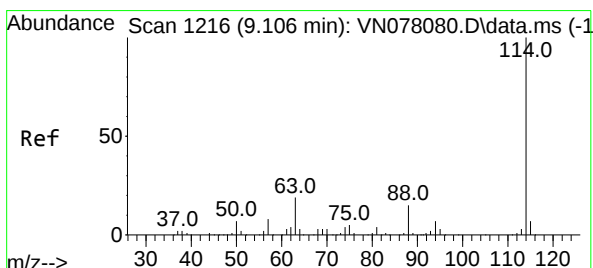
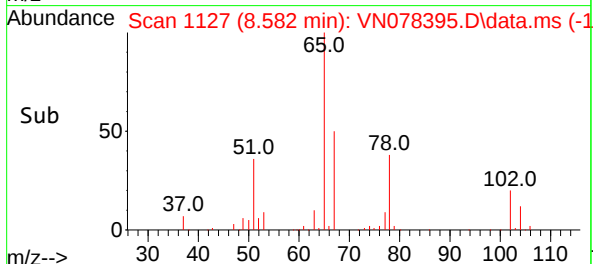
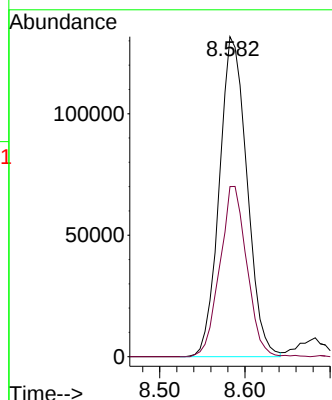
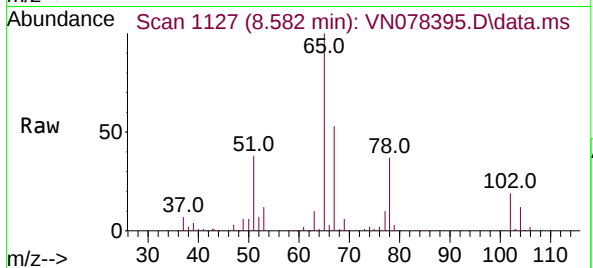
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

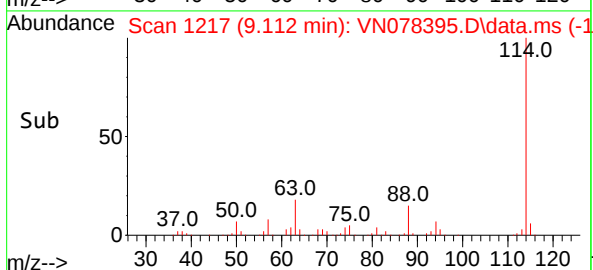
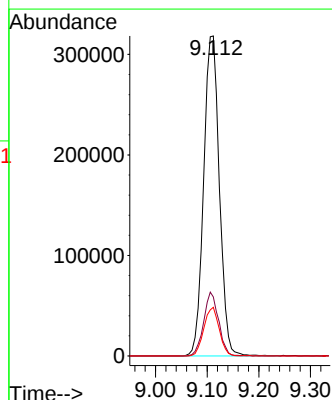
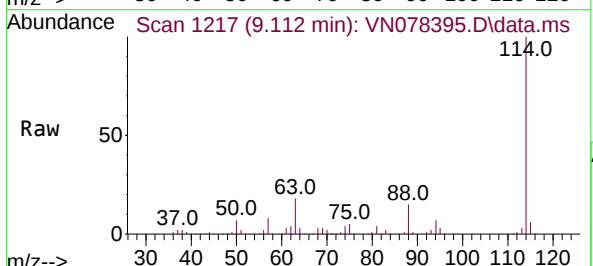
Tgt Ion:114 Resp: 672620

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

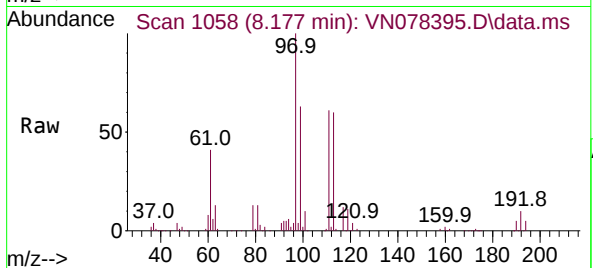
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 60.166 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

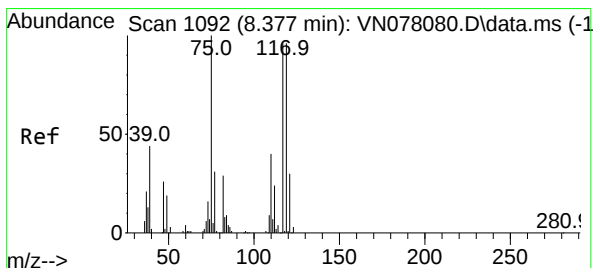
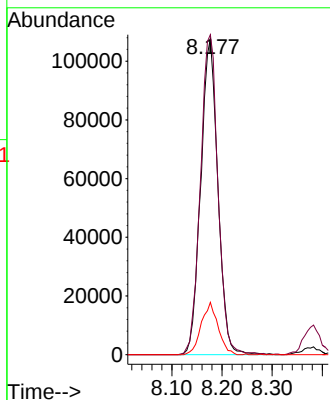
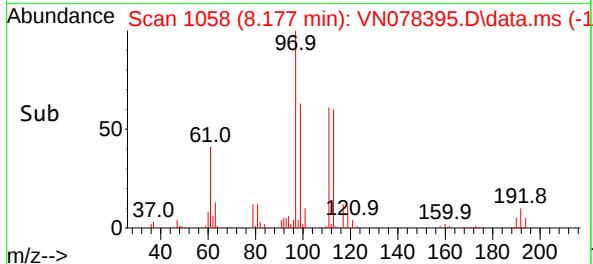
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



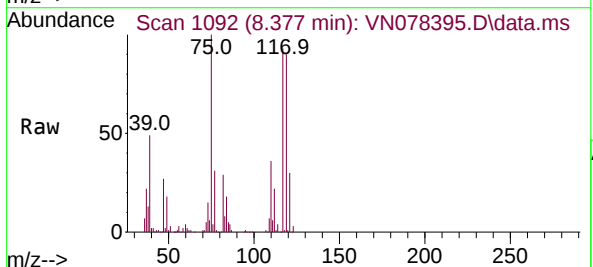
Tgt Ion: 113 Resp: 255879
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.2 12.7 19.1

Manual Integrations
APPROVED

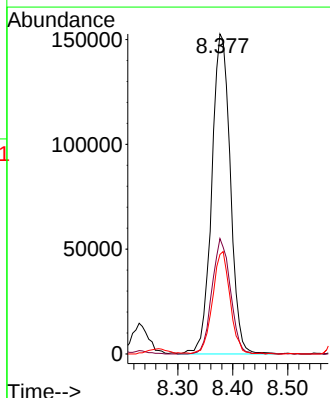
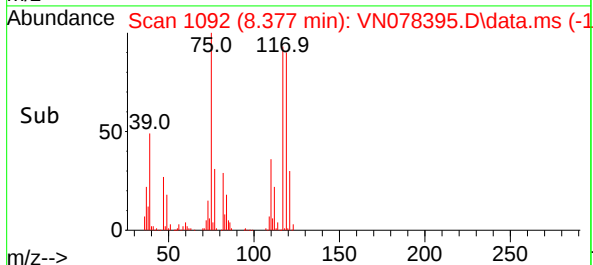
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

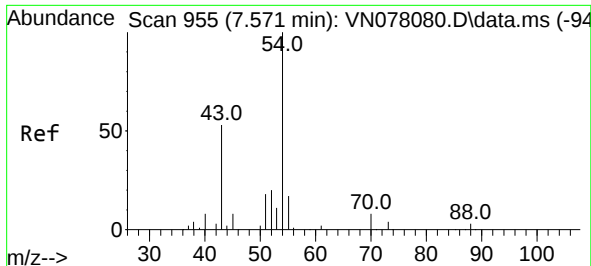


#36
1,1-Dichloropropene
Concen: 58.725 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



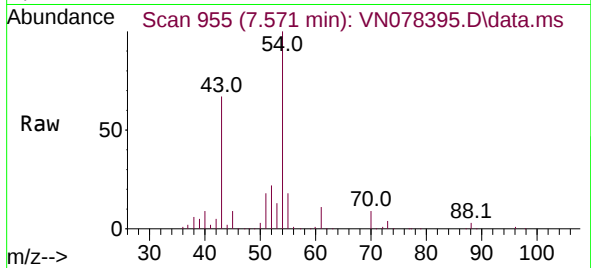
Tgt Ion: 75 Resp: 358236
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 29.9 25.0 37.4





#37
Ethyl Acetate
Concen: 60.134 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

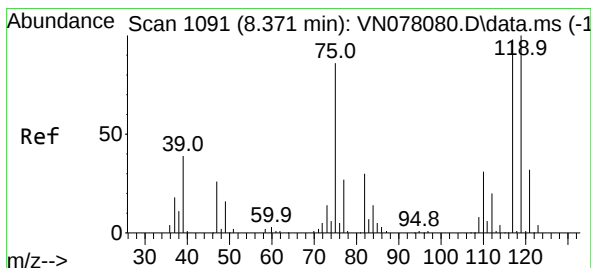
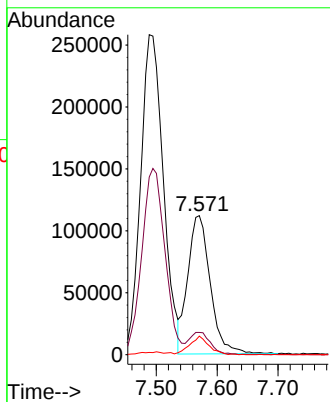
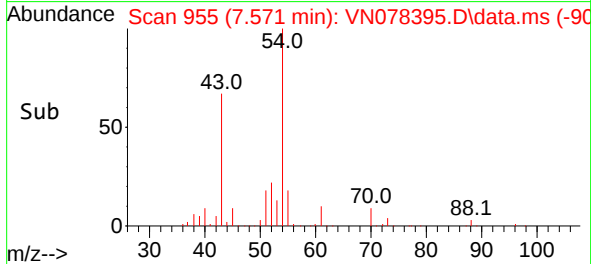
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



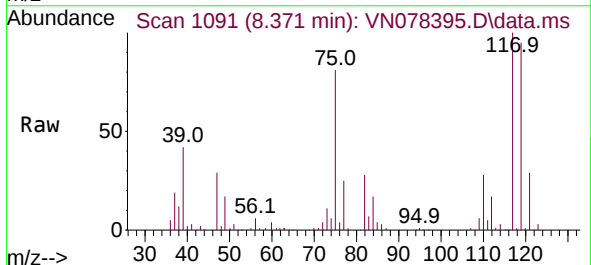
Tgt Ion: 43 Resp: 286568
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 11.4 11.3 16.9

Manual Integrations
APPROVED

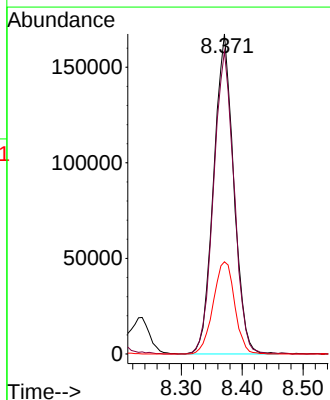
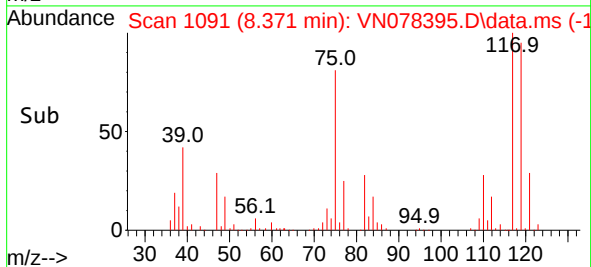
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

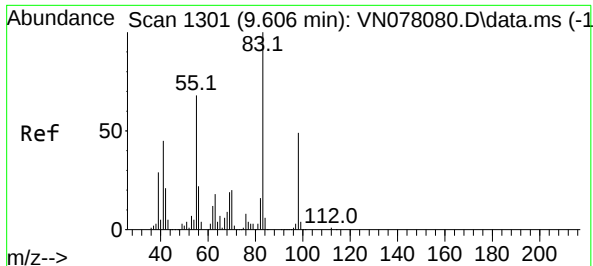


#38
Carbon Tetrachloride
Concen: 59.542 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion:117 Resp: 383529
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 28.8 23.3 34.9





#39

Methylcyclohexane

Concen: 50.046 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 316384

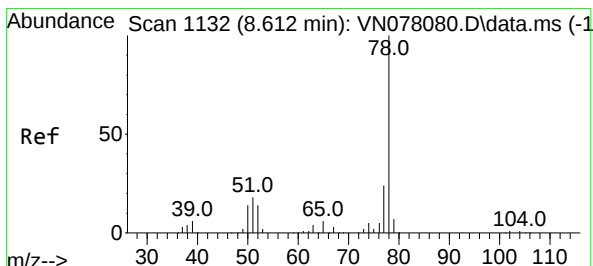
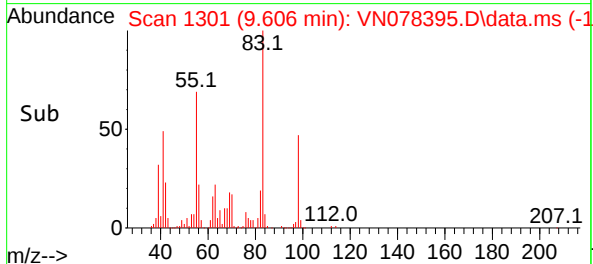
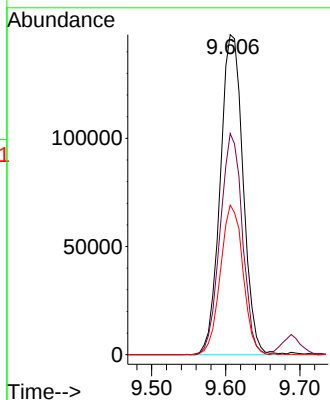
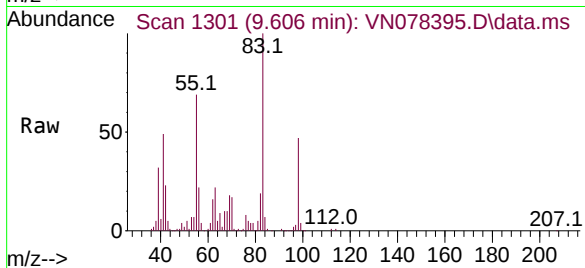
Ion	Ratio	Lower	Upper
83	100		
55	69.1	49.1	73.7
98	46.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Benzene

Concen: 59.392 ug/l

RT: 8.612 min Scan# 1132

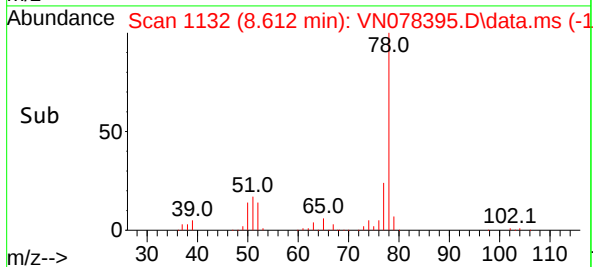
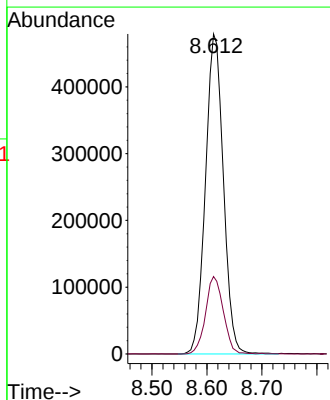
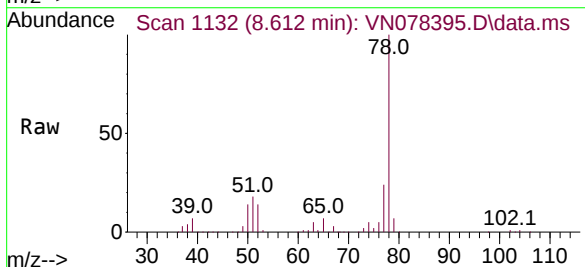
Delta R.T. 0.000 min

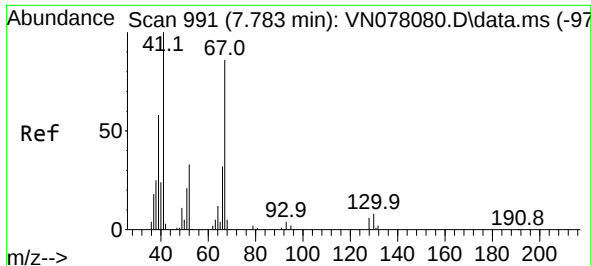
Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Tgt Ion: 78 Resp: 1081644

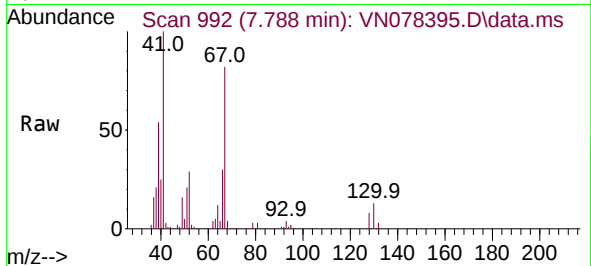
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 58.513 ug/l
RT: 7.788 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

