

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078397.D
 Acq On : 26 Jun 2023 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 02:09:03 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	419833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	737563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	652686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	257321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288952	51.620	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.177	113	247031	52.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	10.571	98	899357	50.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.853	95	298104	53.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	190381	40.116	ug/l	99
3) Chloromethane	2.371	50	278905	62.941	ug/l	98
4) Vinyl Chloride	2.518	62	334149	53.770	ug/l	99
5) Bromomethane	2.947	94	236732	50.407	ug/l	99
6) Chloroethane	3.118	64	239190	56.462	ug/l	98
7) Trichlorofluoromethane	3.500	101	408613	48.488	ug/l	100
8) Diethyl Ether	3.971	74	140803	47.552	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	226658	50.964	ug/l	98
10) Methyl Iodide	4.594	142	305868	48.631	ug/l	97
11) Tert butyl alcohol	5.536	59	188099	243.361	ug/l	100
12) 1,1-Dichloroethene	4.347	96	221027	48.211	ug/l	91
13) Acrolein	4.183	56	266392	312.718	ug/l	97
14) Allyl chloride	5.036	41	292600	52.284	ug/l	93
15) Acrylonitrile	5.730	53	547886	274.945	ug/l	100
16) Acetone	4.436	43	423076	262.582	ug/l	96
17) Carbon Disulfide	4.718	76	592818	50.237	ug/l	99
18) Methyl Acetate	5.036	43	380831	51.339	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	748972	51.203	ug/l	94
20) Methylene Chloride	5.283	84	261915	49.192	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	251842	50.931	ug/l	91
22) Diisopropyl ether	6.683	45	718530	54.583	ug/l	95
23) Vinyl Acetate	6.612	43	2162280	276.320	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	464250	53.460	ug/l	98
25) 2-Butanone	7.494	43	677926	273.611	ug/l	88
26) 2,2-Dichloropropane	7.500	77	377700	58.905	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	292557	49.601	ug/l	93
28) Bromochloromethane	7.818	49	210332	52.752	ug/l	90
29) Tetrahydrofuran	7.847	42	445694	269.081	ug/l	86
30) Chloroform	7.971	83	502793	53.768	ug/l	91
31) Cyclohexane	8.265	56	354172	49.324	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	446445	54.381	ug/l	97
36) 1,1-Dichloropropene	8.377	75	363435	54.331	ug/l	97
37) Ethyl Acetate	7.571	43	286633	54.851	ug/l #	95
38) Carbon Tetrachloride	8.365	117	393715	55.742	ug/l	98
39) Methylcyclohexane	9.606	83	322063	46.458	ug/l	94
40) Benzene	8.612	78	1100261	55.095	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	154229	54.450	ug/l	91
42) 1,2-Dichloroethane	8.677	62	372860	54.454	ug/l	98
43) Isopropyl Acetate	8.694	43	506778	50.709	ug/l	95
44) Trichloroethene	9.359	130	277244	52.569	ug/l	97
45) 1,2-Dichloropropane	9.629	63	277971	55.945	ug/l	90
46) Dibromomethane	9.712	93	198225	54.164	ug/l	95
47) Bromodichloromethane	9.894	83	389500	57.296	ug/l	96
48) Methyl methacrylate	9.688	41	233721	55.728	ug/l	91
49) 1,4-Dioxane	9.700	88	96223	1091.608	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1497490	284.551	ug/l	93
52) Toluene	10.635	92	693818	55.027	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	417153	58.922	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	447196	57.141	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	269586	56.520	ug/l	96
56) Ethyl methacrylate	10.882	69	389212	56.041	ug/l	91
57) 1,3-Dichloropropane	11.170	76	453849	56.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	770412	274.597	ug/l	92
59) 2-Hexanone	11.200	43	1060944	289.533	ug/l	91
60) Dibromochloromethane	11.365	129	296530	56.814	ug/l	99
61) 1,2-Dibromoethane	11.476	107	275394	55.018	ug/l	99
64) Tetrachloroethene	11.112	164	224109	51.469	ug/l	94
65) Chlorobenzene	11.900	112	726570	51.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	281889	54.832	ug/l	97
67) Ethyl Benzene	11.970	91	1297059	53.779	ug/l	99
68) m/p-Xylenes	12.076	106	986557	107.334	ug/l	98
69) o-Xylene	12.406	106	482421	53.447	ug/l	97
70) Styrene	12.417	104	785501	55.278	ug/l	98
71) Bromoform	12.582	173	187804	56.607	ug/l #	99
73) Isopropylbenzene	12.700	105	1160189	47.679	ug/l	99
74) N-amyl acetate	12.500	43	410813	51.268	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	373016	56.031	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	298329m	49.042	ug/l	
77) Bromobenzene	12.988	156	276397	48.932	ug/l	99
78) n-propylbenzene	13.041	91	1329850	50.302	ug/l	100
79) 2-Chlorotoluene	13.129	91	848287	49.708	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	954955	48.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	110792	55.956	ug/l	94
82) 4-Chlorotoluene	13.229	91	805528	50.576	ug/l	99
83) tert-Butylbenzene	13.447	119	778585	45.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	949791	49.727	ug/l	99
85) sec-Butylbenzene	13.623	105	982818	43.848	ug/l	98
86) p-Isopropyltoluene	13.735	119	809776	44.520	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	469732	49.162	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	456168	49.477	ug/l	99
89) n-Butylbenzene	14.059	91	601190	41.904	ug/l	98
90) Hexachloroethane	14.341	117	152695	47.305	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	460661	49.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59842	49.650	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	139348	41.883	ug/l	98
94) Hexachlorobutadiene	15.506	225	75386	46.011	ug/l	97
95) Naphthalene	15.647	128	450297	40.235	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	154495	41.519	ug/l	96

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ClientSampleId :
VSTDCCC050

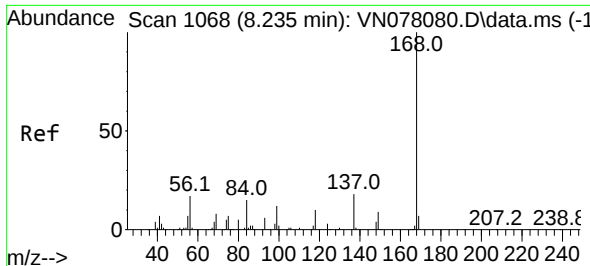
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 02:09:03 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

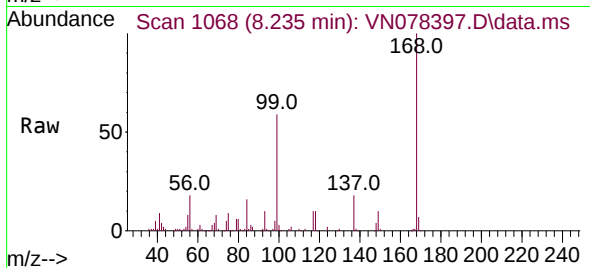
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078397.D
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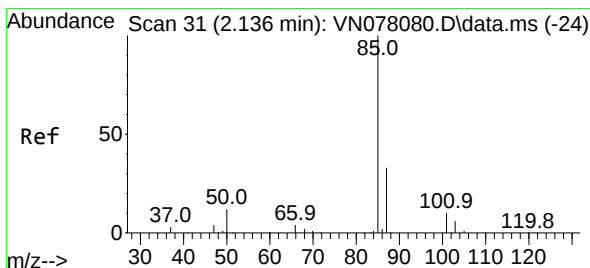
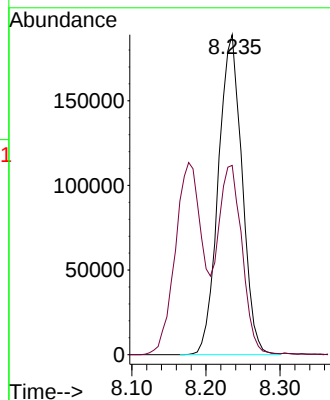
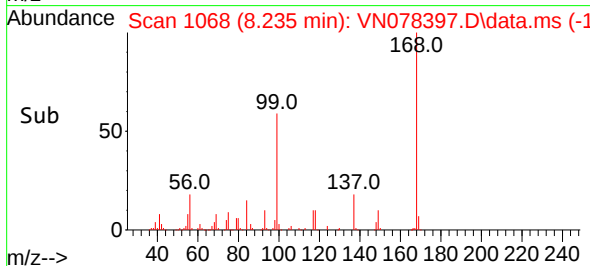
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



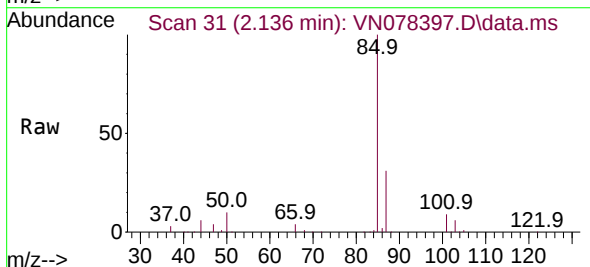
Tgt Ion:168 Resp: 41983
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6

Manual Integrations
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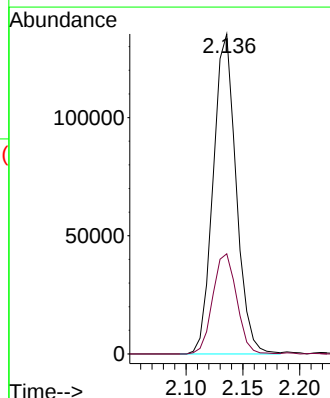
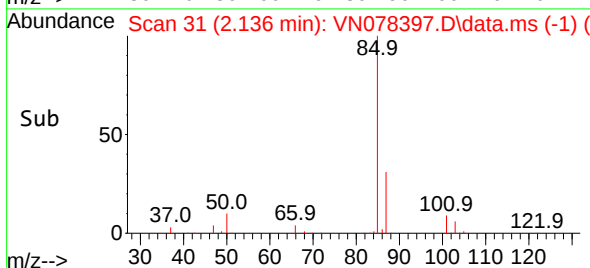
Reviewed By :John Carlone 06/27/2023
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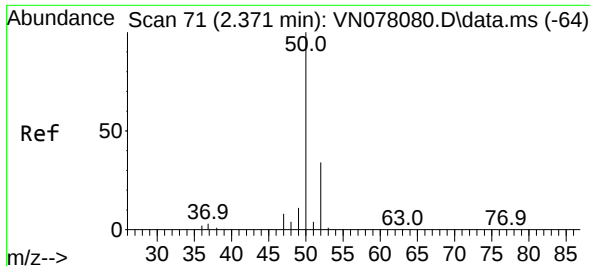