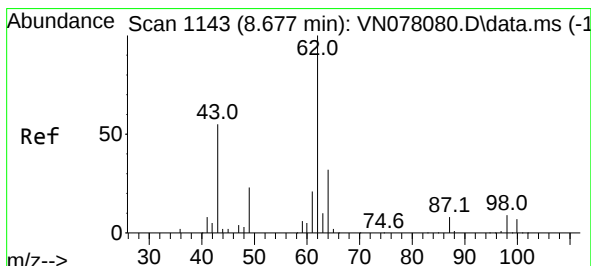
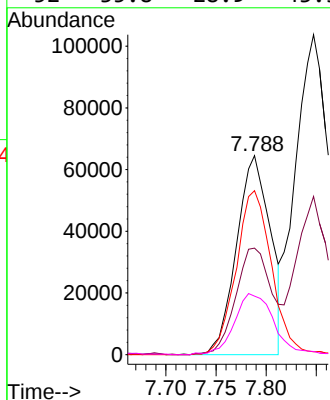
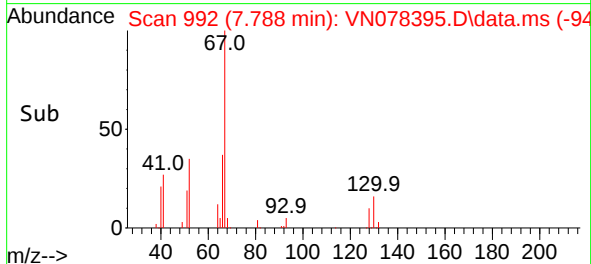
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15114
Ion Ratio Lower Upper
41 100
39 59.5 42.6 64.0
67 87.0 77.5 116.3
52 35.8 28.9 43.3

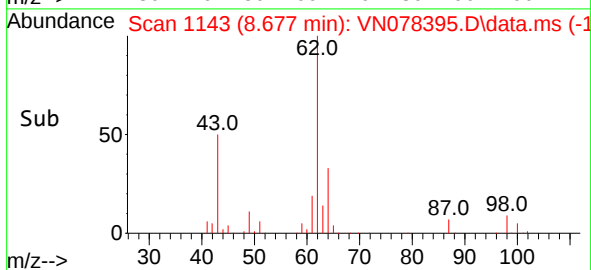
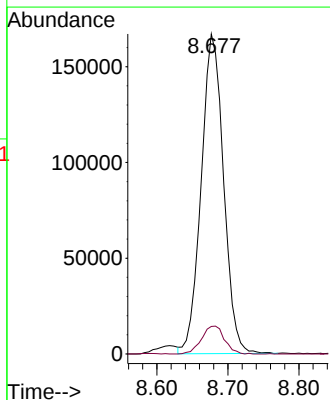
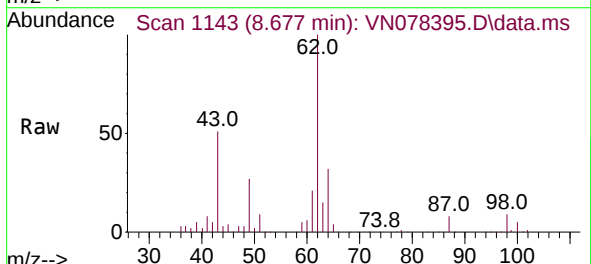
Manual Integrations
APPROVED

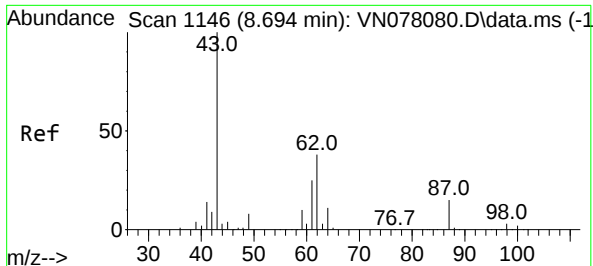
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 58.543 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

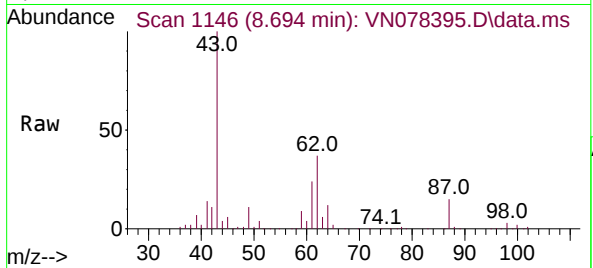
Tgt Ion: 62 Resp: 365562
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 58.911 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

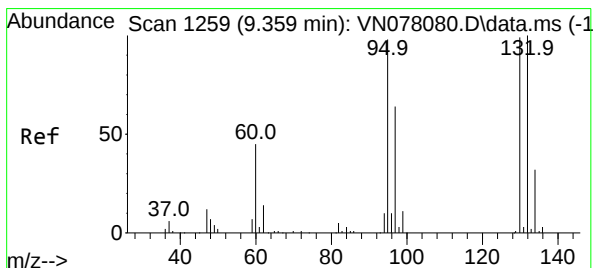
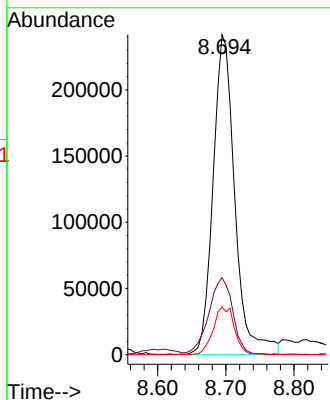
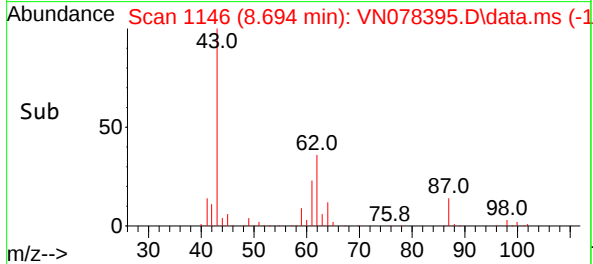
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



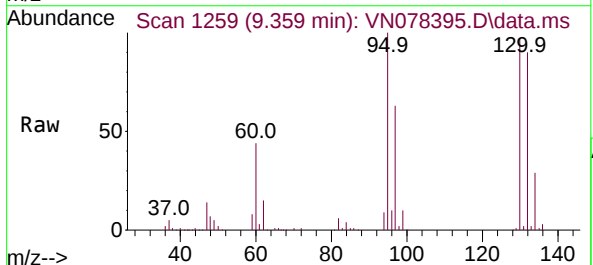
Tgt Ion: 43 Resp: 53690
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 14.7 14.6 21.8

Manual Integrations
APPROVED

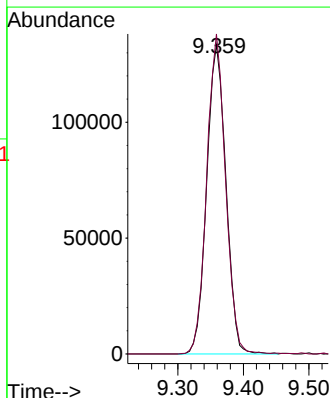
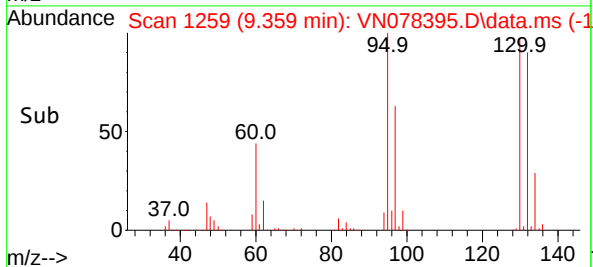
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Trichloroethene
Concen: 56.632 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion:130 Resp: 272375
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 59.912 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 271469

Ion Ratio Lower Upper

63 100

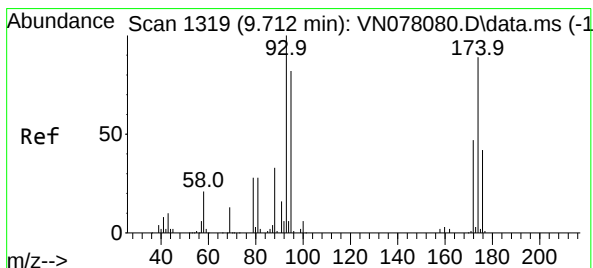
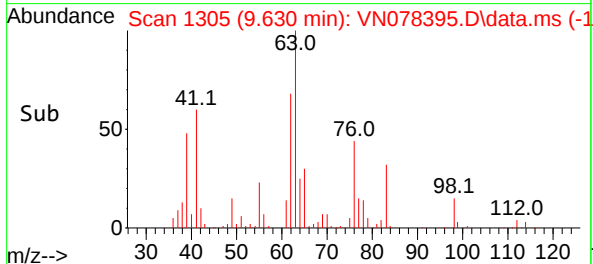
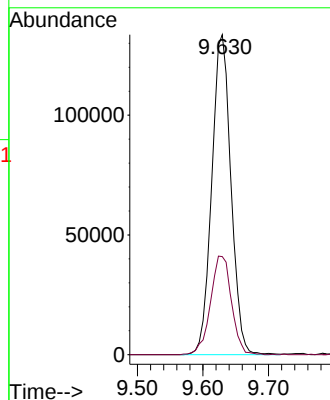
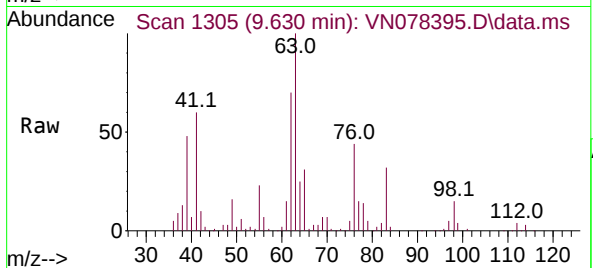
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Dibromomethane

Concen: 59.011 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

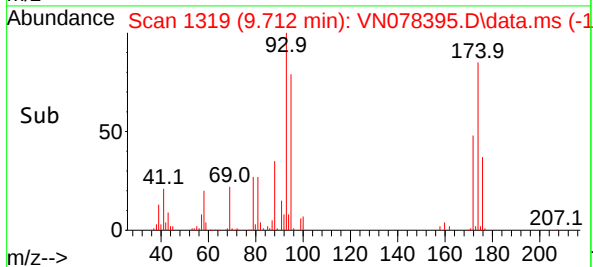
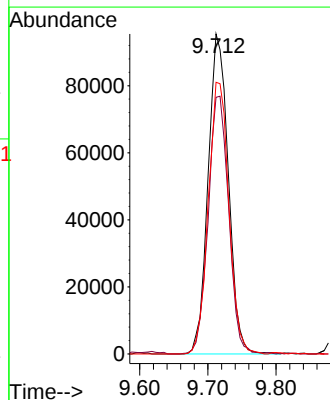
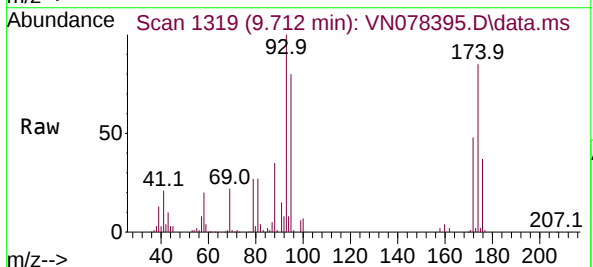
Tgt Ion: 93 Resp: 196949

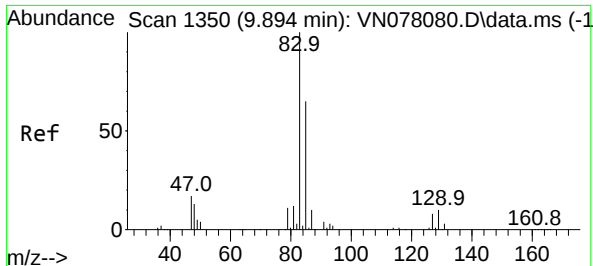
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

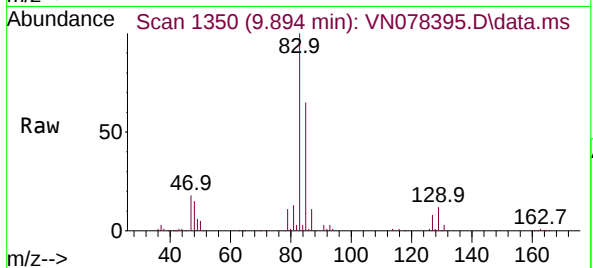
174 86.7 65.6 98.4





#47
Bromodichloromethane
Concen: 62.206 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

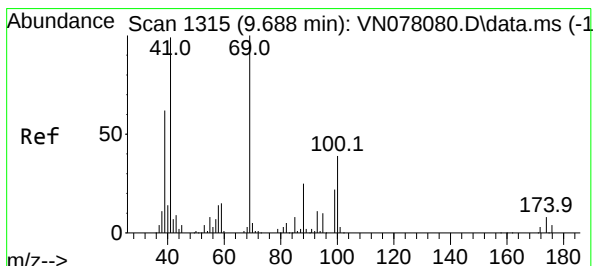
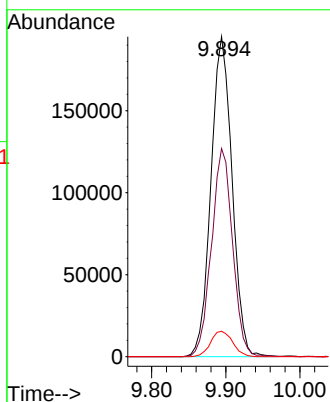
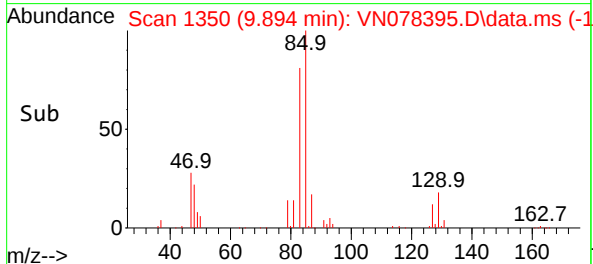
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



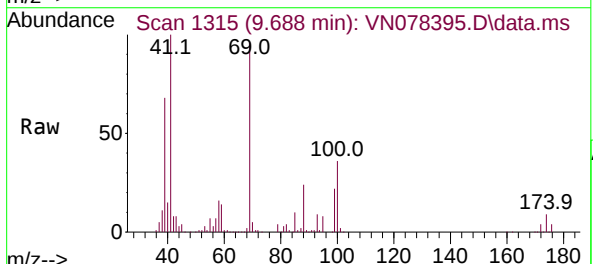
Tgt Ion: 83 Resp: 385644
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.0 7.0 10.6

Manual Integrations
APPROVED

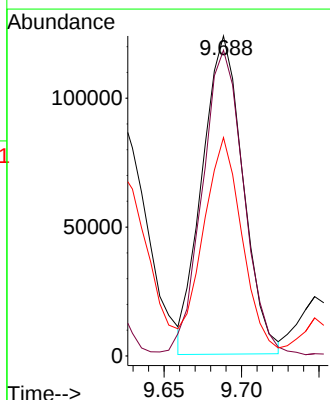
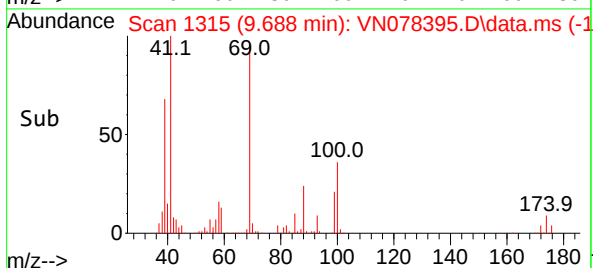
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

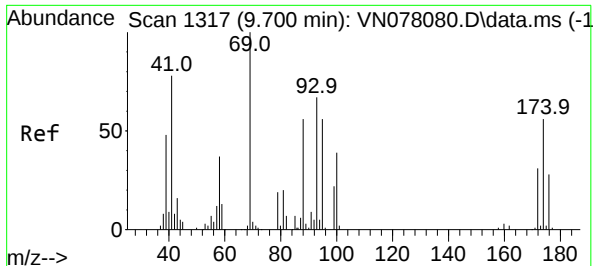


#48
Methyl methacrylate
Concen: 59.205 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion: 41 Resp: 226439
Ion Ratio Lower Upper
41 100
69 97.1 90.4 135.6
39 65.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1174.402 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 94400

Ion Ratio Lower Upper

88 100

43 24.7 17.0 25.6

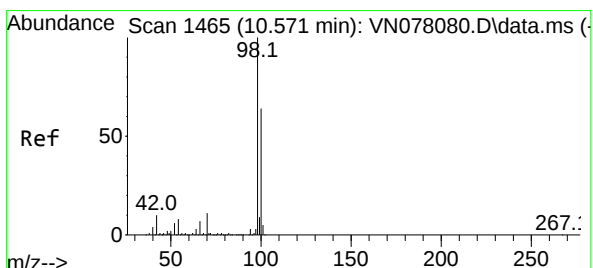
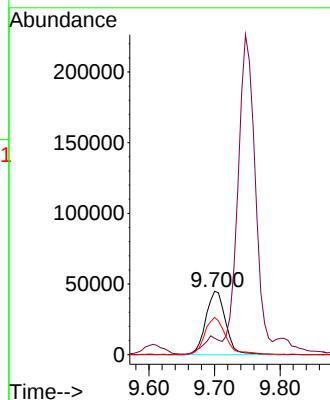
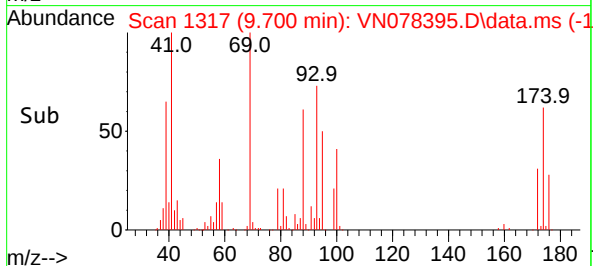
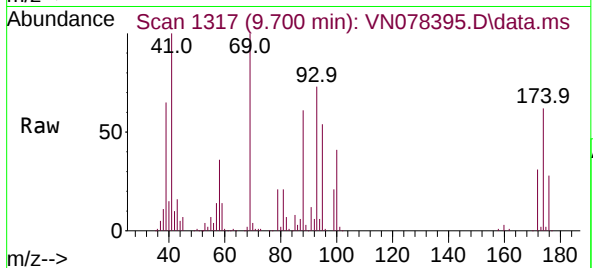
58 62.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

Toluene-d8

Concen: 57.077 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078395.D

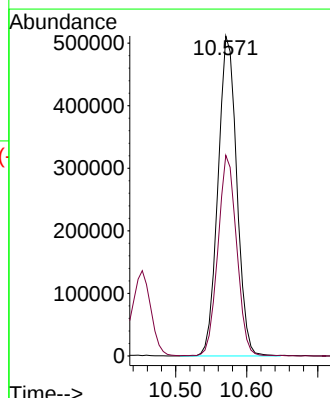
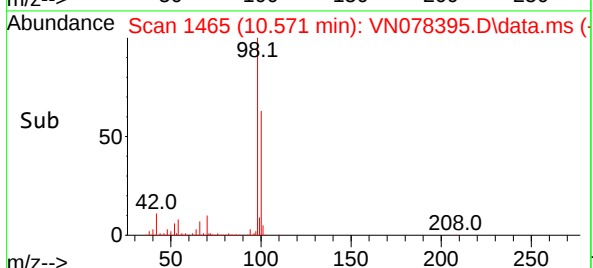
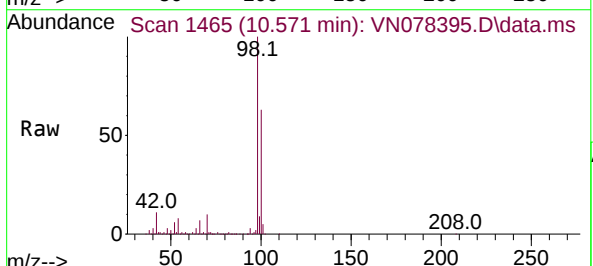
Acq: 24 Jun 2023 15:25

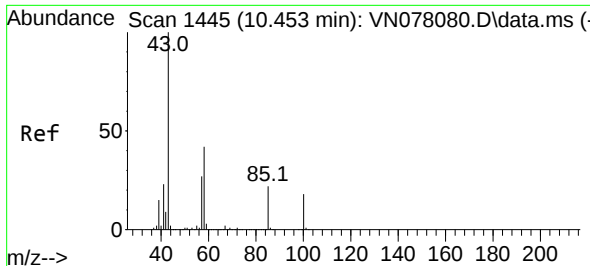
Tgt Ion: 98 Resp: 935799

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0





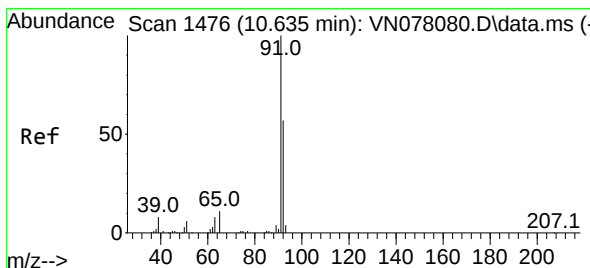
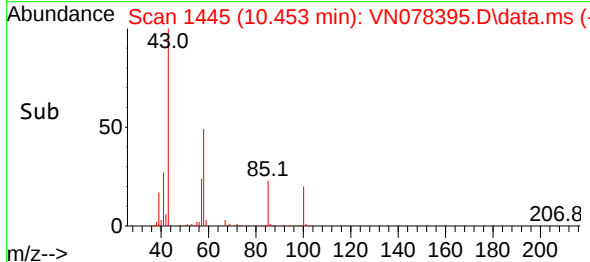
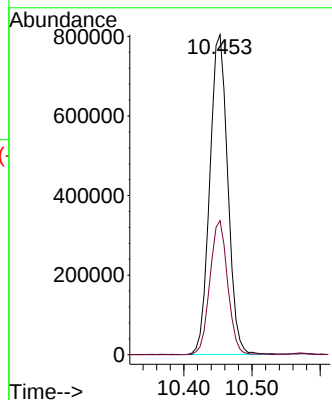
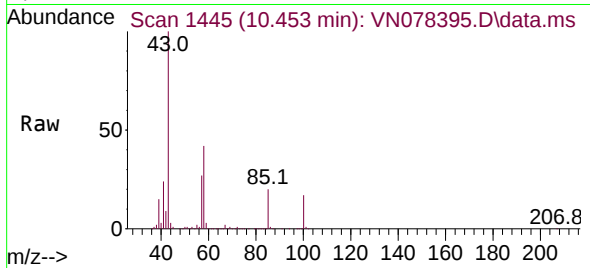
#51
4-Methyl-2-Pentanone
Concen: 307.980 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 147807
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

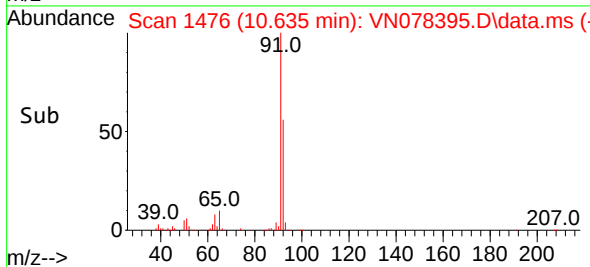
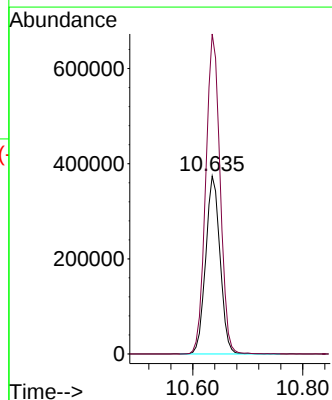
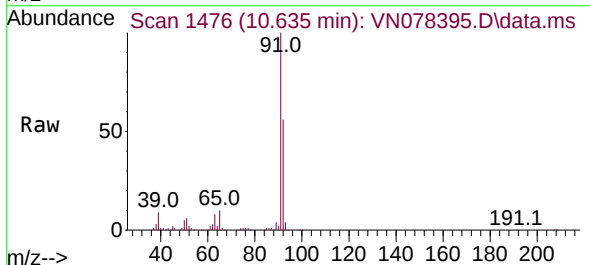
Manual Integrations
APPROVED

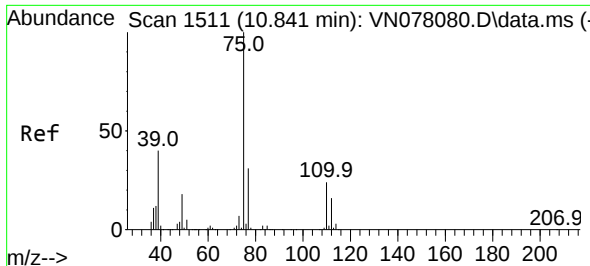
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 58.983 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

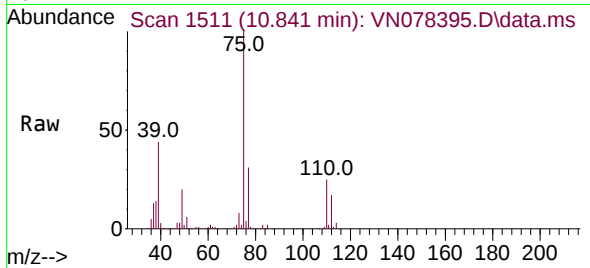
Tgt Ion: 92 Resp: 678219
Ion Ratio Lower Upper
92 100
91 179.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 61.630 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

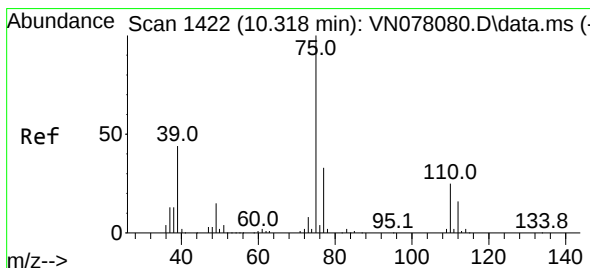
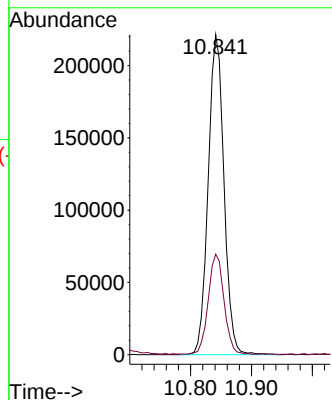
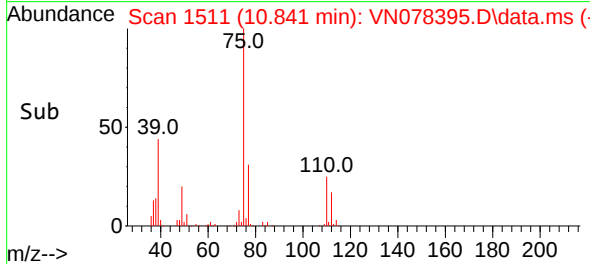
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 397908
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

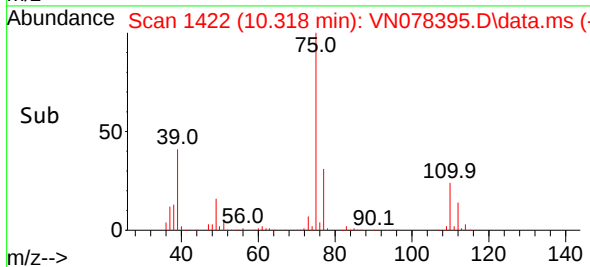
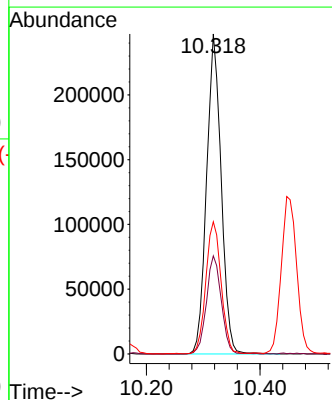
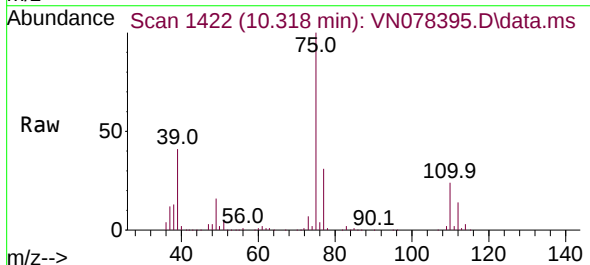
Manual Integrations
APPROVED

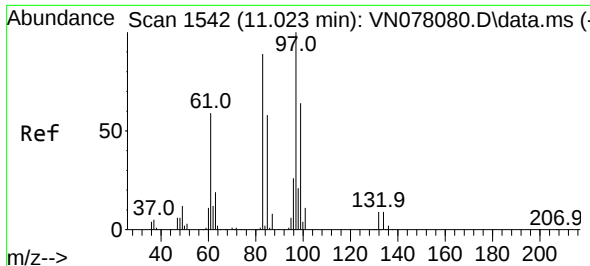
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#54
cis-1,3-Dichloropropene
Concen: 61.380 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

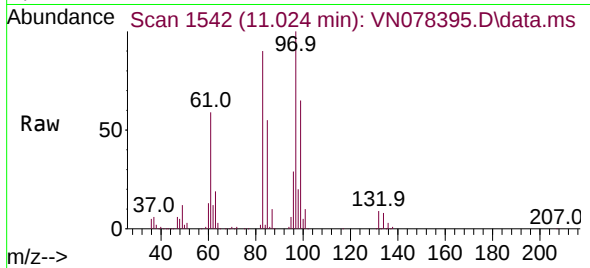
Tgt Ion: 75 Resp: 438069
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 41.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 59.904 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

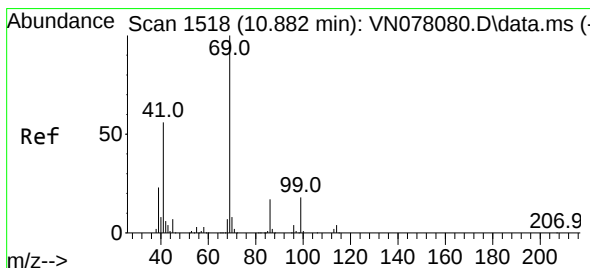
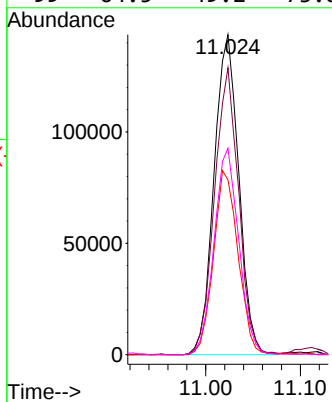
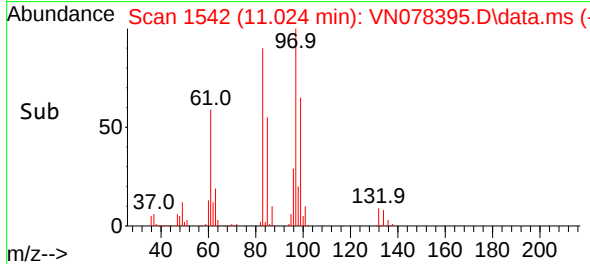
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



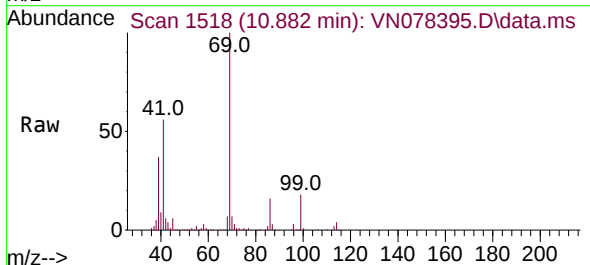
Tgt Ion:	97	Resp:	260569
Ion Ratio	100	Lower	Upper
97	100		
83	89.7	65.1	97.7
85	54.6	43.4	65.2
99	64.5	49.2	73.8

Manual Integrations
APPROVED

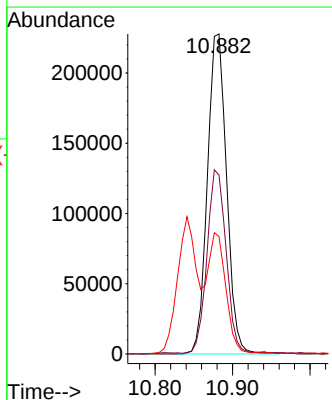
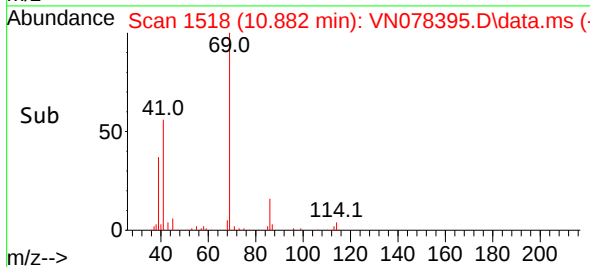
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

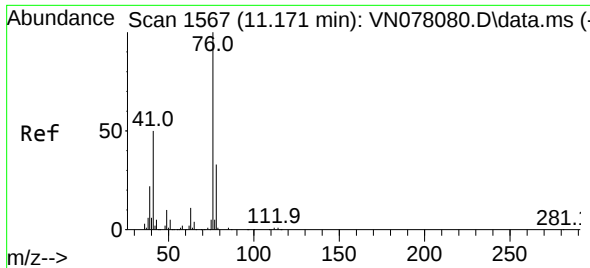


#56
Ethyl methacrylate
Concen: 61.962 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