#2
Dichlorodifluoromethane
Concen: 40.116 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



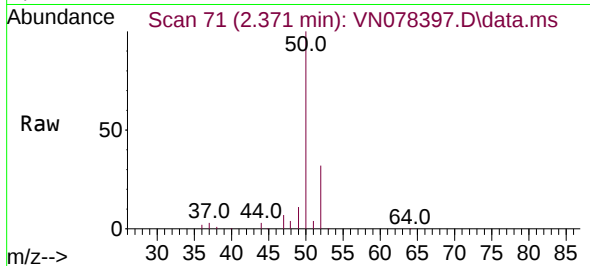
Tgt Ion: 85 Resp: 190381
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 62.941 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

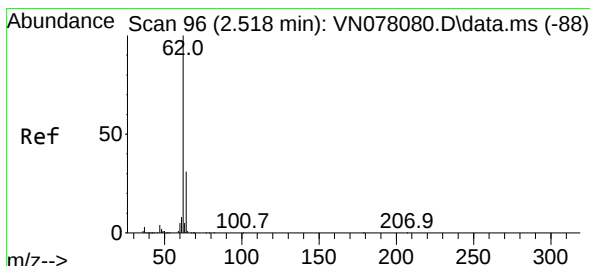
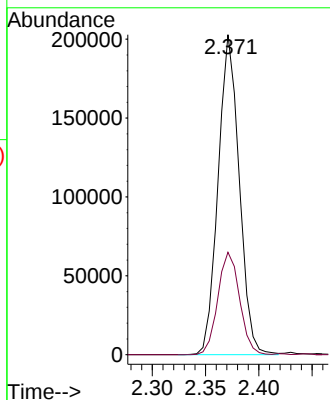
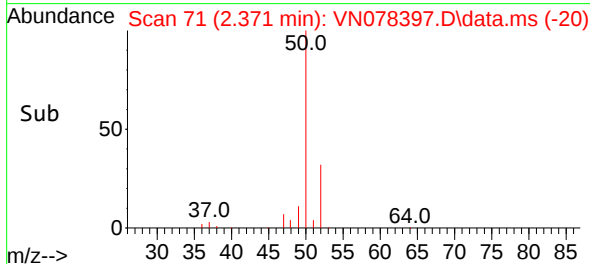
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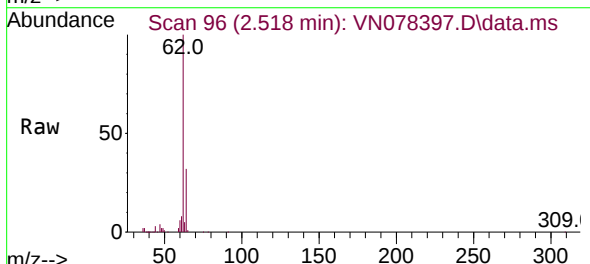
Tgt Ion: 50 Resp: 27890
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

Manual Integrations
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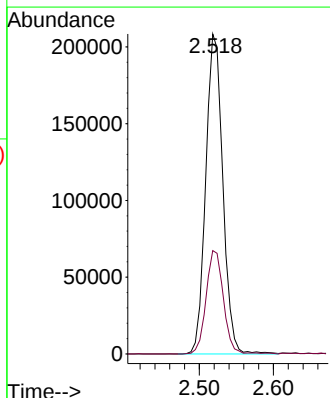
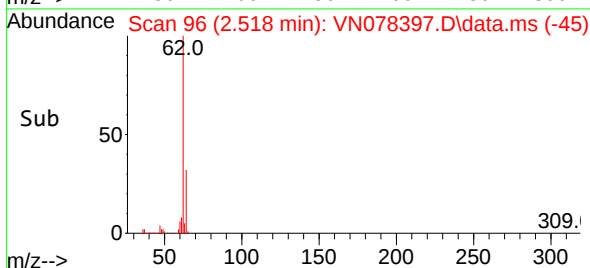
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

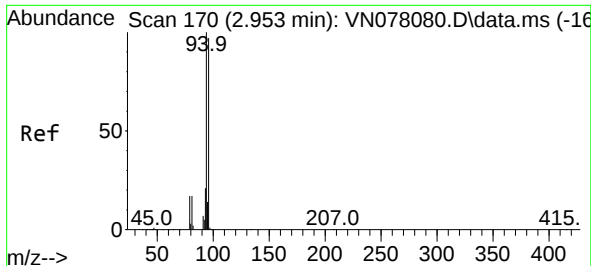


#4
Vinyl Chloride
Concen: 53.770 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



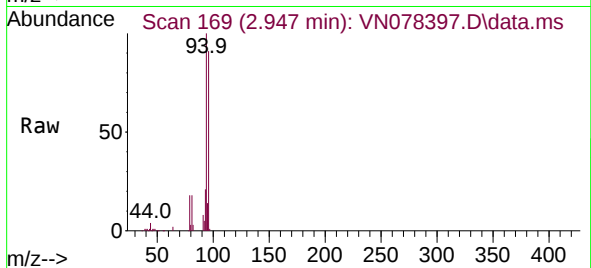
Tgt Ion: 62 Resp: 334149
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 50.407 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078397.D
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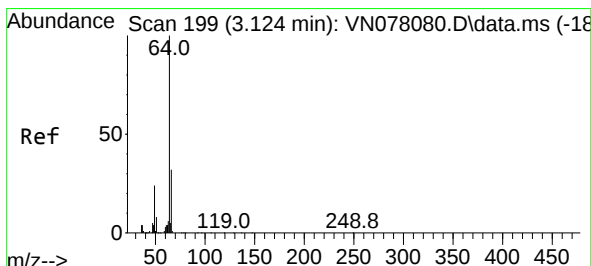
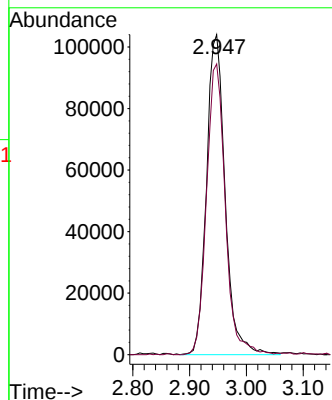
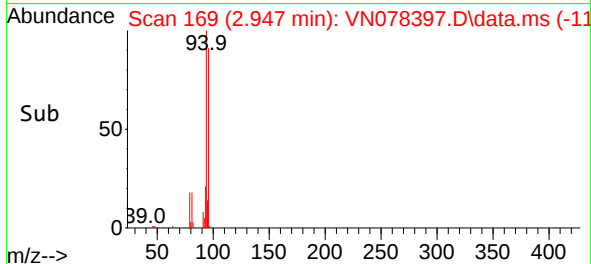
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Tgt Ion: 94 Resp: 236732
Ion Ratio Lower Upper
94 100
96 90.9 73.1 109.7

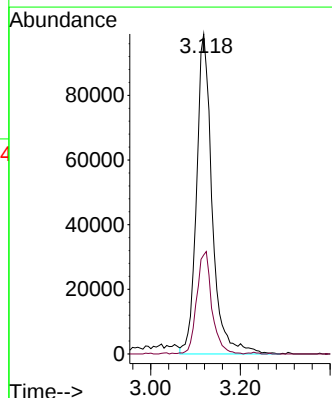
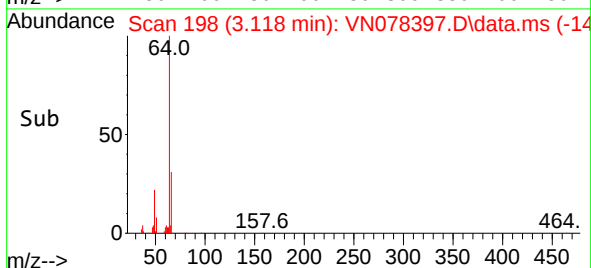
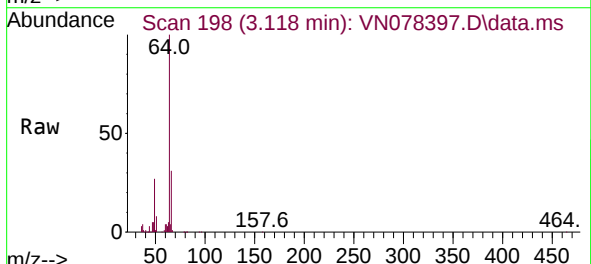
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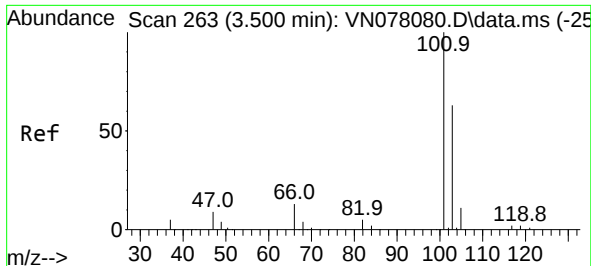
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#6
Chloroethane
Concen: 56.462 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078397.D
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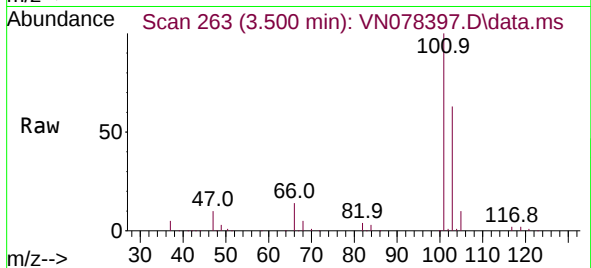
Tgt Ion: 64 Resp: 239190
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.488 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

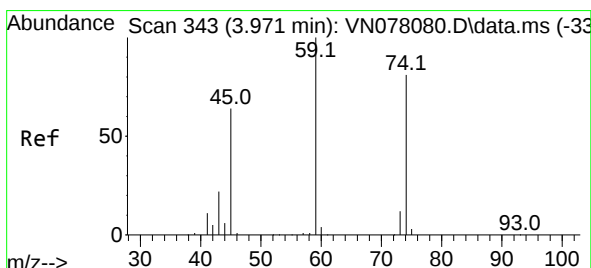
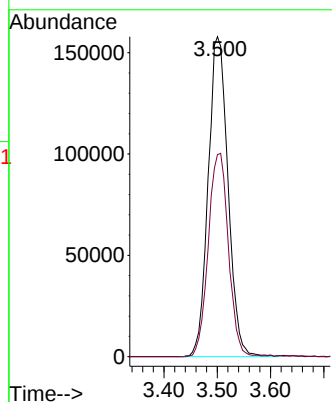
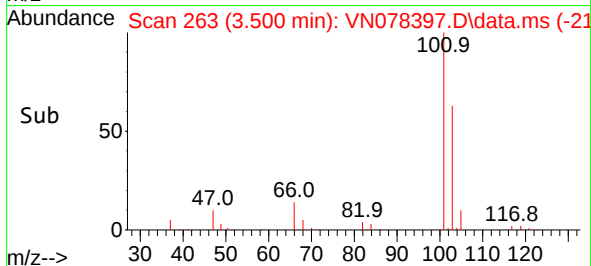
Instrument :
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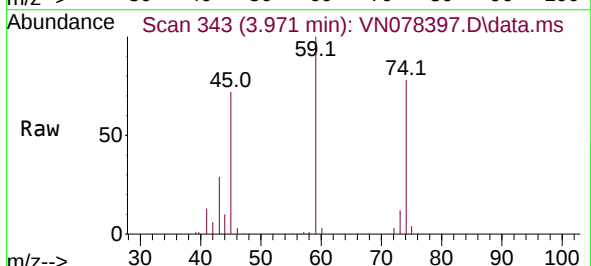
Tgt Ion:101 Resp: 40861
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1

Manual Integrations
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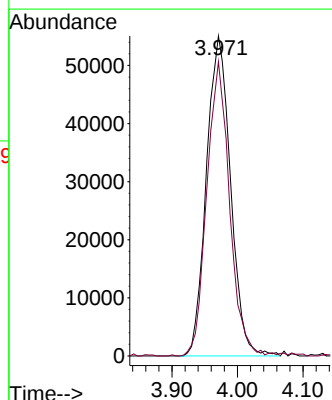
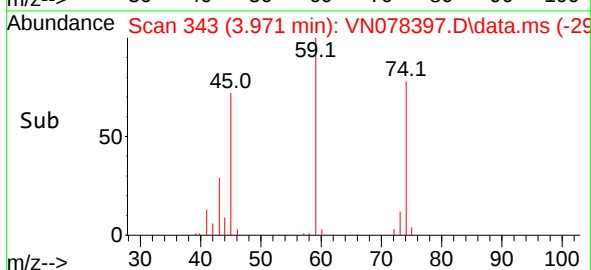
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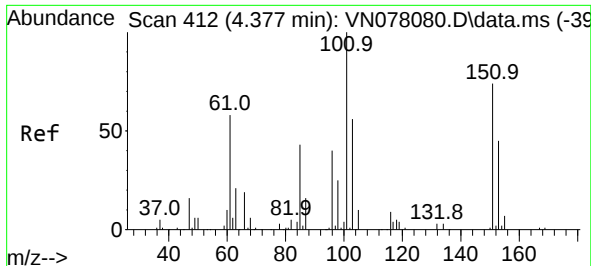


#8
Diethyl Ether
Concen: 47.552 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078397.D
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Tgt Ion: 74 Resp: 140803
Ion Ratio Lower Upper
74 100
45 86.5 34.4 103.3





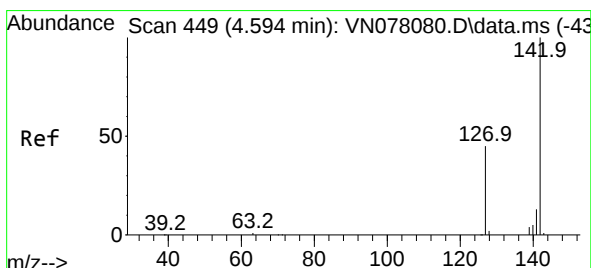
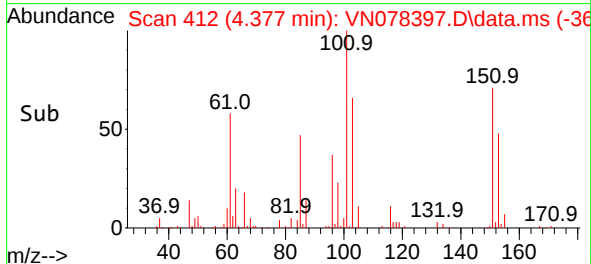
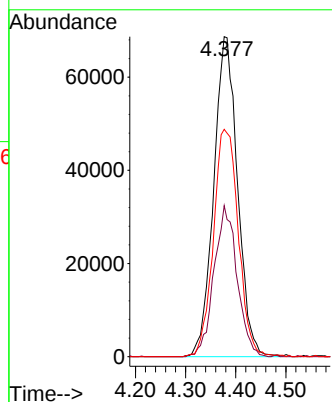
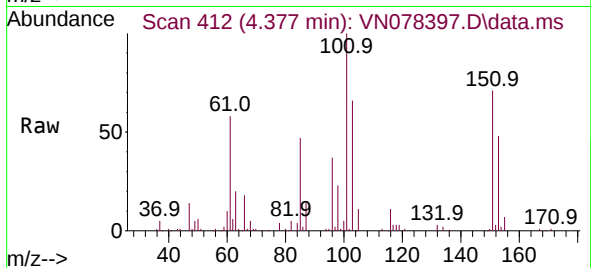
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.964 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 226658
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 74.5 57.6 86.4

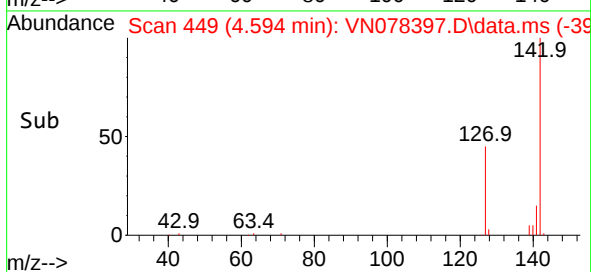
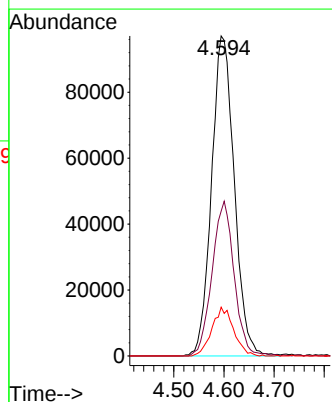
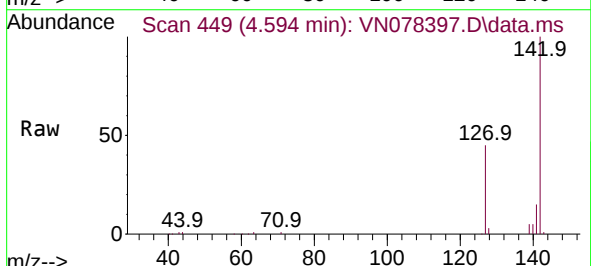
Manual Integrations
APPROVED

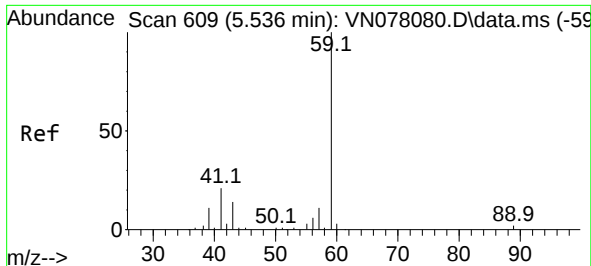
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#10
Methyl Iodide
Concen: 48.631 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

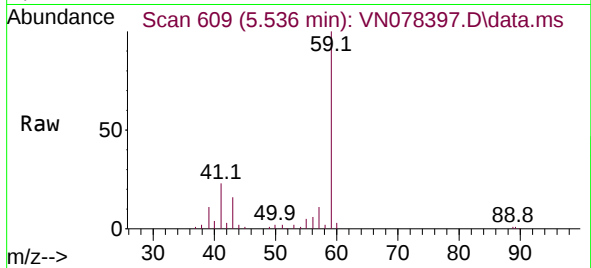
Tgt Ion:142 Resp: 305868
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 243.361 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