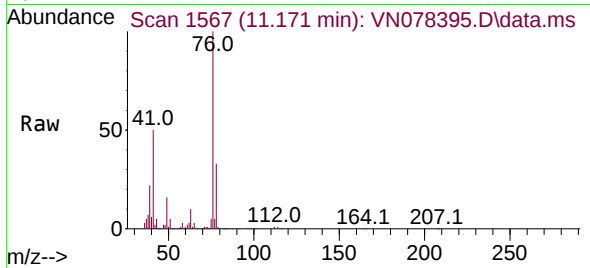
Tgt Ion:	69	Resp:	392444
Ion Ratio	100	Lower	Upper
69	100		
41	57.1	39.6	59.4
39	36.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 61.148 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

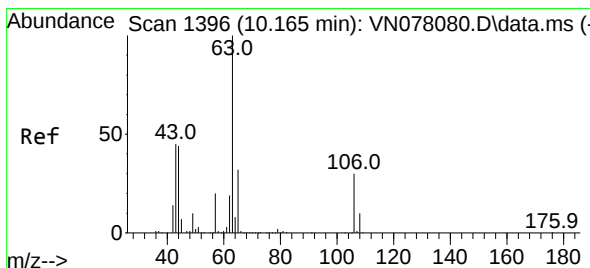
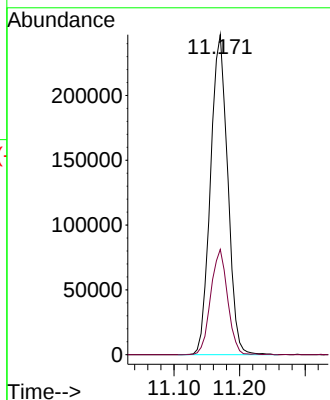
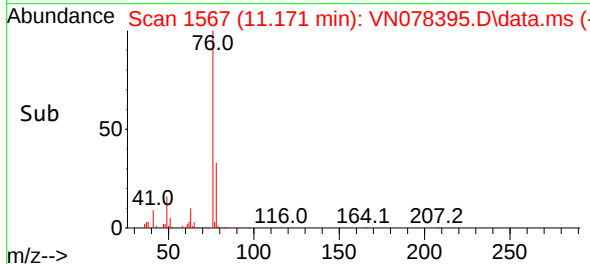
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 44896
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

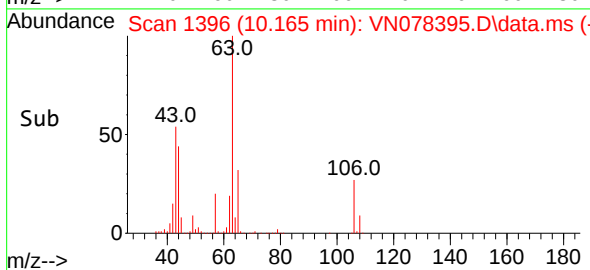
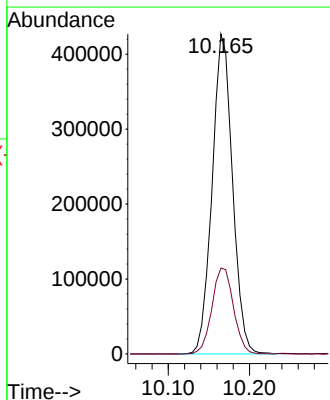
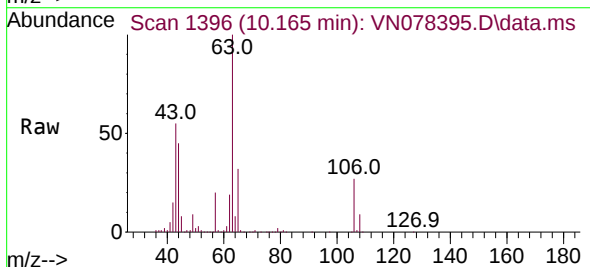
Manual Integrations
APPROVED

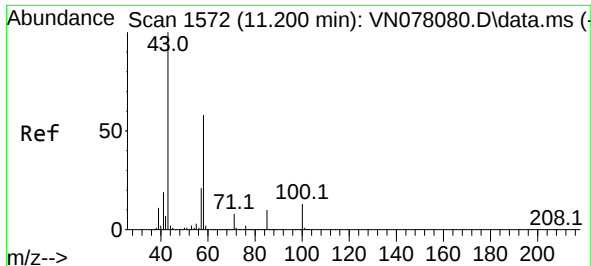
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
2-Chloroethyl Vinyl ether
Concen: 290.650 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

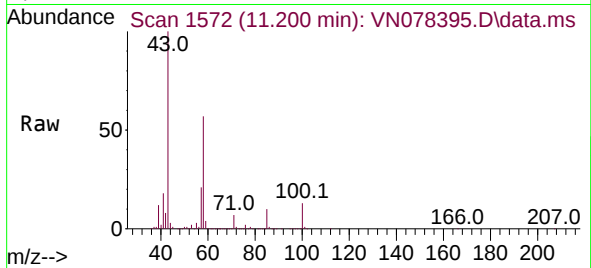
Tgt Ion: 63 Resp: 743648
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 311.235 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

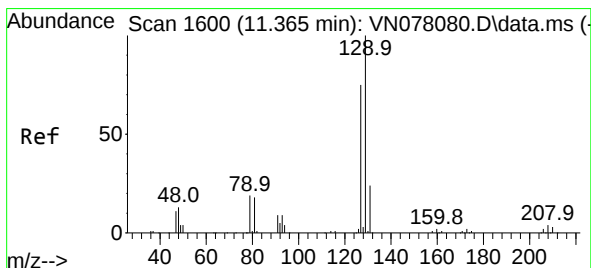
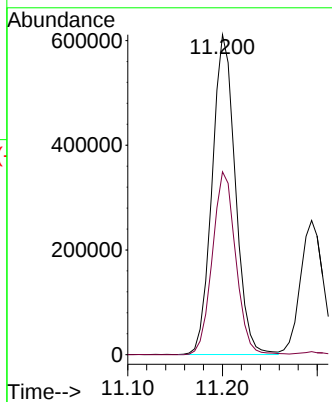
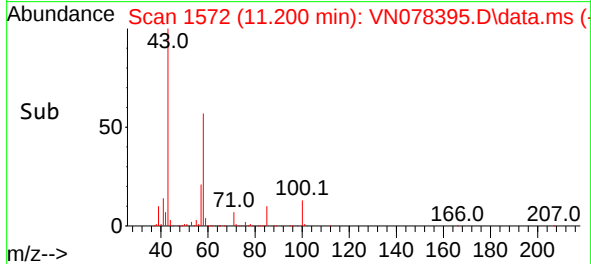
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 104004
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

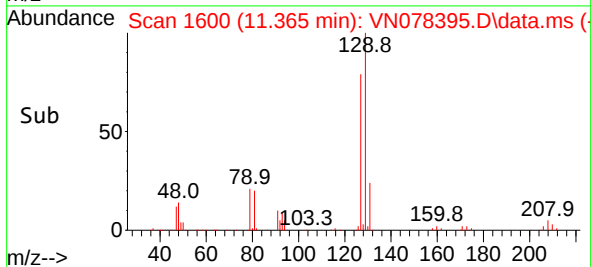
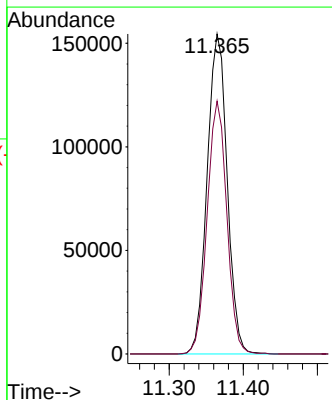
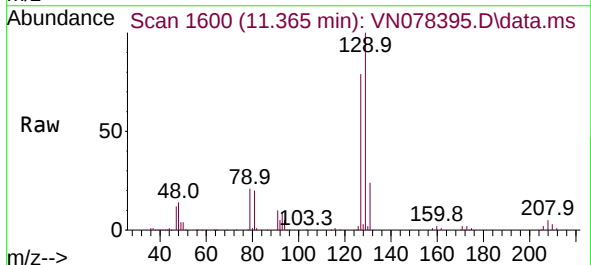
Manual Integrations
APPROVED

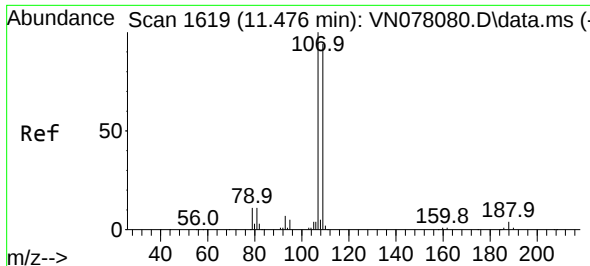
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
Dibromochloromethane
Concen: 60.985 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

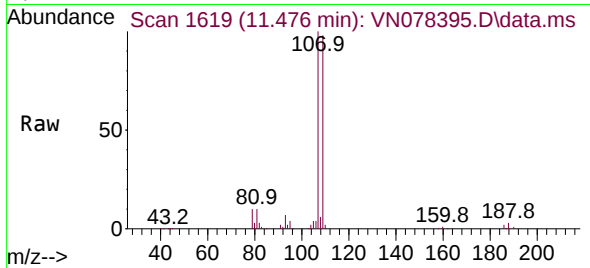
Tgt Ion:129 Resp: 290275
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 59.022 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

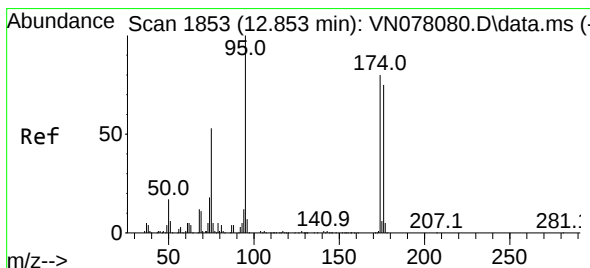
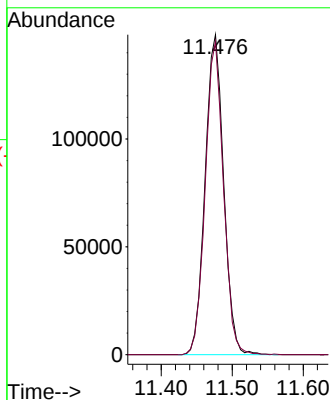
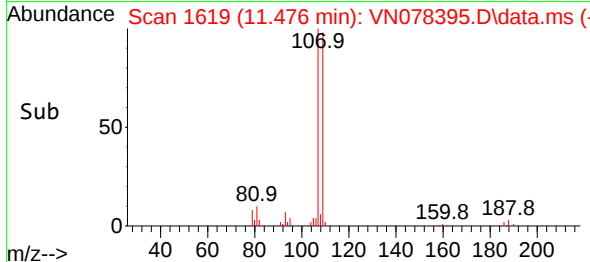
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



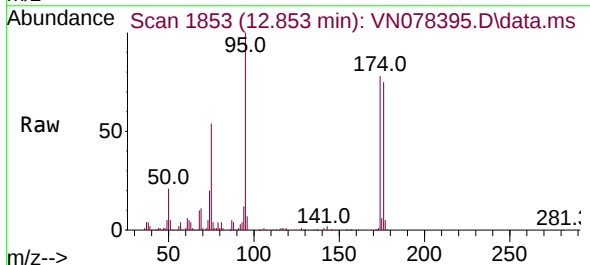
Tgt Ion:107 Resp: 269420
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

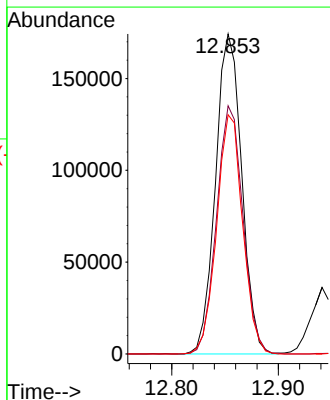
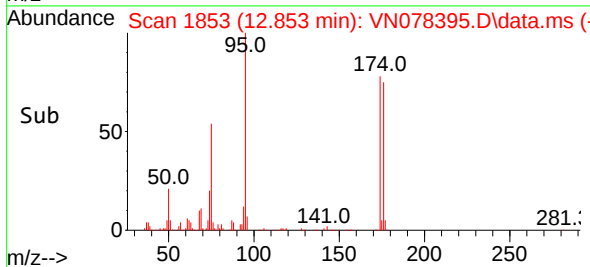
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

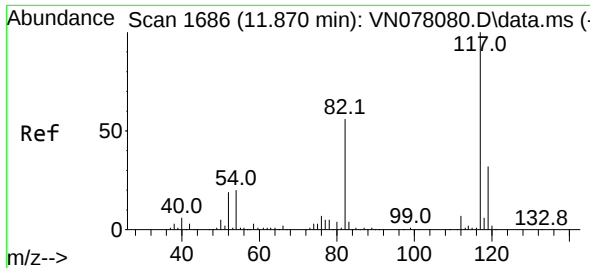


#62
4-Bromofluorobenzene
Concen: 58.414 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion: 95 Resp: 297730
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 74.0 0.0 135.8





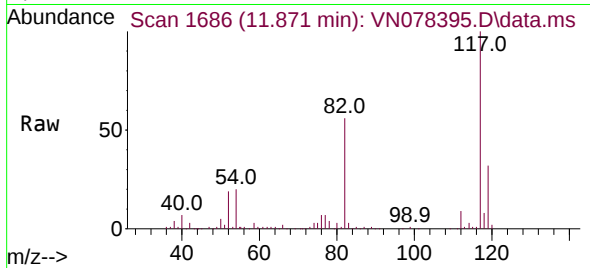
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



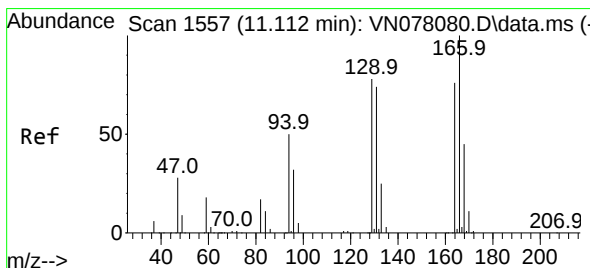
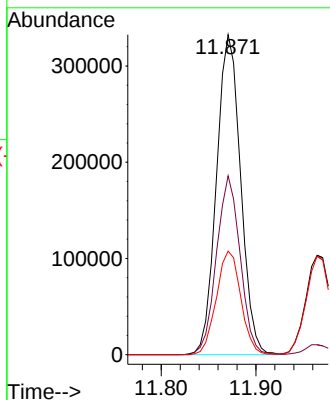
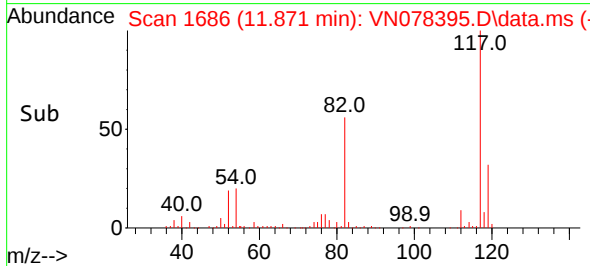
Tgt Ion:117 Resp: 589500
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.3 25.6 38.4

Manual Integrations

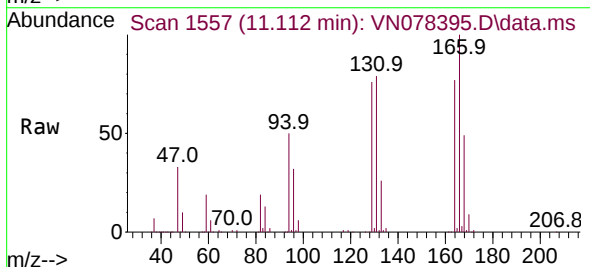
APPROVED

Reviewed By :John Carlone 06/26/2023

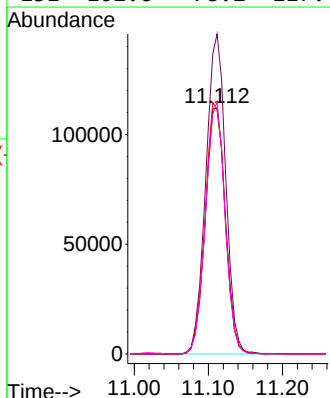
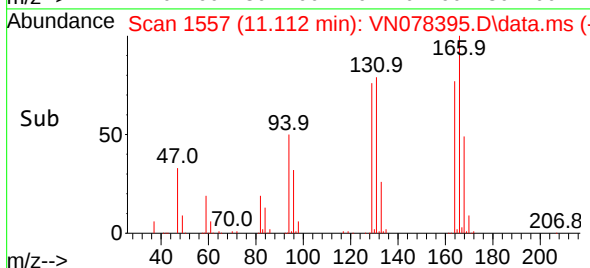
Supervised By :Mahesh Dadoda 06/26/2023

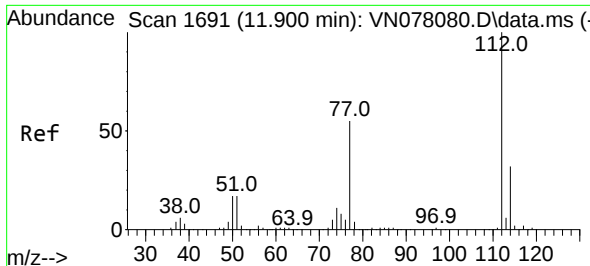


#64
Tetrachloroethene
Concen: 54.205 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



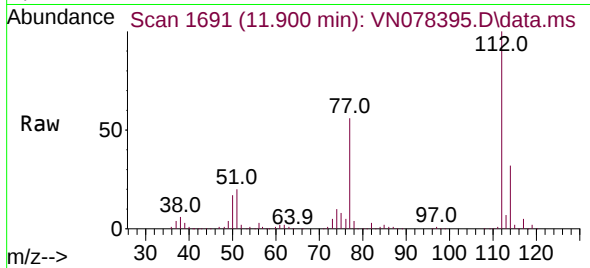
Tgt Ion:164 Resp: 213177
Ion Ratio Lower Upper
164 100
166 130.1 101.4 152.0
129 99.2 82.4 123.6
131 102.6 78.2 117.4





#65
Chlorobenzene
Concen: 56.453 ug/l
RT: 11.900 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

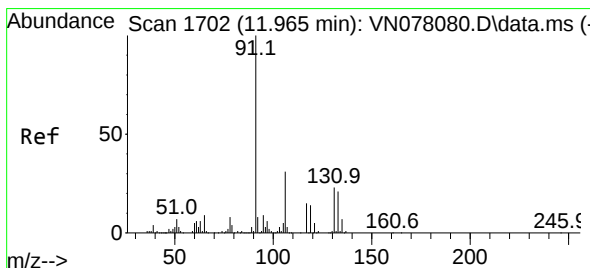
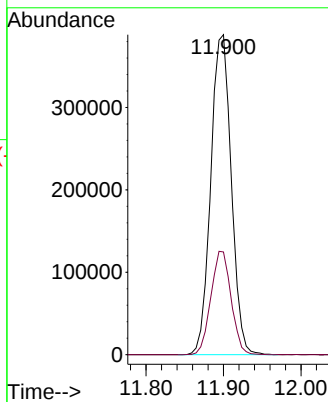
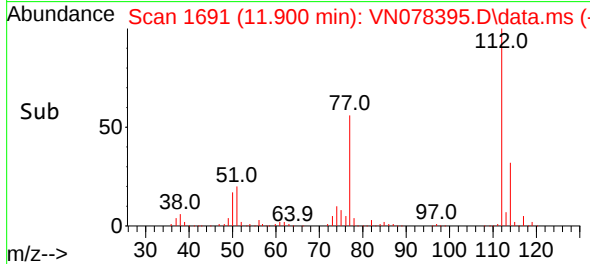
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



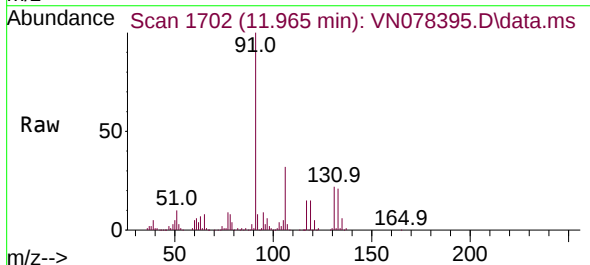
Tgt Ion:112 Resp: 71269
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

Manual Integrations
APPROVED

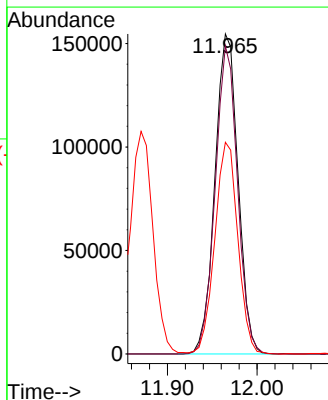
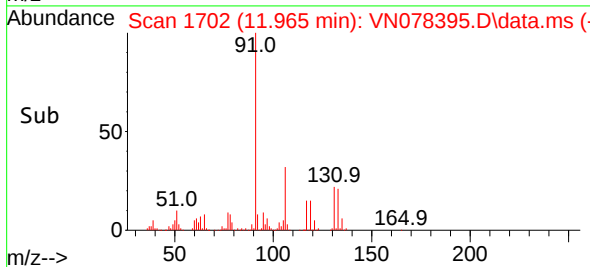
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

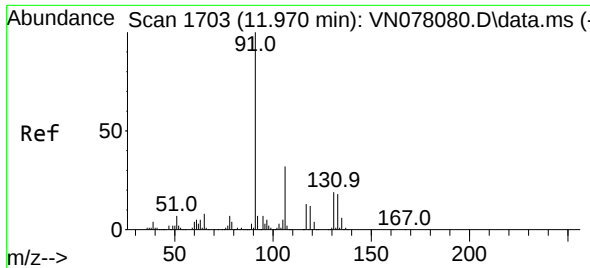


#66
1,1,1,2-Tetrachloroethane
Concen: 59.384 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion:131 Resp: 275739
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 66.2 34.1 102.2





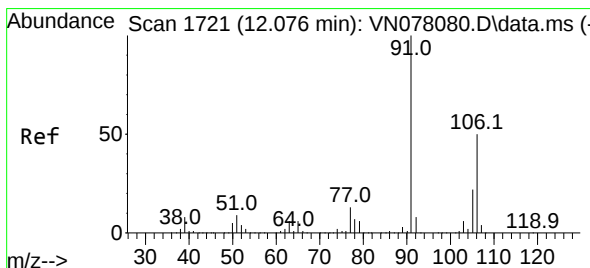
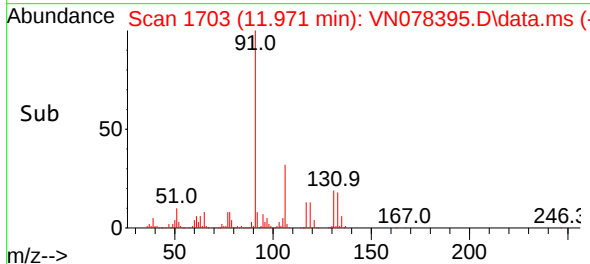
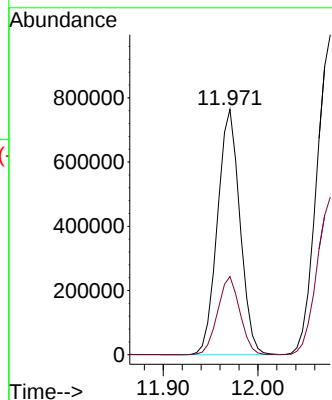
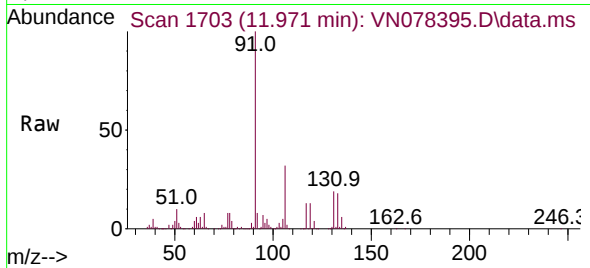
#67
Ethyl Benzene
Concen: 57.891 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1261068
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

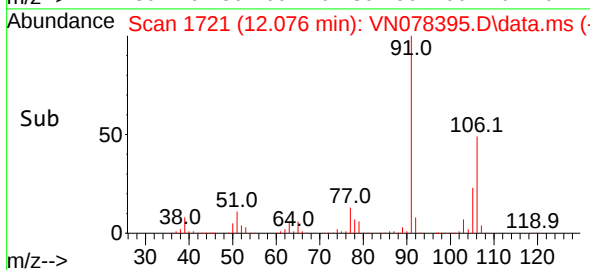
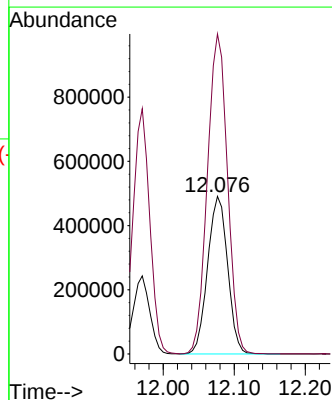
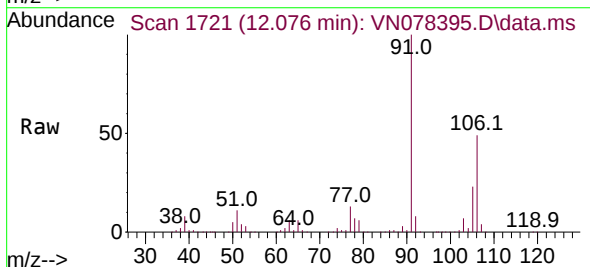
Manual Integrations
APPROVED

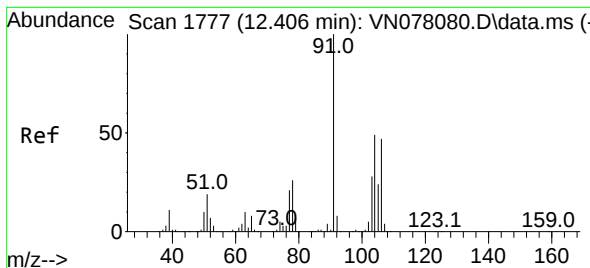
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
m/p-Xylenes
Concen: 115.545 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

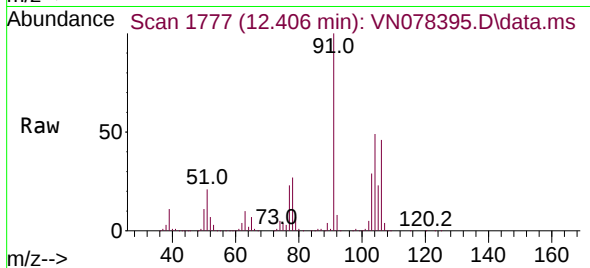
Tgt Ion:106 Resp: 959225
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4





#69
o-Xylene
Concen: 58.362 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

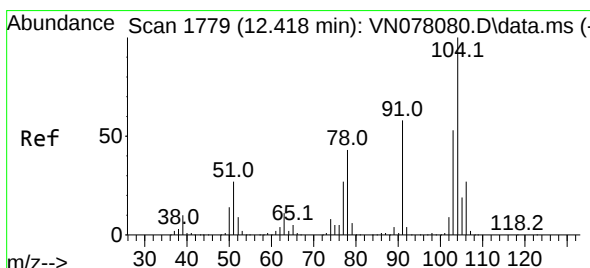
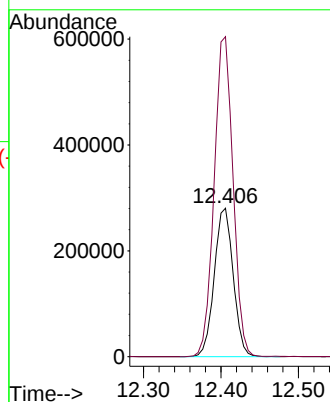
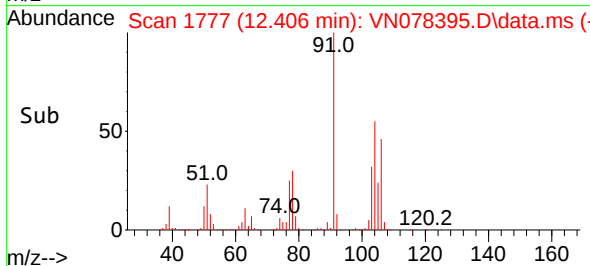
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 475795
Ion Ratio Lower Upper
106 100
91 215.2 105.2 315.5

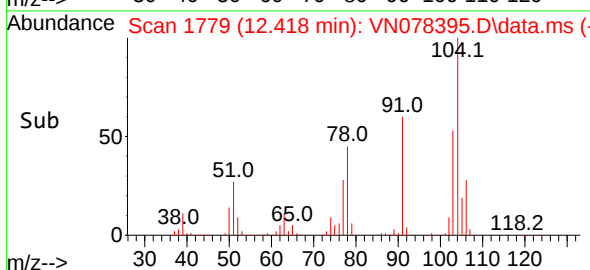
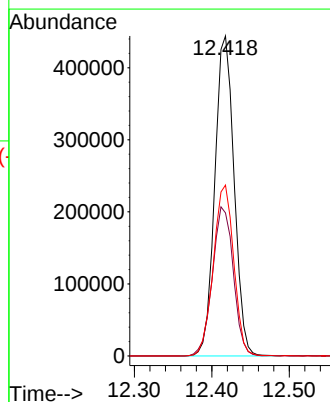
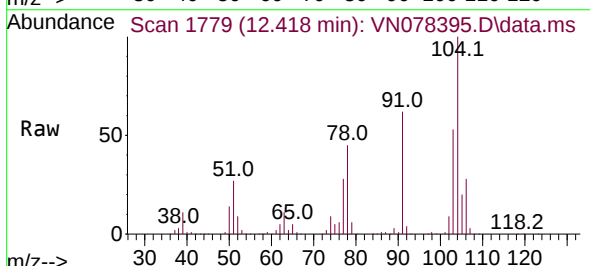
Manual Integrations
APPROVED

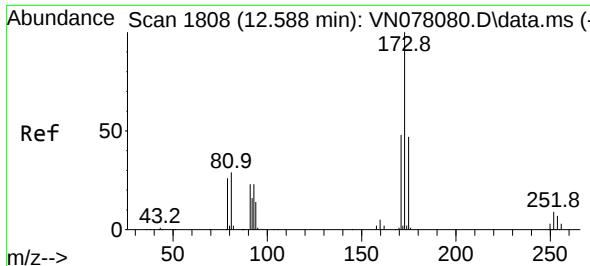
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Styrene
Concen: 59.809 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

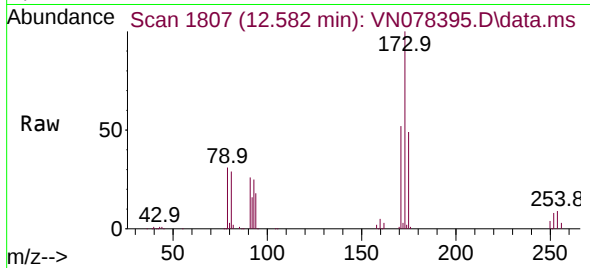
Tgt Ion:104 Resp: 767615
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 56.5 43.2 64.8





#71
Bromoform
Concen: 62.706 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

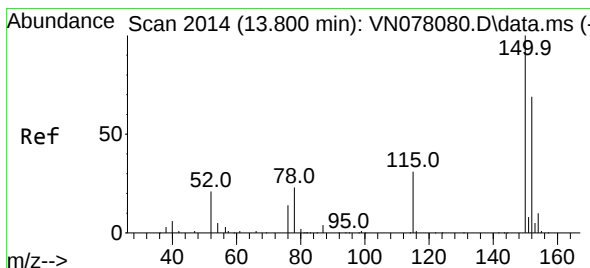
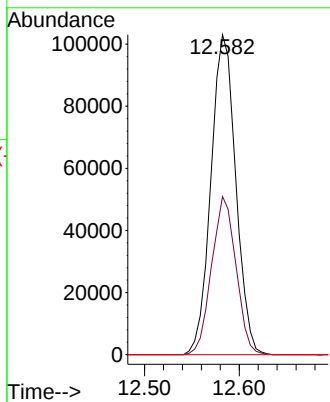
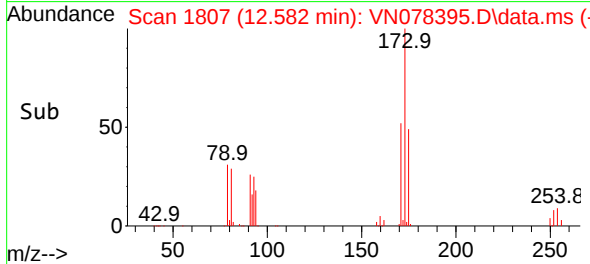
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



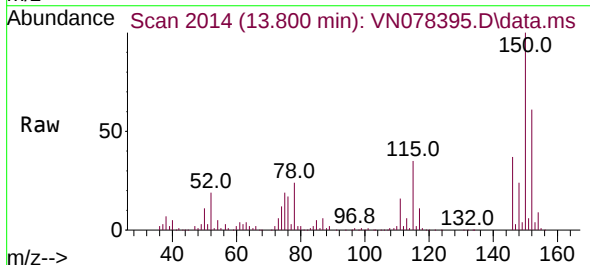
Tgt Ion:173 Resp: 187903
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

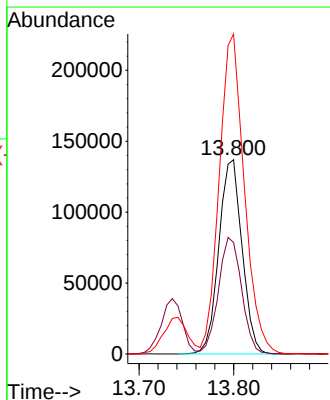
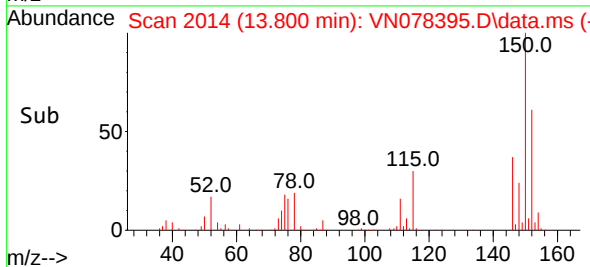
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