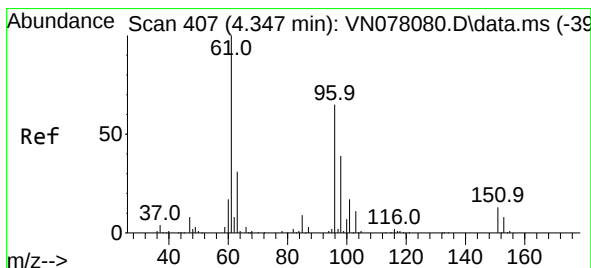
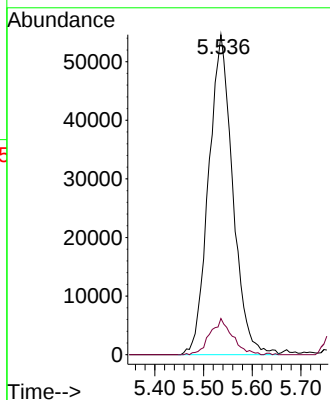
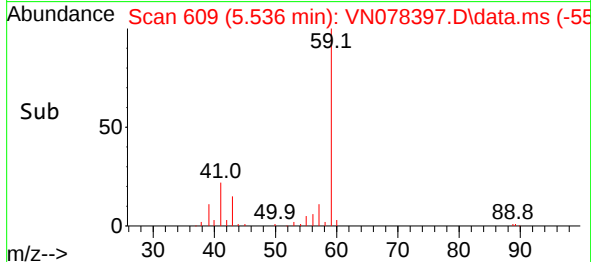
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



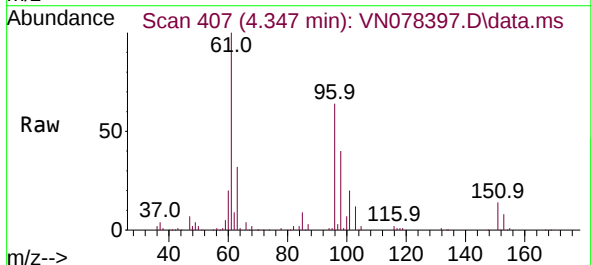
Tgt Ion: 59 Resp: 188099
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

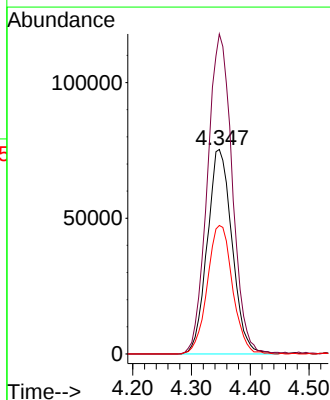
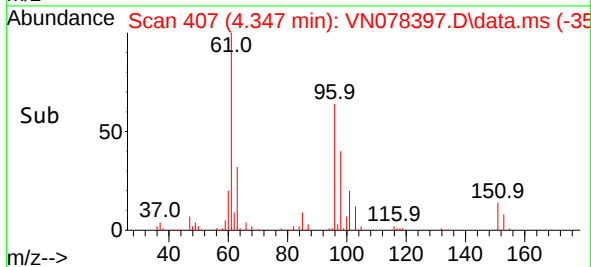
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#12
1,1-Dichloroethene
Concen: 48.211 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion: 96 Resp: 221027
Ion Ratio Lower Upper
96 100
61 156.5 112.7 169.1
98 62.8 51.2 76.8





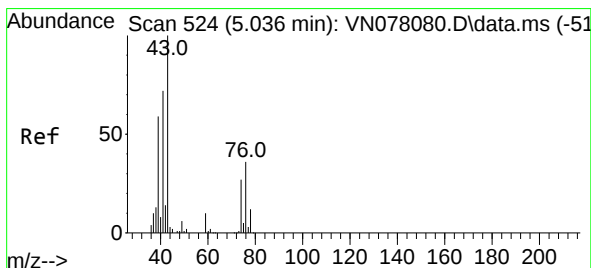
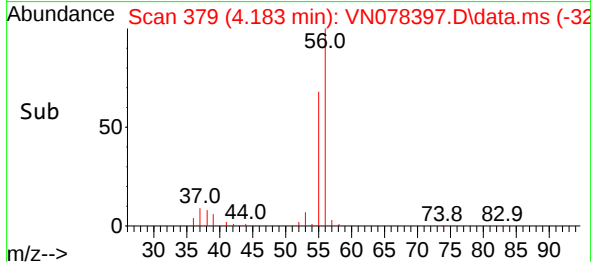
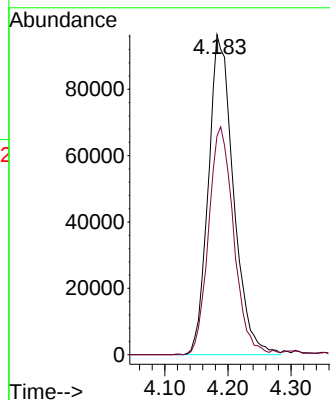
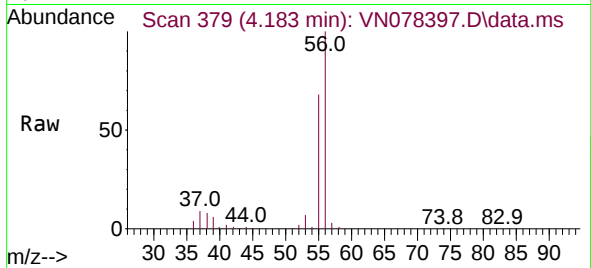
#13
Acrolein
Concen: 312.718 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 266392
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

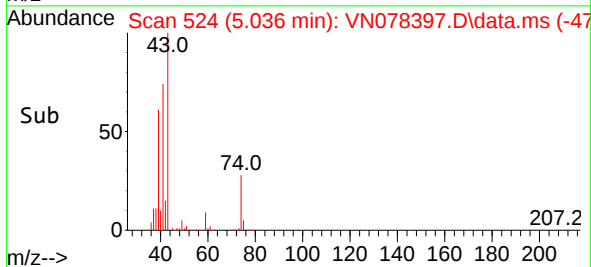
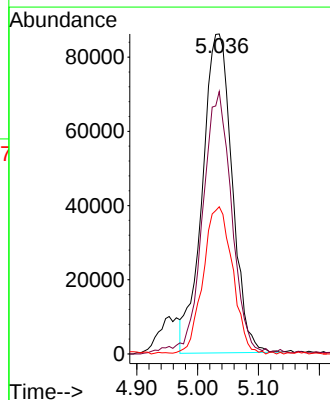
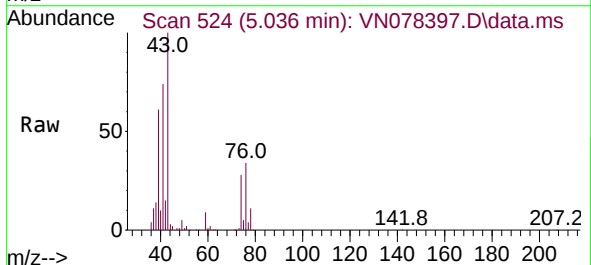
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#14
Allyl chloride
Concen: 52.284 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

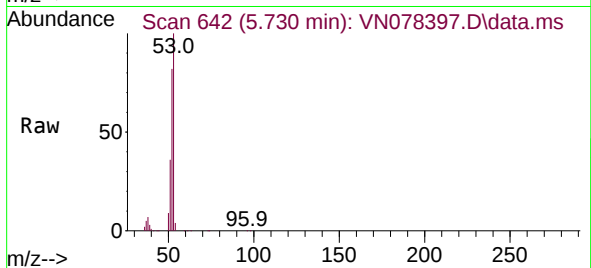
Tgt Ion: 41 Resp: 292600
Ion Ratio Lower Upper
41 100
39 80.7 58.8 88.2
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 274.945 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

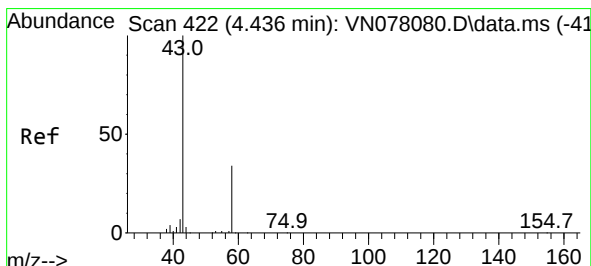
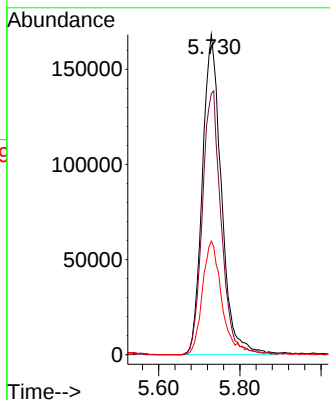
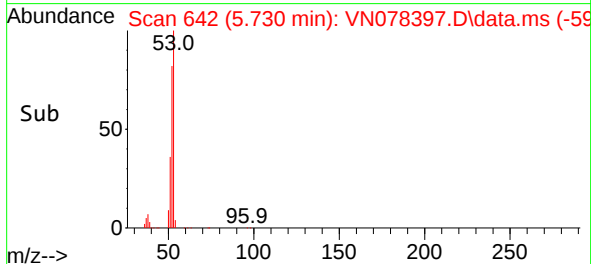
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 547880
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 36.7 28.9 43.3

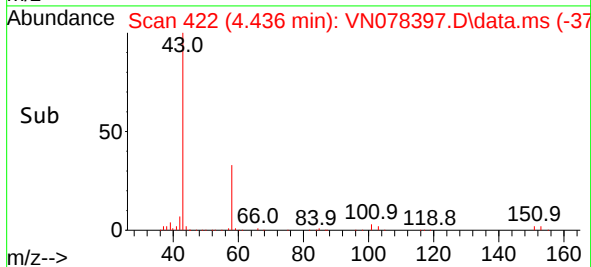
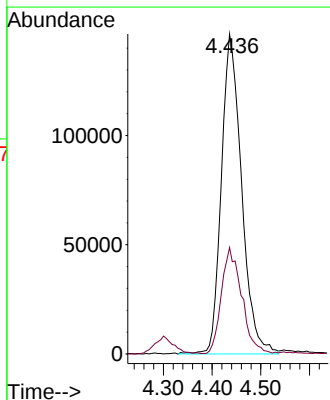
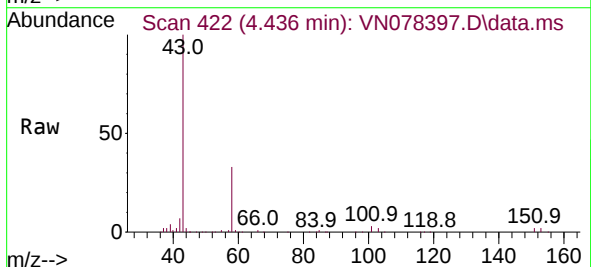
Manual Integrations
APPROVED