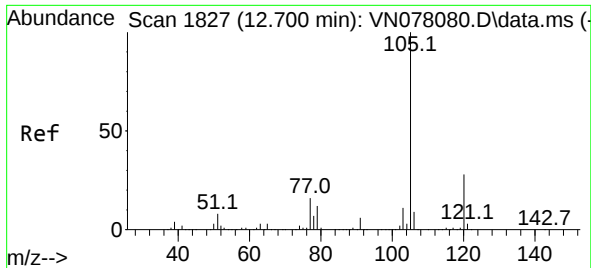


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



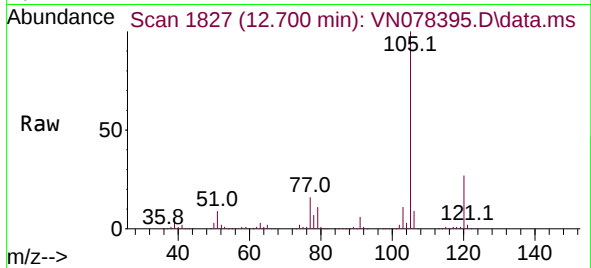
Tgt Ion:152 Resp: 233703
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 177.6 0.0 355.8





#73
Isopropylbenzene
Concen: 51.901 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

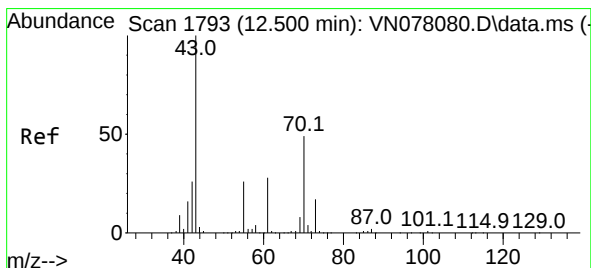
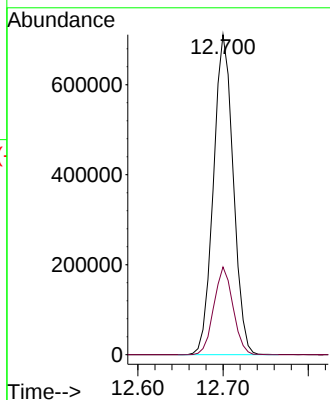
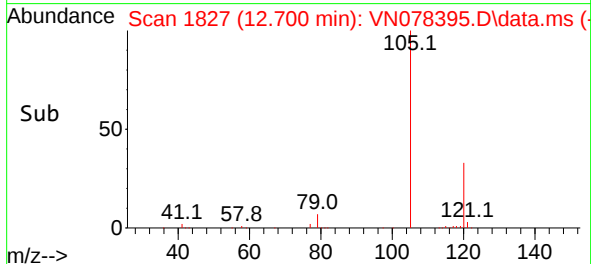
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



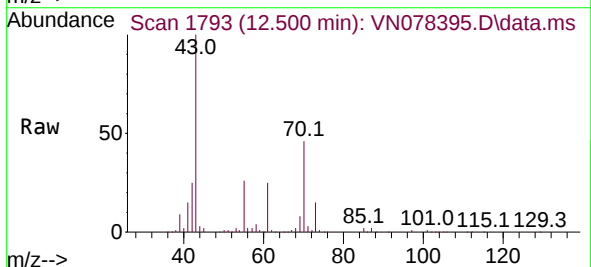
Tgt Ion:105 Resp: 1146990
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

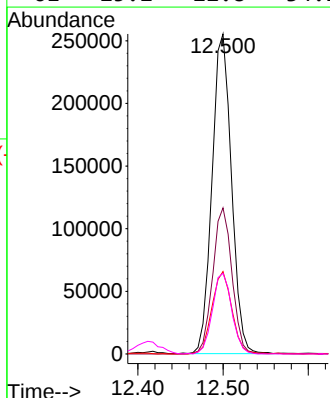
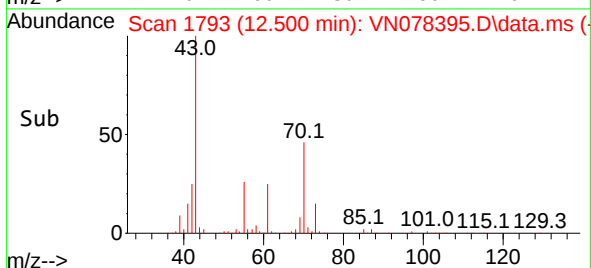
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

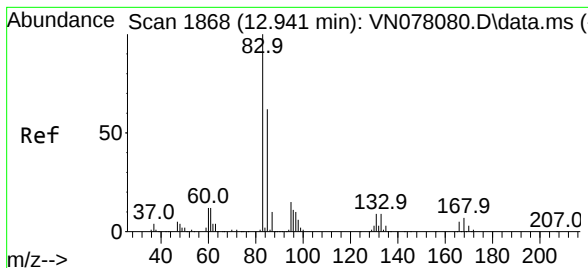


#74
N-ethyl acetate
Concen: 55.531 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



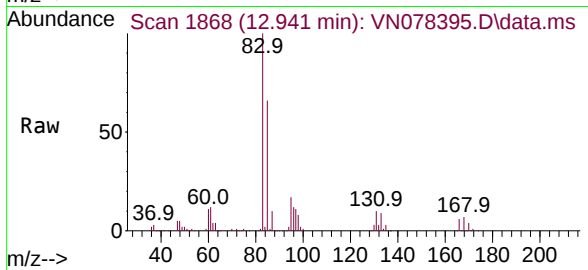
Tgt Ion: 43 Resp: 404129
Ion Ratio Lower Upper
43 100
70 45.4 43.4 65.2
55 26.5 21.4 32.0
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 61.007 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

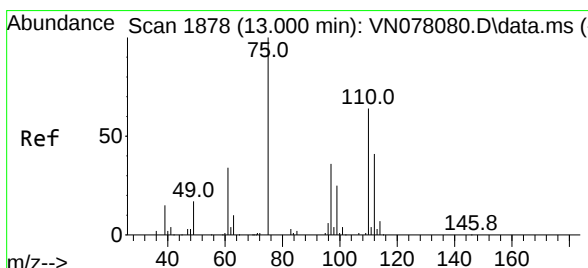
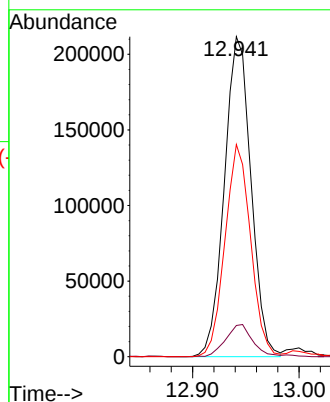
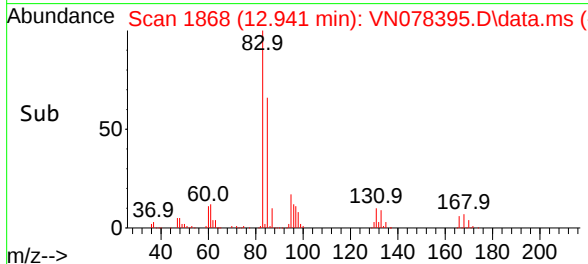
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



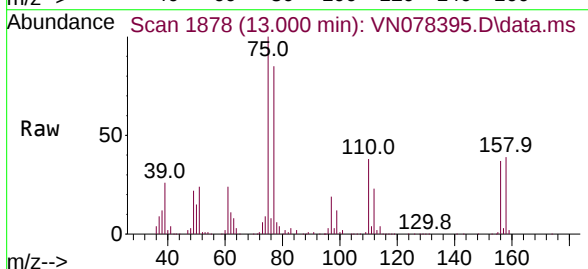
Tgt Ion: 83 Resp: 367549
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

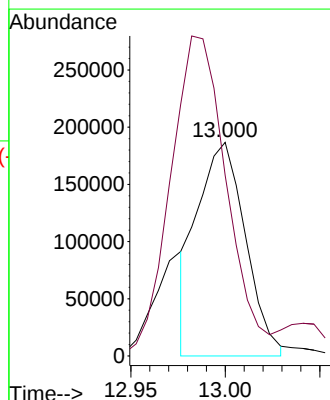
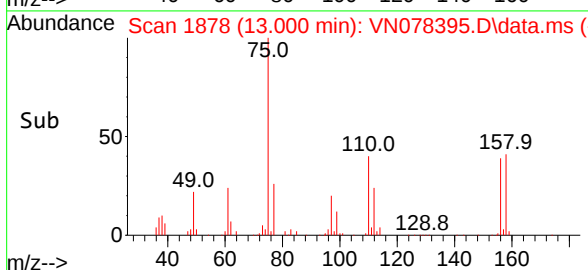
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

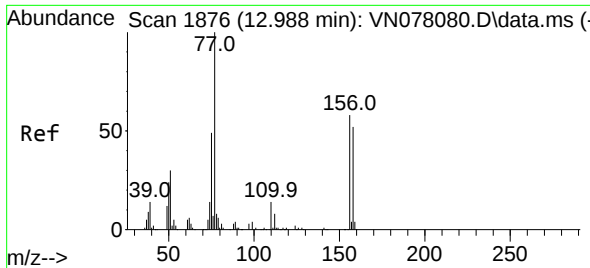


#76
1,2,3-Trichloropropane
Concen: 59.752 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



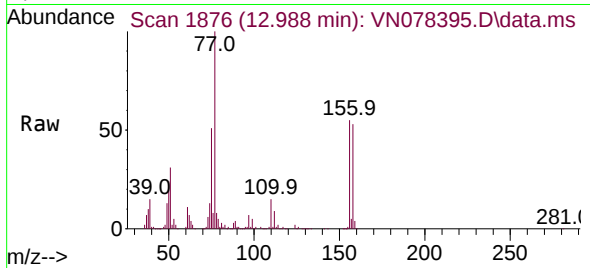
Tgt Ion: 75 Resp: 330120
Ion Ratio Lower Upper
75 100
77 174.7 84.5 253.5





#77
Bromobenzene
Concen: 53.028 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

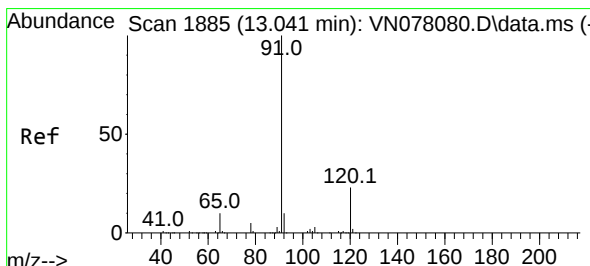
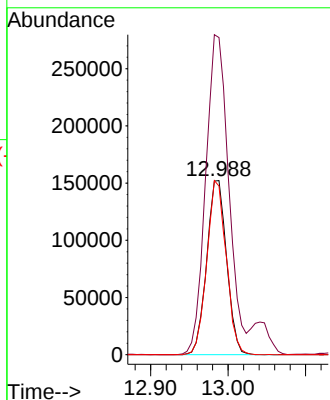
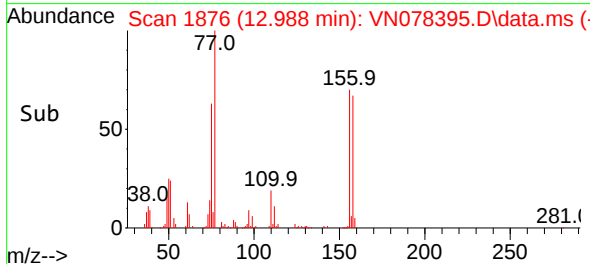
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



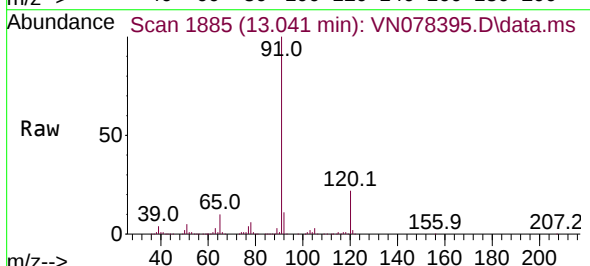
Tgt Ion:156 Resp: 272049
Ion Ratio Lower Upper
156 100
77 212.0 107.7 323.3
158 97.5 48.4 145.3

Manual Integrations
APPROVED

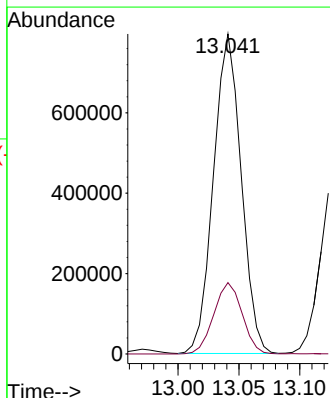
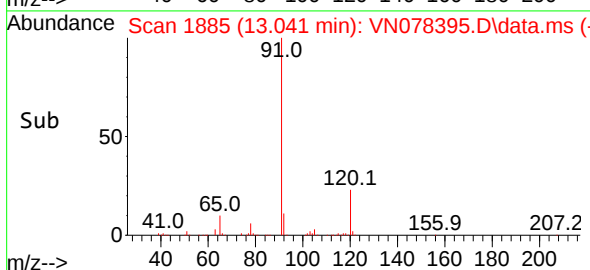
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

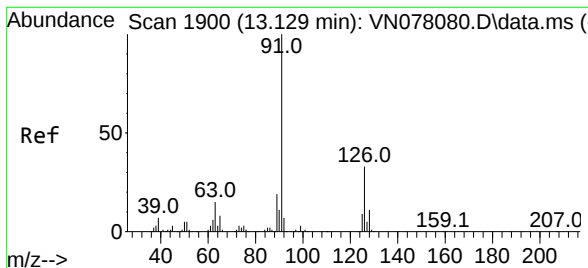


#78
n-propylbenzene
Concen: 52.538 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



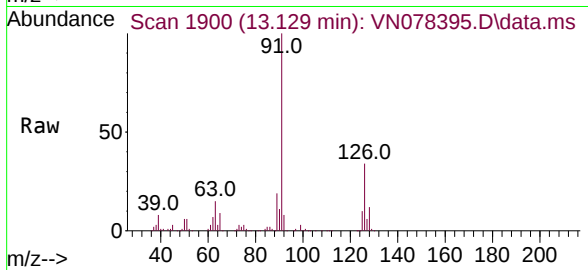
Tgt Ion: 91 Resp: 1261473
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 52.636 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

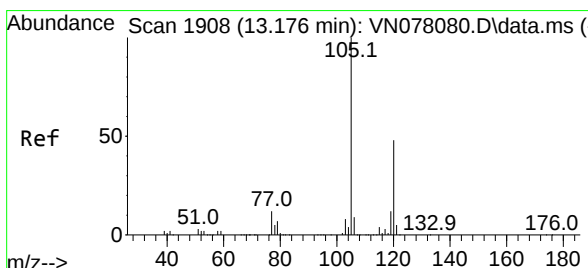
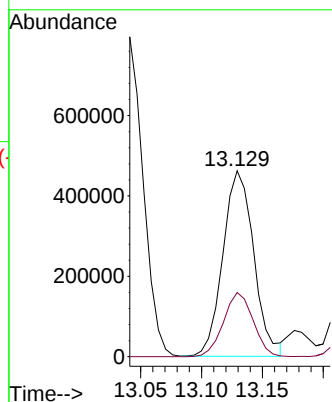
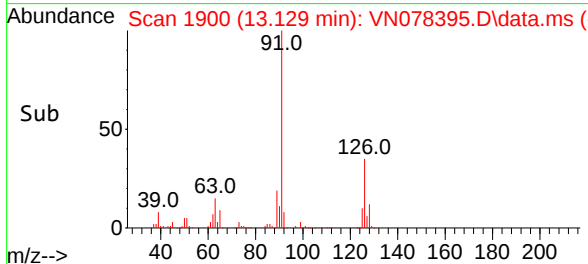
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



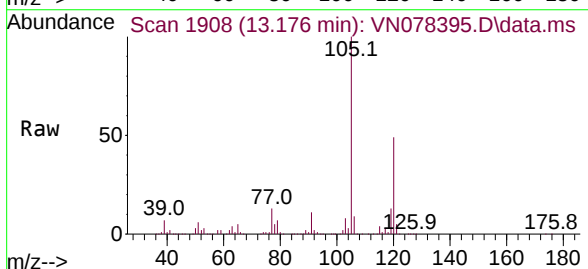
Tgt Ion: 91 Resp: 815800
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

Manual Integrations
APPROVED

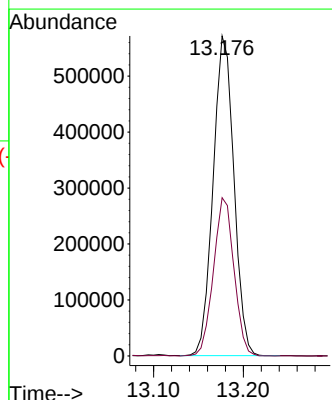
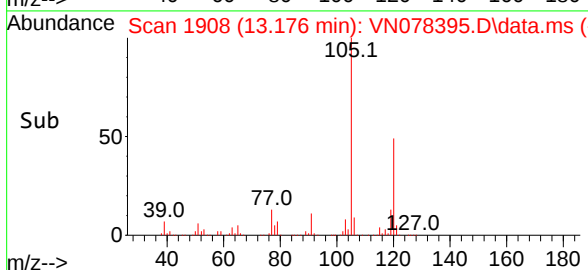
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

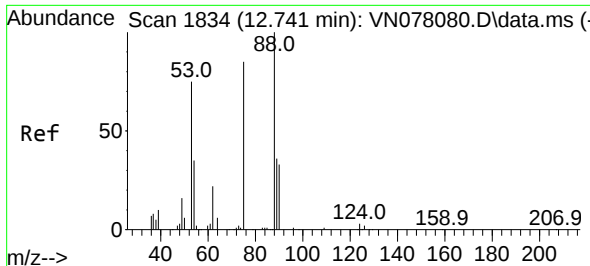


#80
1,3,5-Trimethylbenzene
Concen: 51.373 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



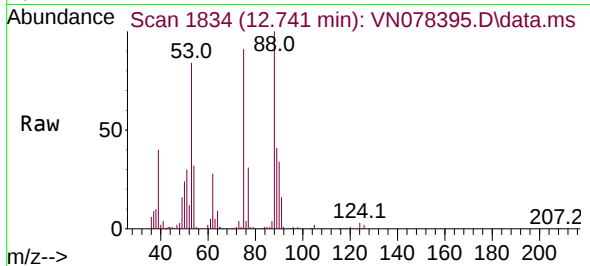
Tgt Ion:105 Resp: 919185
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 60.012 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

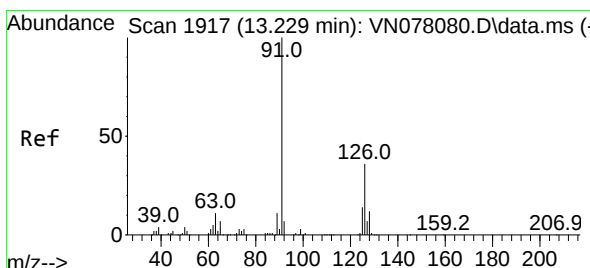
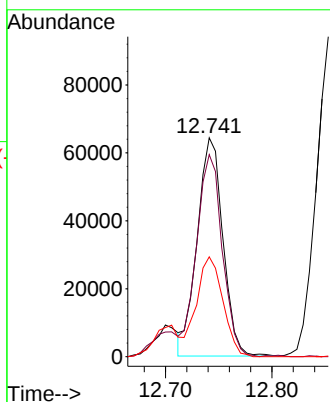
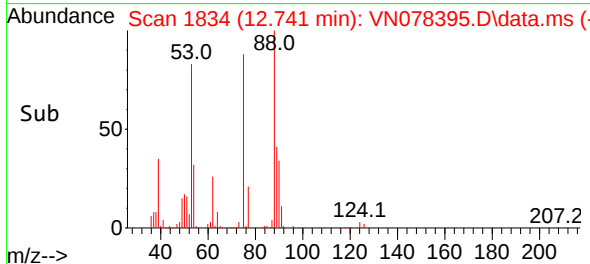
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10791
Ion Ratio Lower Upper
75 100
53 93.1 67.4 101.2
89 46.2 38.8 58.2

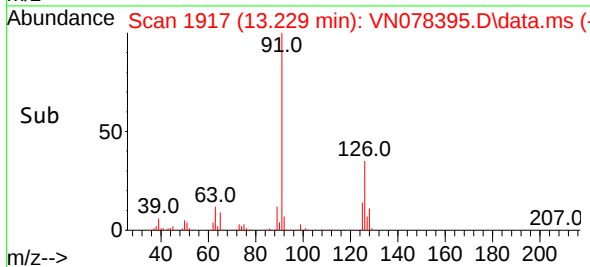
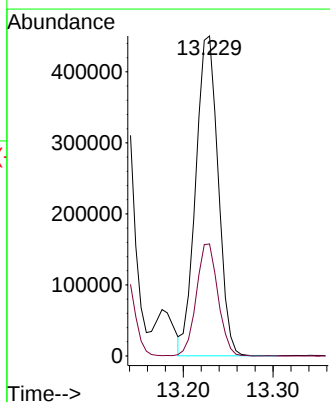
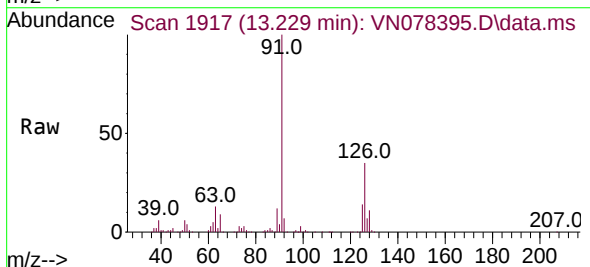
Manual Integrations
APPROVED

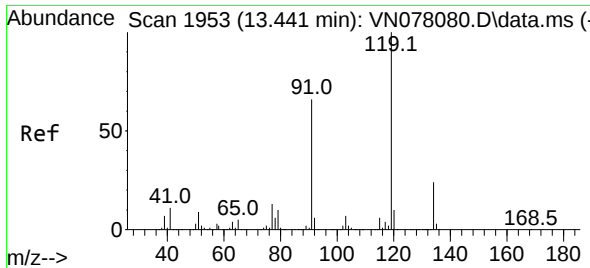
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#82
4-Chlorotoluene
Concen: 53.912 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

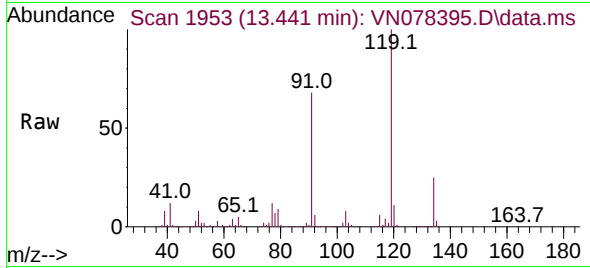
Tgt Ion: 91 Resp: 779841
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 49.078 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25

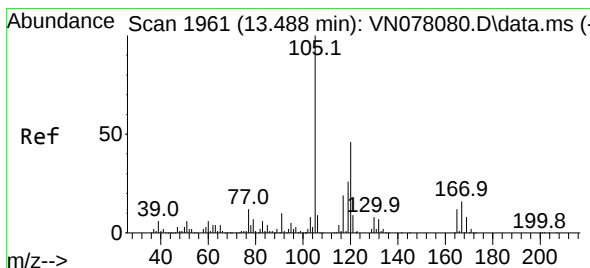
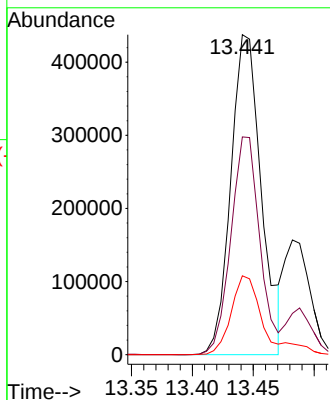
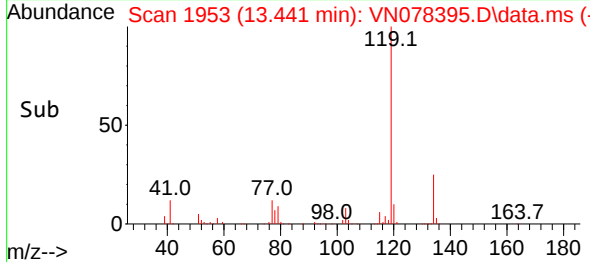
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



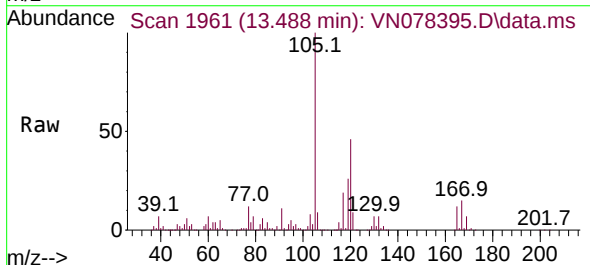
Tgt Ion:119 Resp: 763312
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.9 101.7
 134 26.0 13.2 39.6

Manual Integrations
 APPROVED

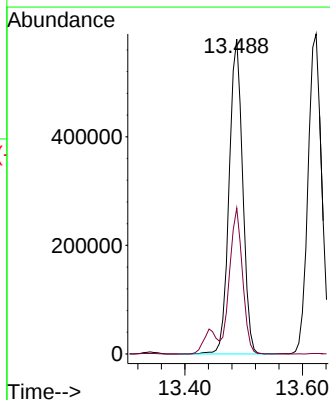
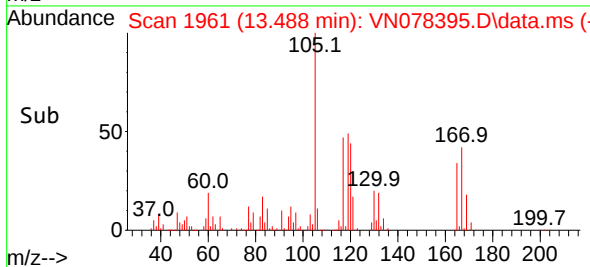
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

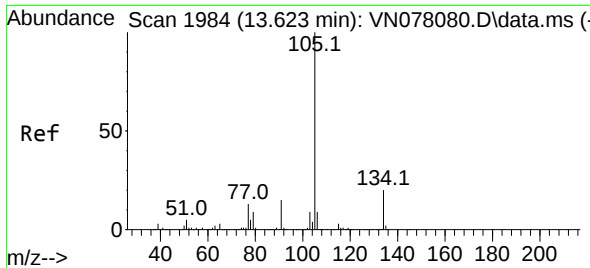


#84
 1,2,4-Trimethylbenzene
 Concen: 53.383 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25



Tgt Ion:105 Resp: 926026
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





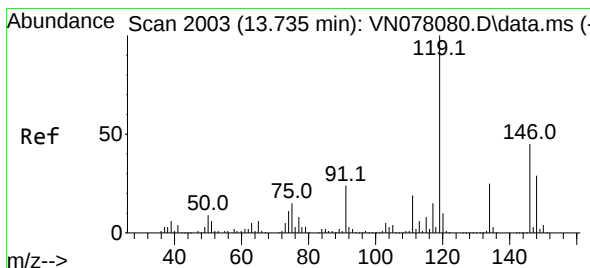
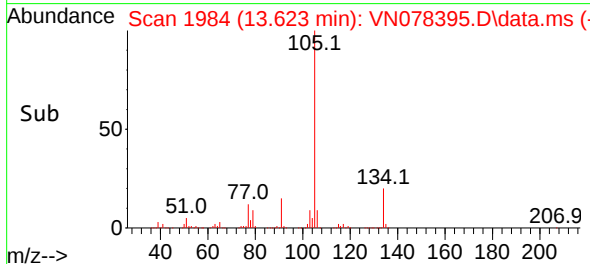
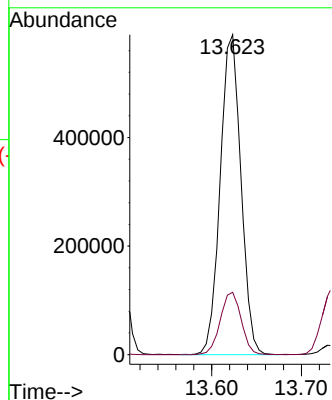
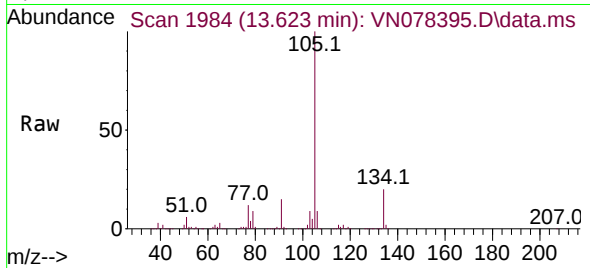
#85
 sec-Butylbenzene
 Concen: 46.414 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 944838
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

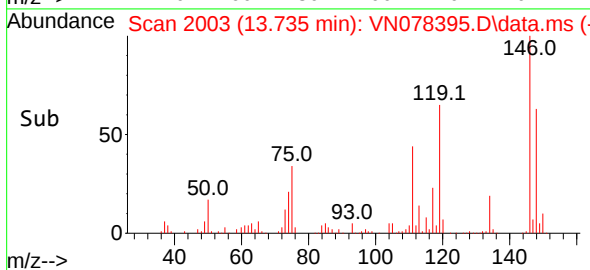
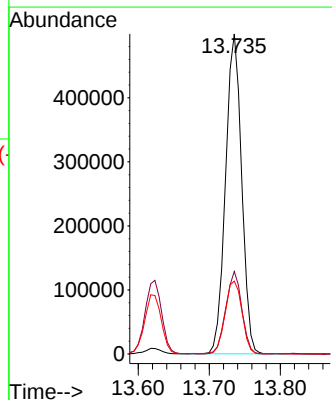
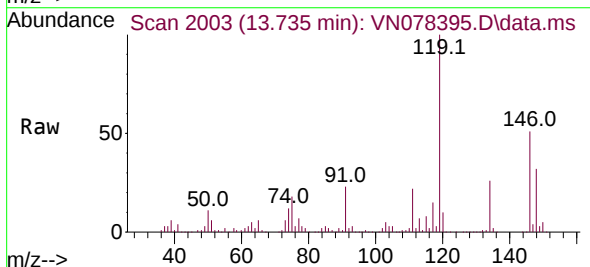
Manual Integrations
 APPROVED

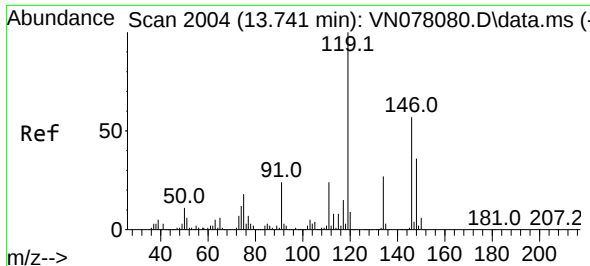
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#86
 p-Isopropyltoluene
 Concen: 47.392 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078395.D
 Acq: 24 Jun 2023 15:25

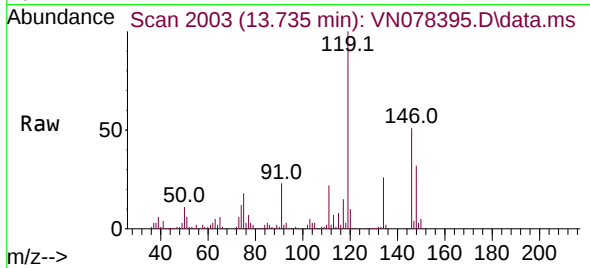
Tgt Ion:119 Resp: 782900
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.996 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

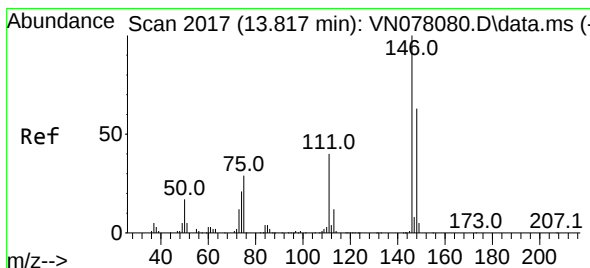
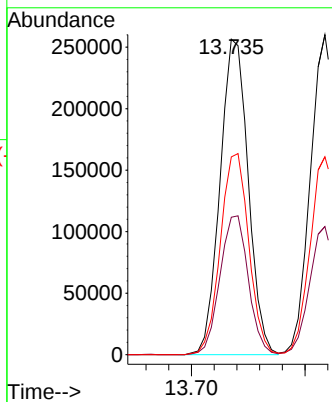
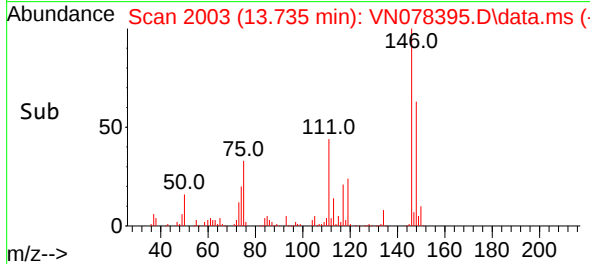
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 442528
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 64.3 32.0 96.0

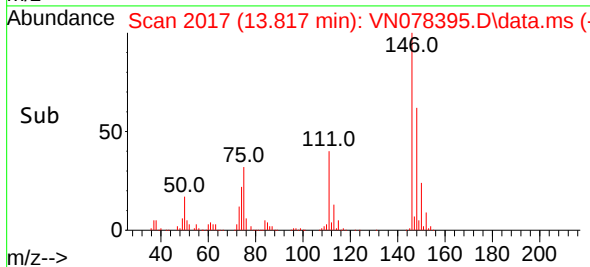
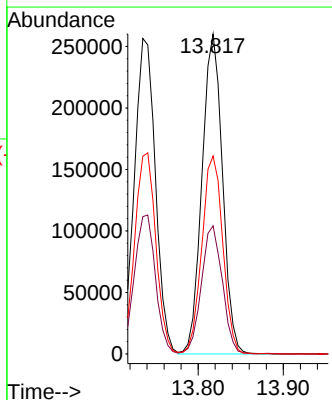
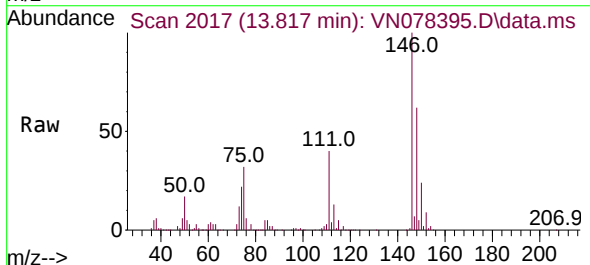
Manual Integrations
APPROVED