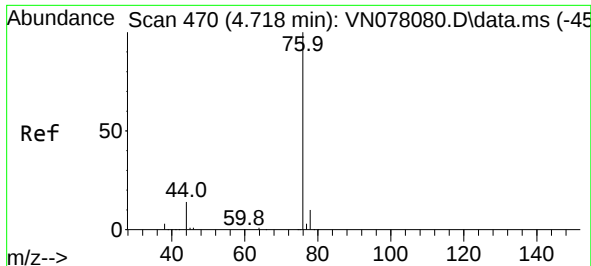
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#16
Acetone
Concen: 262.582 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

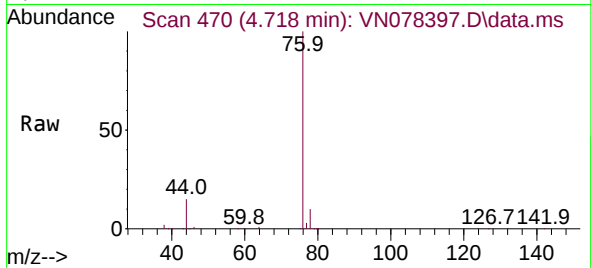
Tgt Ion: 43 Resp: 423076
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0





#17
Carbon Disulfide
Concen: 50.237 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

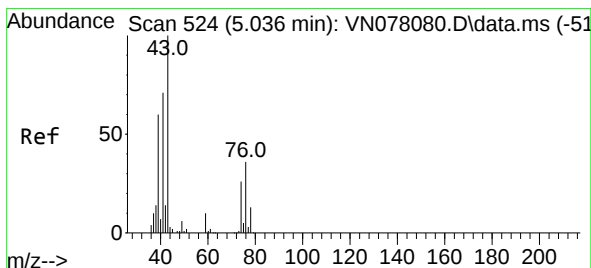
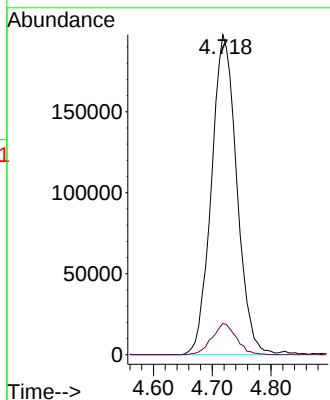
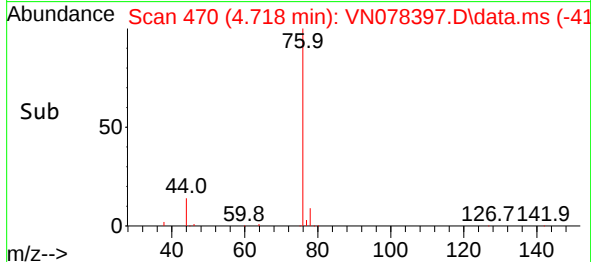
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 592818
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

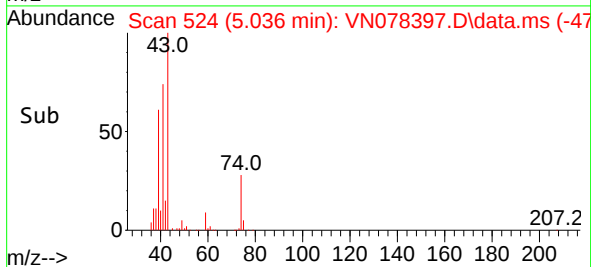
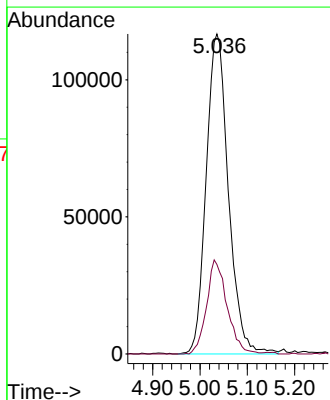
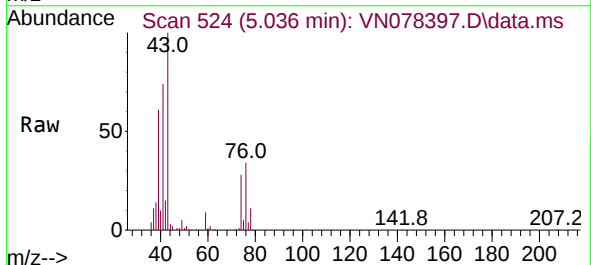
Manual Integrations
APPROVED

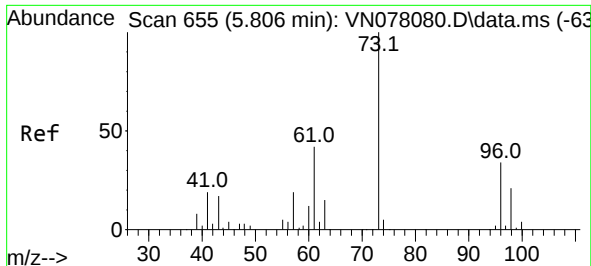
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#18
Methyl Acetate
Concen: 51.339 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

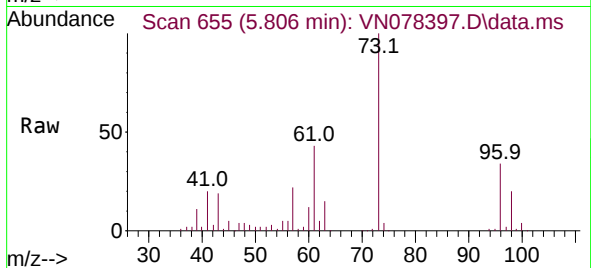
Tgt Ion: 43 Resp: 380831
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.203 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

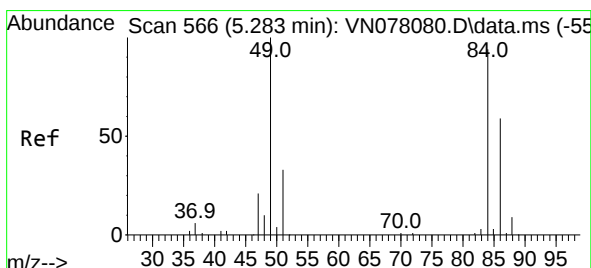
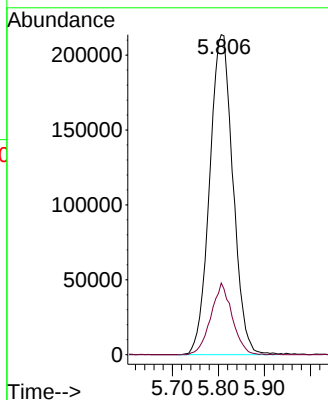
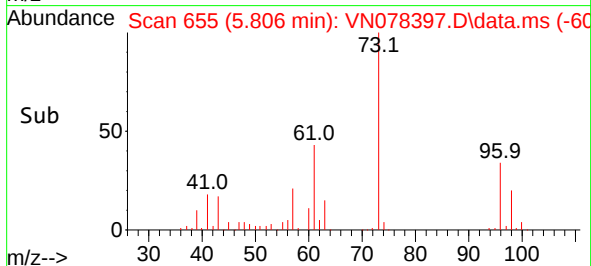
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



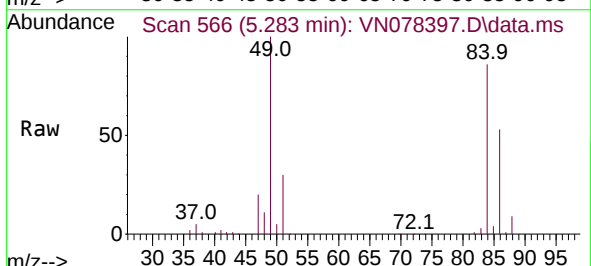
Tgt Ion: 73 Resp: 748972
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

Manual Integrations
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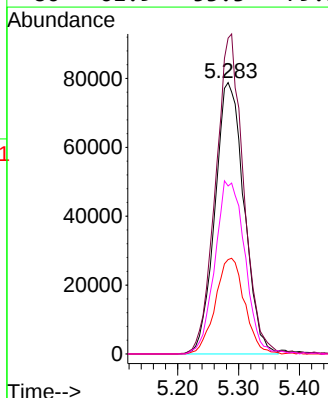
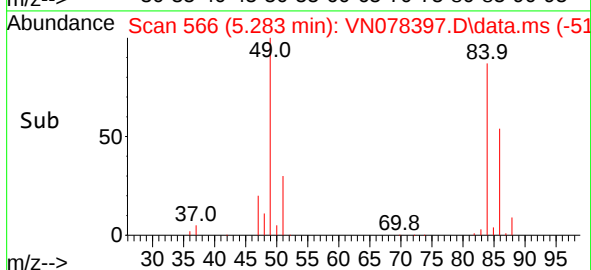
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

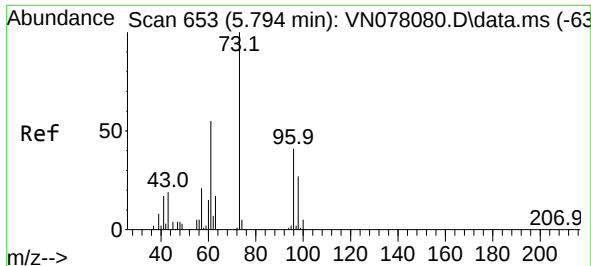


#20
Methylene Chloride
Concen: 49.192 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



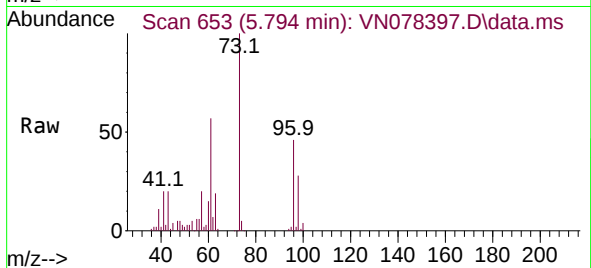
Tgt Ion: 84 Resp: 261915
Ion Ratio Lower Upper
84 100
49 116.4 79.7 119.5
51 34.8 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.931 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

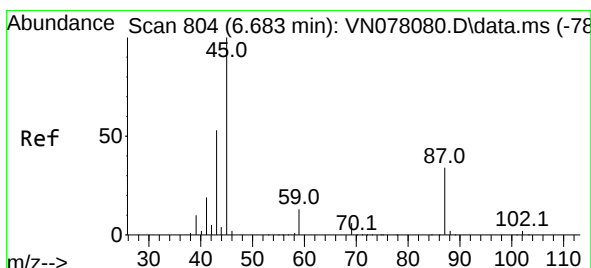
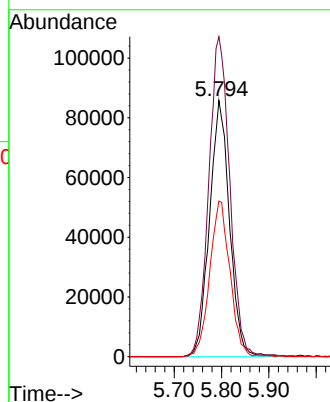
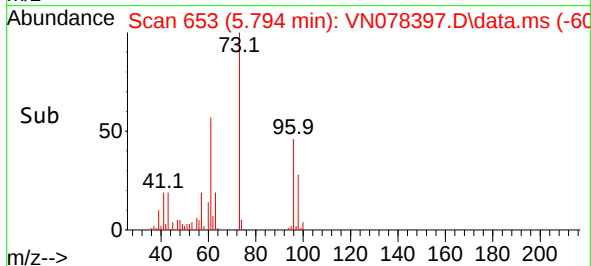
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 25184
Ion Ratio Lower Upper
96 100
61 124.9 90.1 135.1
98 60.8 46.4 69.6

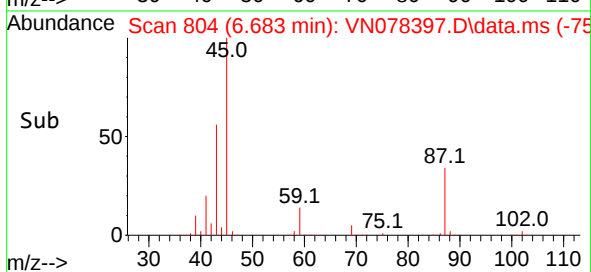
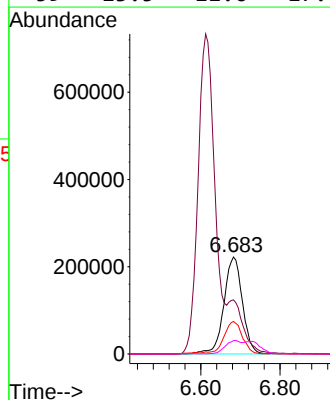
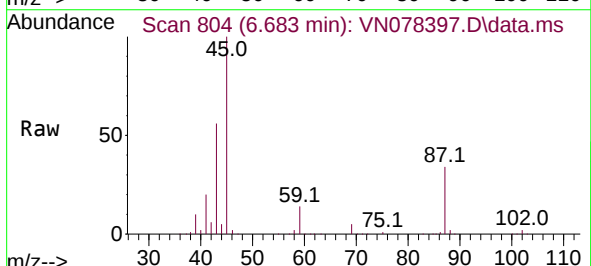
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#22
Diisopropyl ether
Concen: 54.583 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

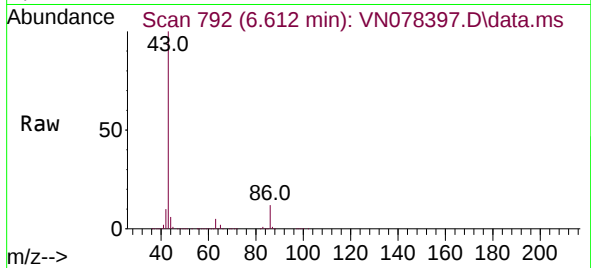
Tgt Ion: 45 Resp: 718530
Ion Ratio Lower Upper
45 100
43 55.4 45.5 68.3
87 33.4 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 276.320 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

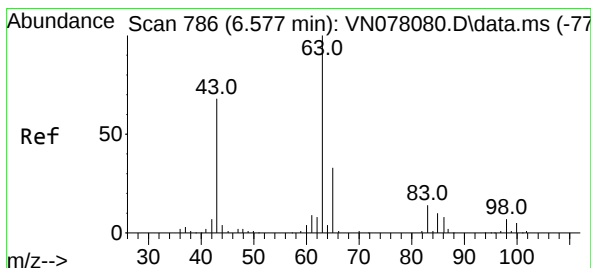
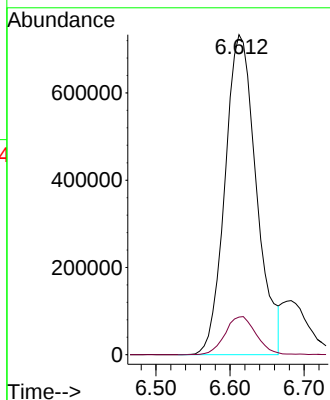
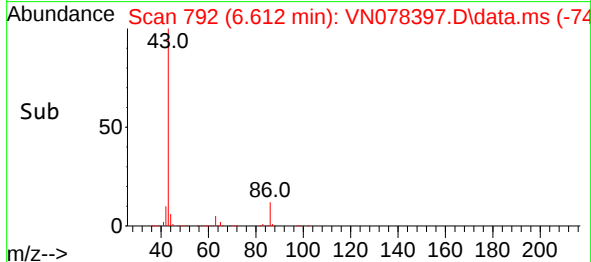
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2162280
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

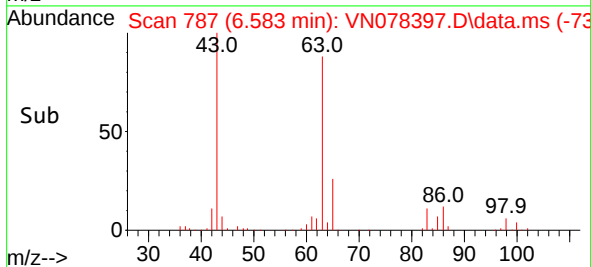
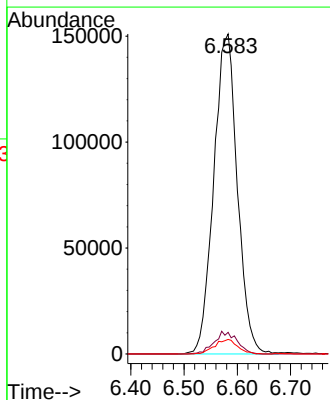
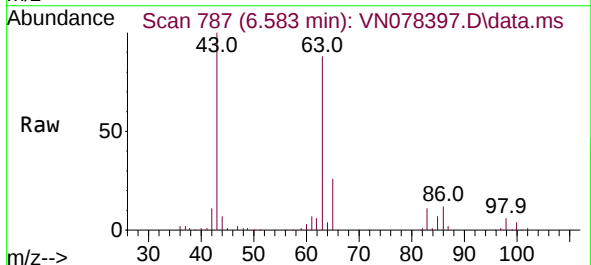
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#24
 1,1-Dichloroethane
 Concen: 53.460 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

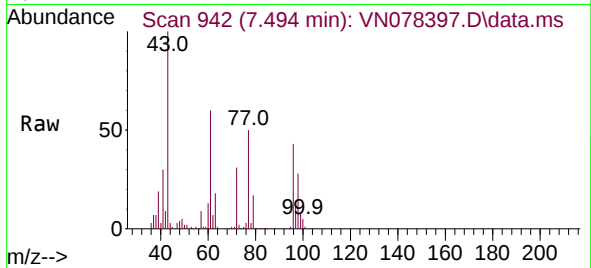
Tgt Ion: 63 Resp: 464250
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 273.611 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

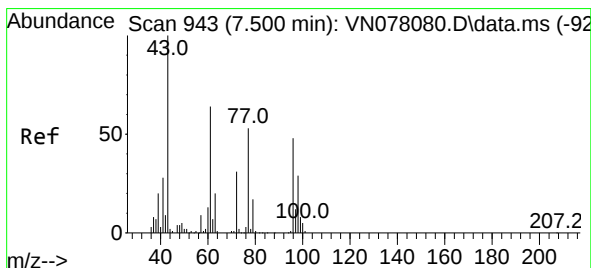
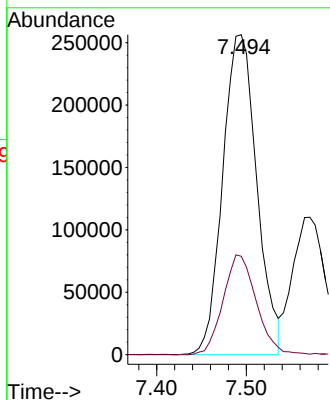
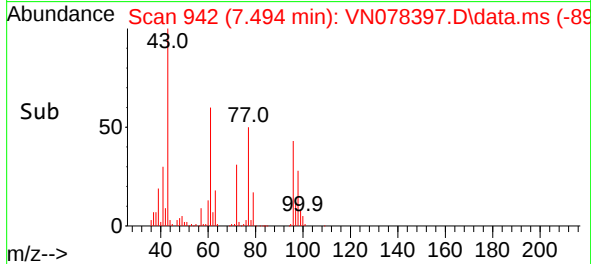
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