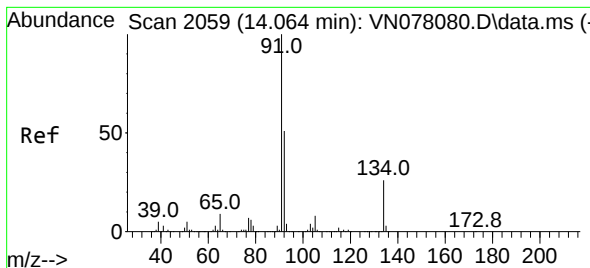
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#88
1,4-Dichlorobenzene
Concen: 51.964 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion:146 Resp: 435123
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.1 31.6 94.8





#89

n-Butylbenzene

Concen: 45.107 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

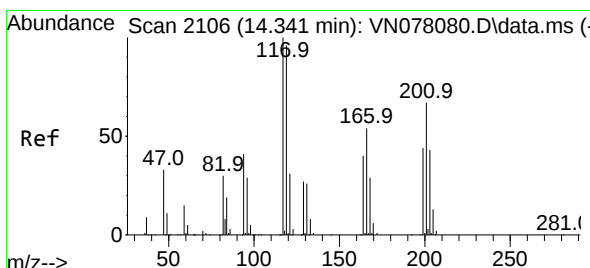
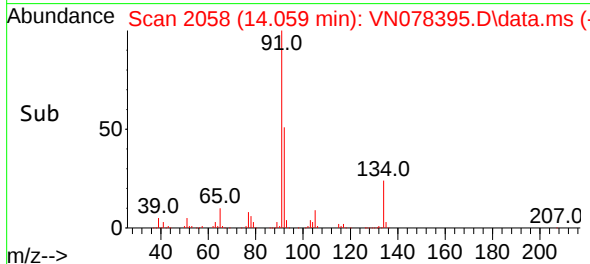
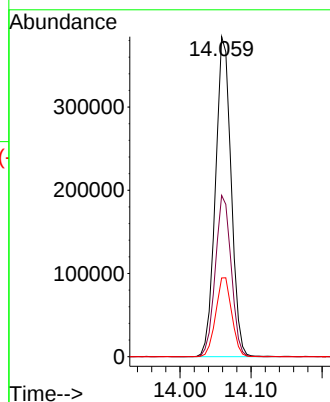
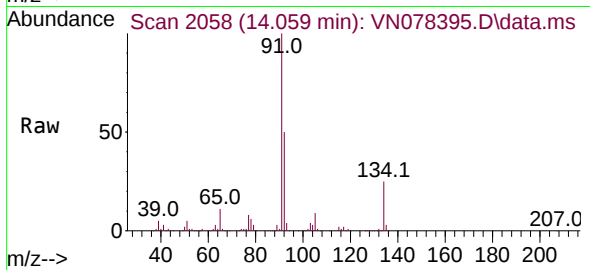
Tgt Ion:	91	Resp:	58774
Ion Ratio	Lower	Upper	
91	100		
92	51.1	26.4	79.0
134	25.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#90

Hexachloroethane

Concen: 59.125 ug/l

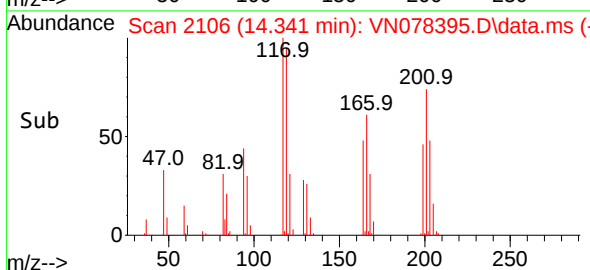
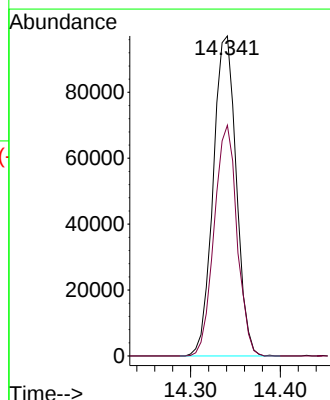
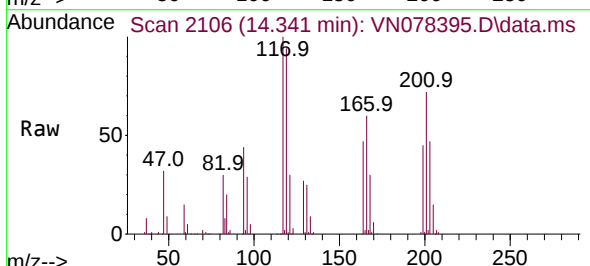
RT: 14.341 min Scan# 2106

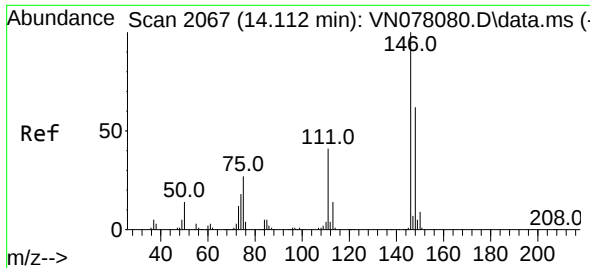
Delta R.T. -0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Tgt Ion:	117	Resp:	173334
Ion Ratio	Lower	Upper	
117	100		
201	71.3	29.3	88.0





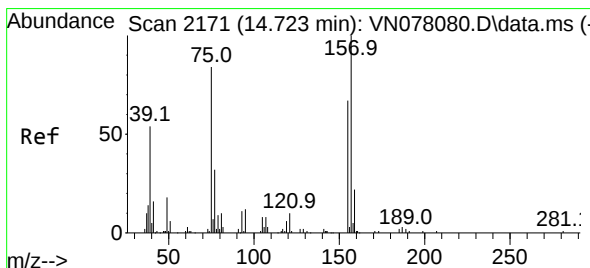
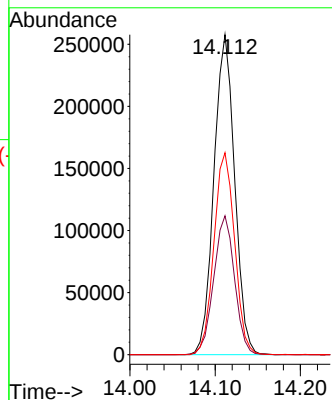
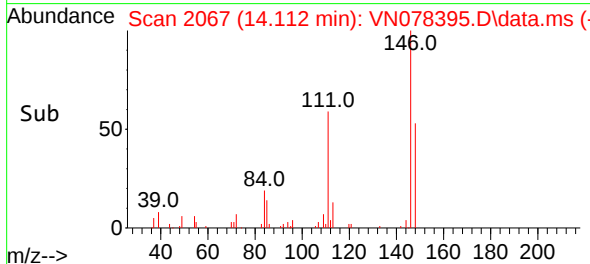
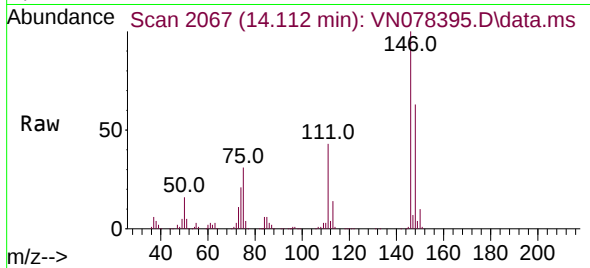
#91
1,2-Dichlorobenzene
Concen: 51.451 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 43635
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.1 31.8 95.3

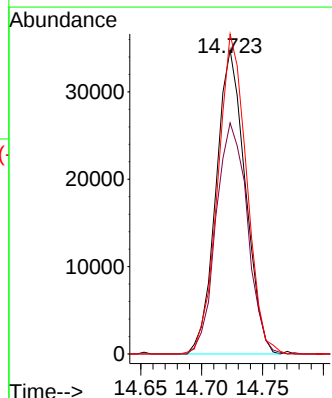
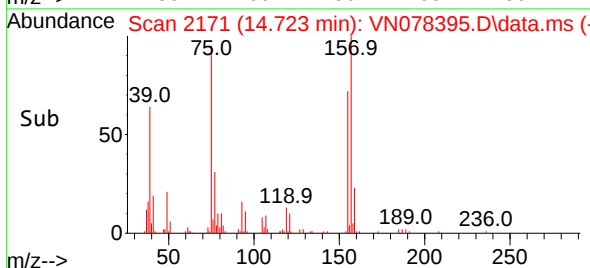
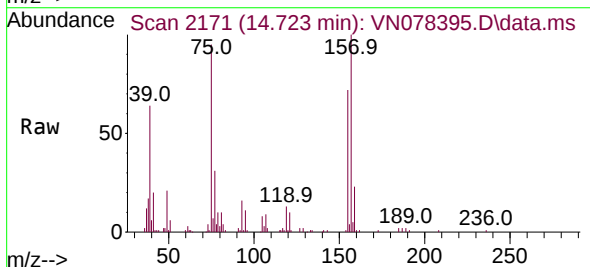
Manual Integrations
APPROVED

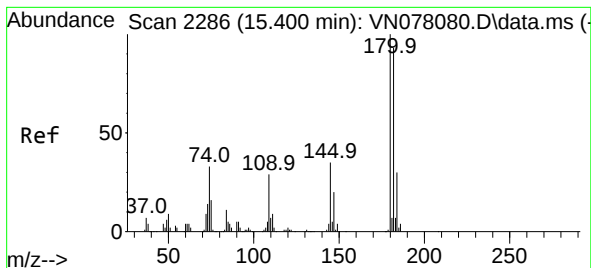
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.099 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

Tgt Ion: 75 Resp: 58125
Ion Ratio Lower Upper
75 100
155 81.5 39.1 117.2
157 103.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.784 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 135320

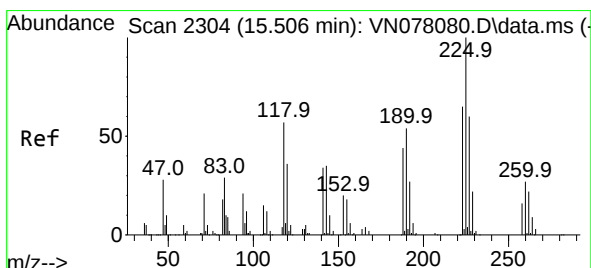
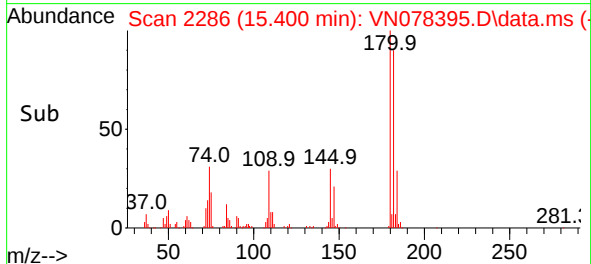
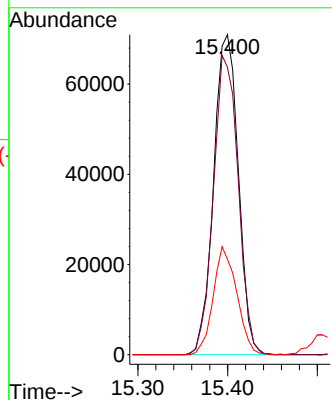
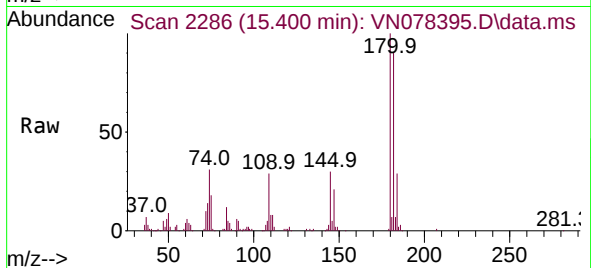
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.1	138.2
145	32.2	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#94

Hexachlorobutadiene

Concen: 47.822 ug/l

RT: 15.506 min Scan# 2304

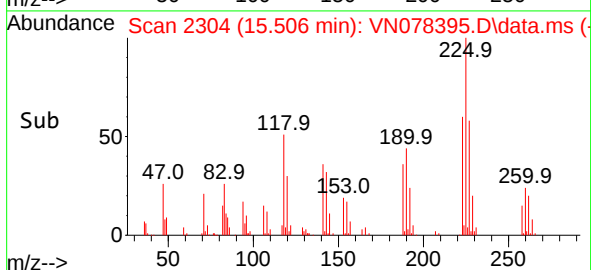
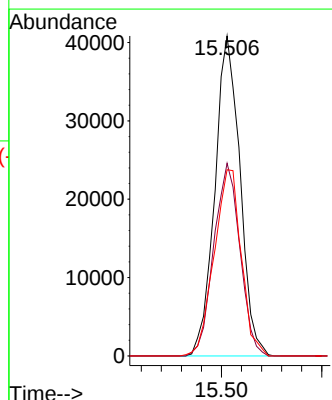
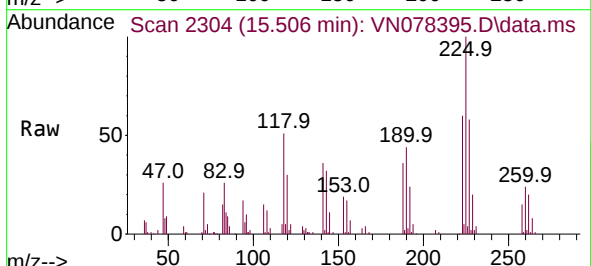
Delta R.T. -0.000 min

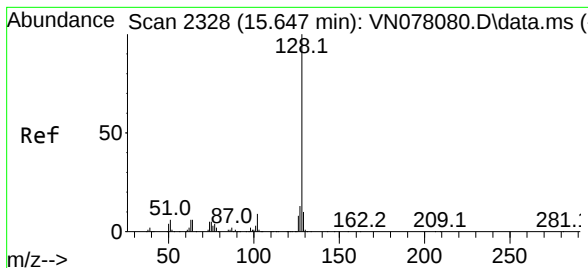
Lab File: VN078395.D

Acq: 24 Jun 2023 15:25

Tgt Ion:225 Resp: 71005

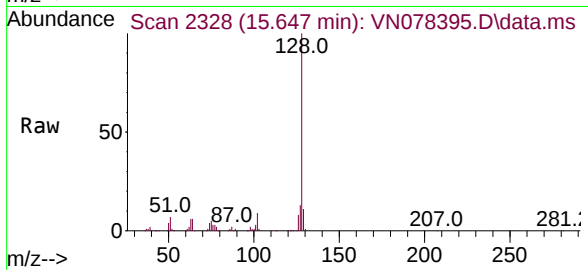
Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	62.6	31.9	95.9





#95
Naphthalene
Concen: 43.216 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25

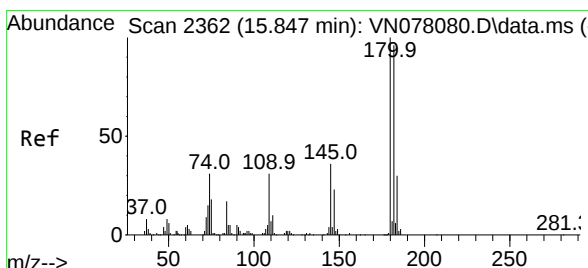
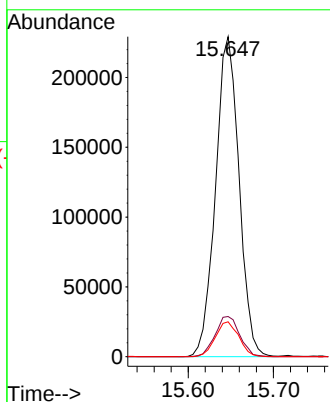
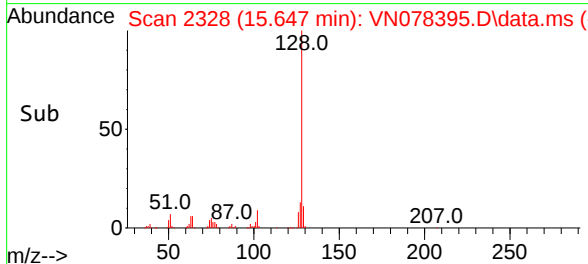
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



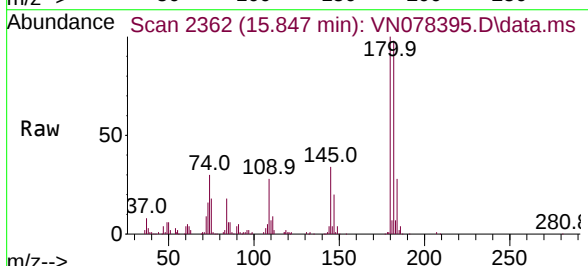
Tgt Ion:128 Resp: 439259
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 43.344 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078395.D
Acq: 24 Jun 2023 15:25



Tgt Ion:180 Resp: 146484
Ion Ratio Lower Upper
180 100
182 95.7 46.2 138.6
145 35.3 17.5 52.6