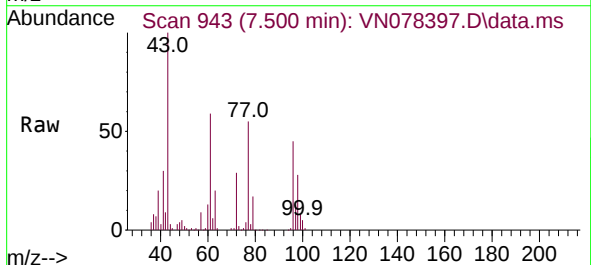
Tgt Ion: 43 Resp: 677920
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2

Manual Integrations
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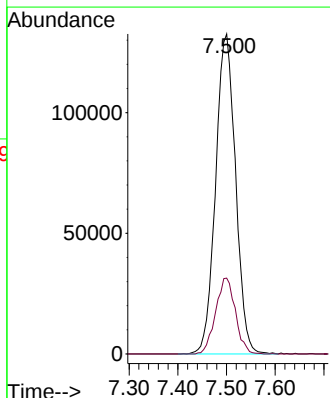
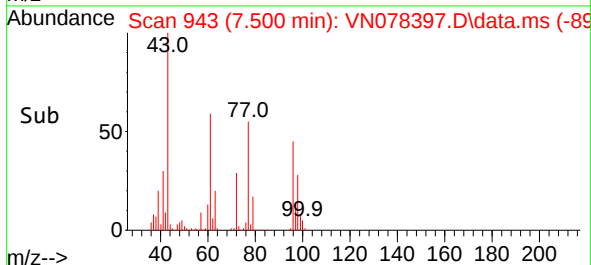
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
2,2-Dichloropropane
Concen: 58.905 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



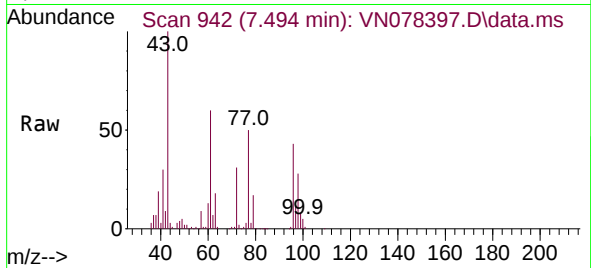
Tgt Ion: 77 Resp: 377700
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 49.601 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

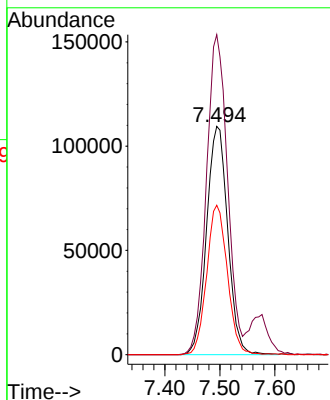
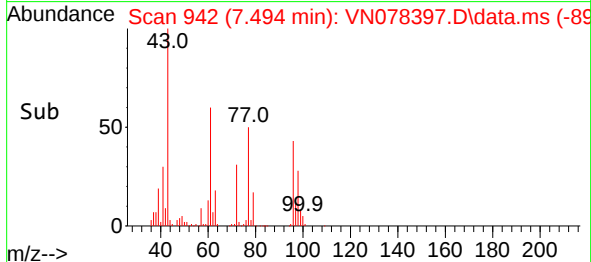
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 29255
Ion Ratio Lower Upper
96 100
61 139.2 0.0 255.2
98 64.2 0.0 128.8

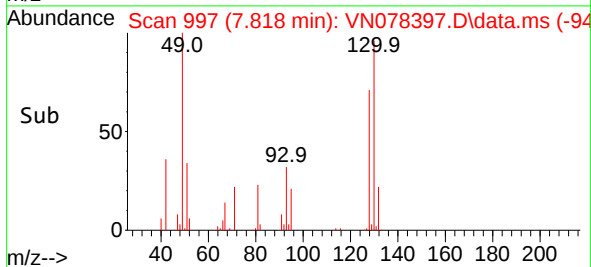
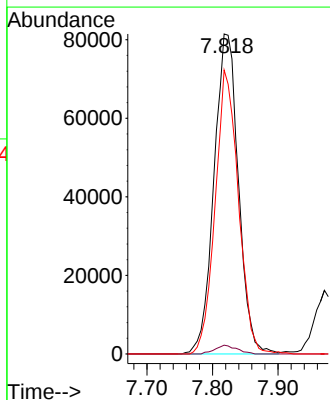
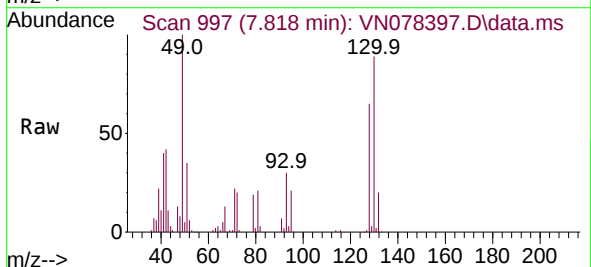
Manual Integrations
APPROVED

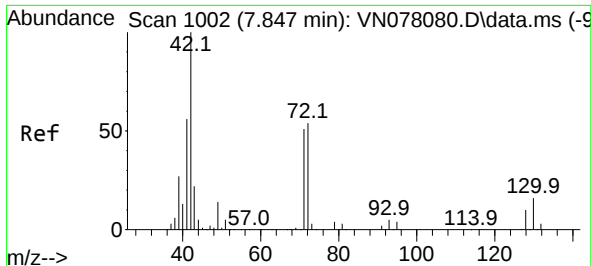
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#28
Bromochloromethane
Concen: 52.752 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

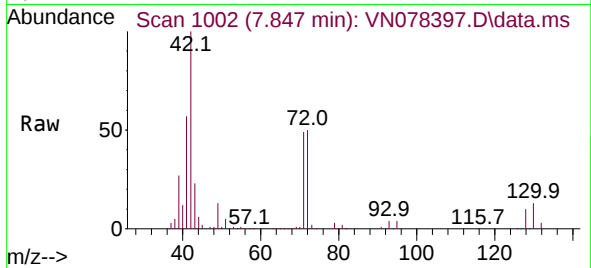
Tgt Ion: 49 Resp: 210332
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 84.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 269.081 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

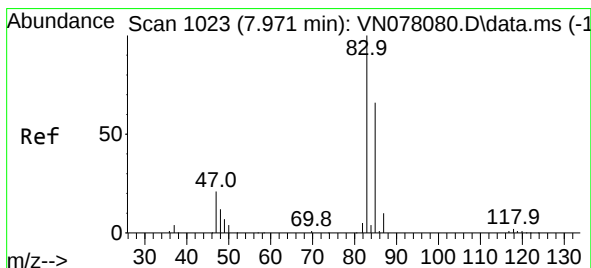
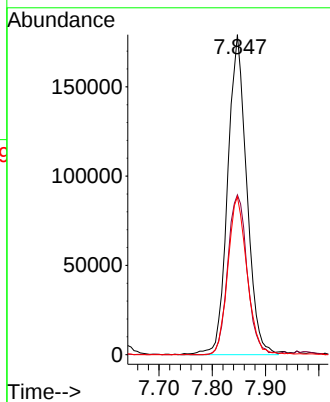
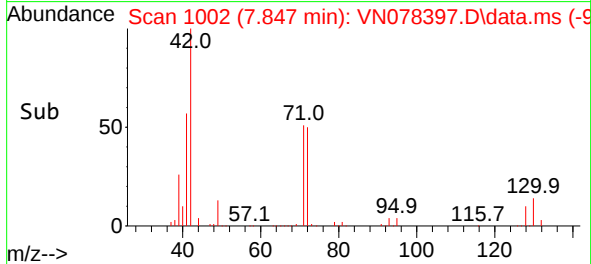
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 445694
Ion Ratio Lower Upper
42 100
72 51.1 49.8 74.6
71 49.7 47.4 71.2

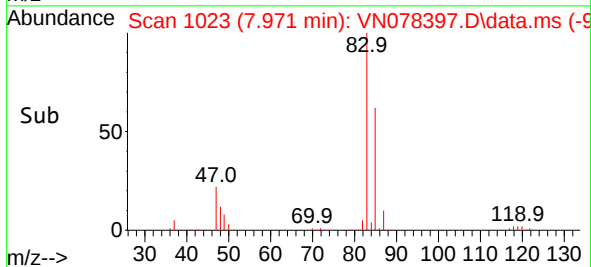
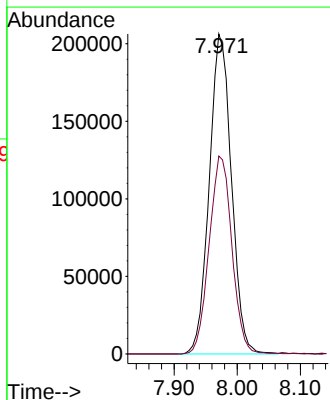
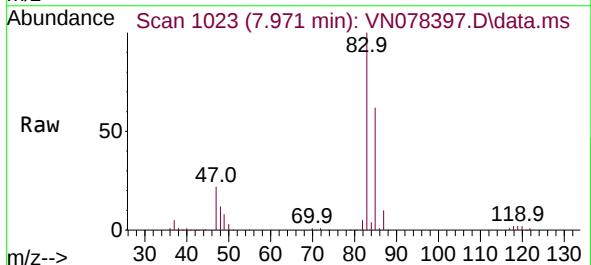
Manual Integrations
APPROVED

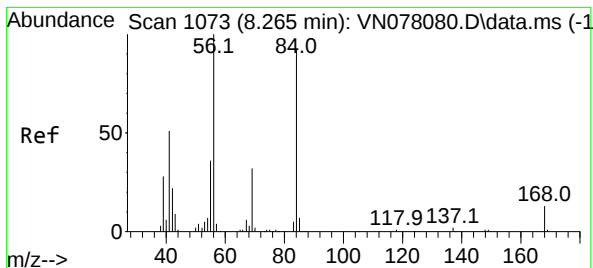
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#30
Chloroform
Concen: 53.768 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Tgt Ion: 83 Resp: 502793
Ion Ratio Lower Upper
83 100
85 61.9 55.4 83.0





#31

Cyclohexane

Concen: 49.324 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 35417

Ion Ratio Lower Upper

56 100

69 34.4 26.8 40.2

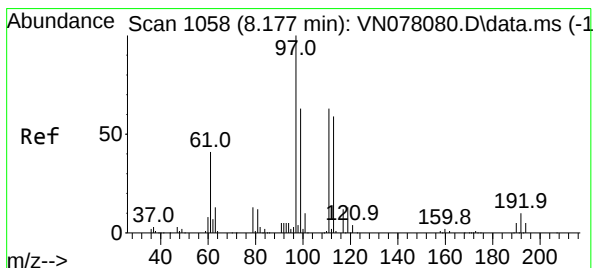
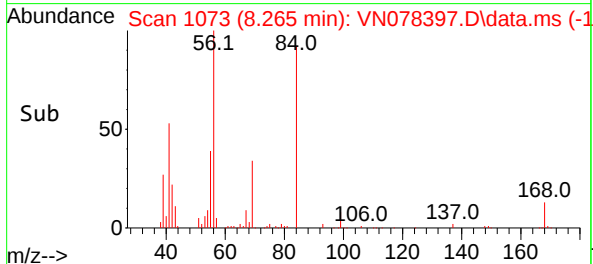
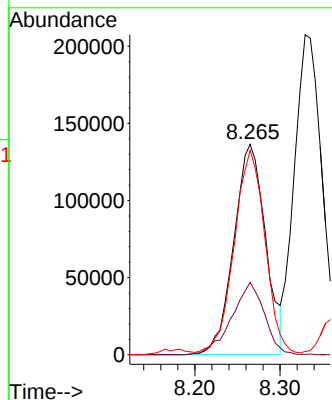
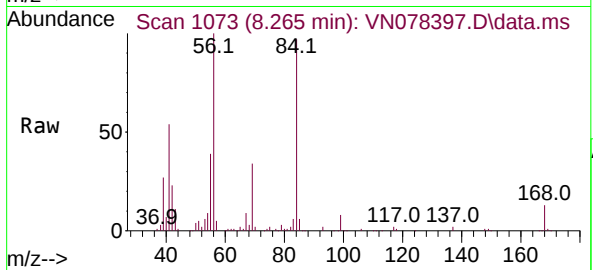
84 94.6 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#32

1,1,1-Trichloroethane

Concen: 54.381 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

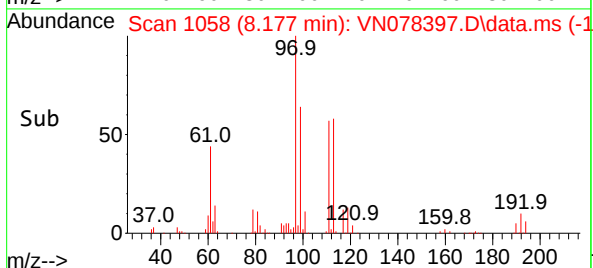
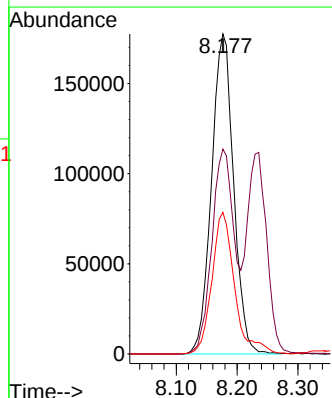
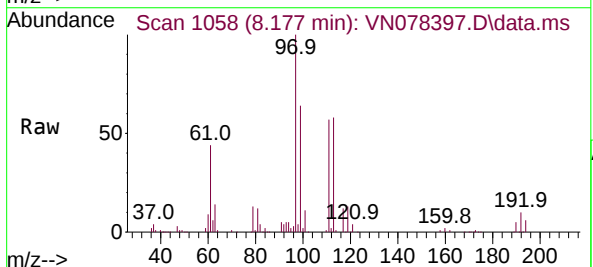
Tgt Ion: 97 Resp: 446445

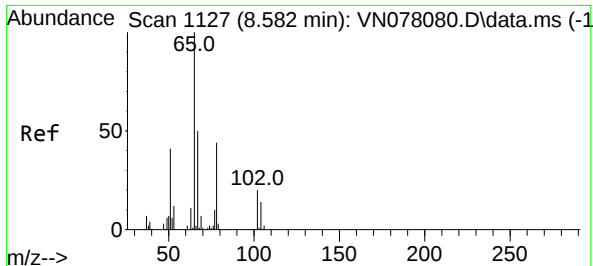
Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 288952

Ion Ratio Lower Upper

65 100

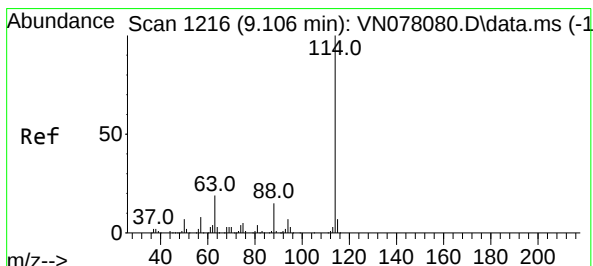
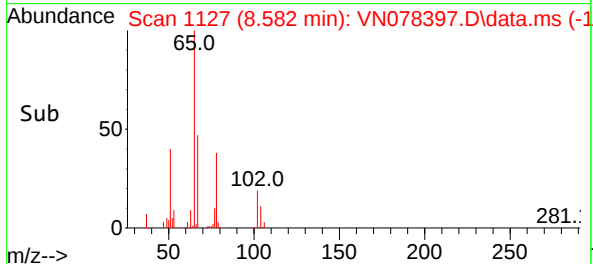
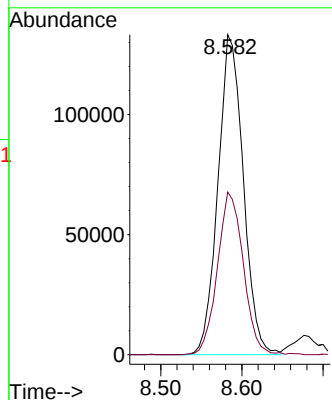
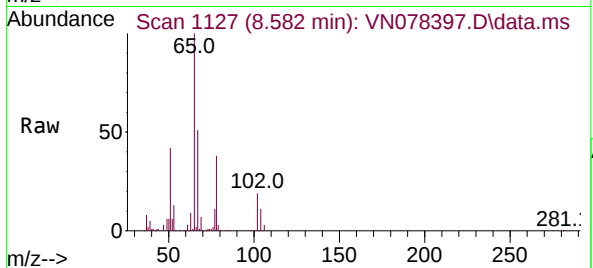
67 52.1 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

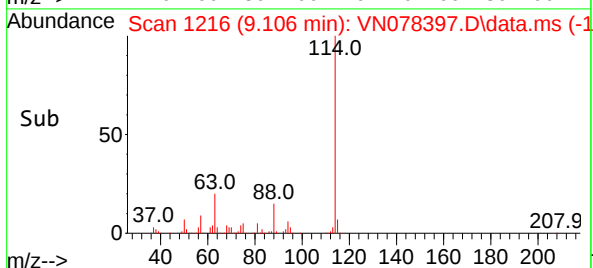
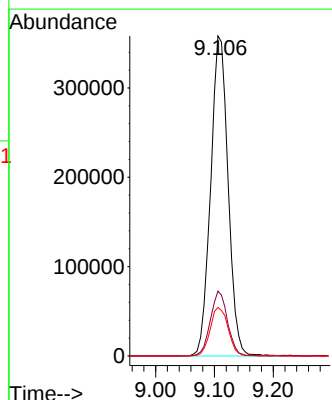
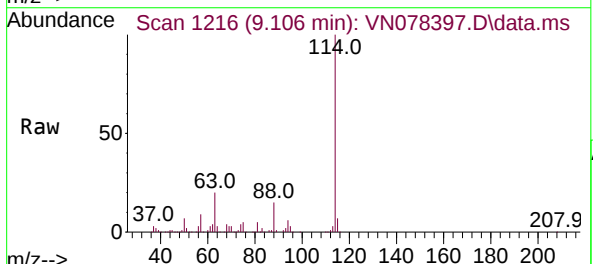
Tgt Ion:114 Resp: 737563

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

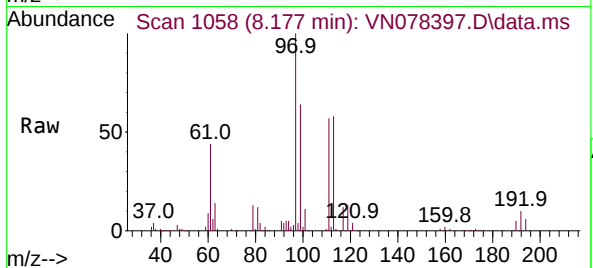
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.971 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

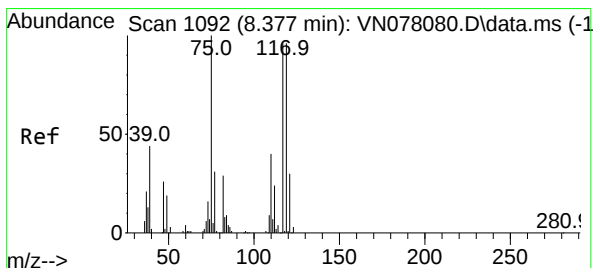
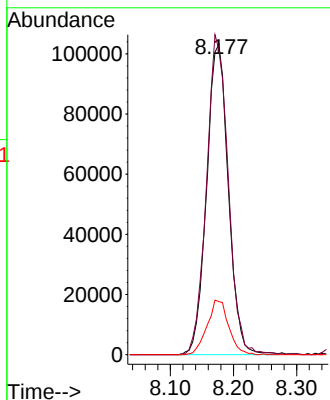
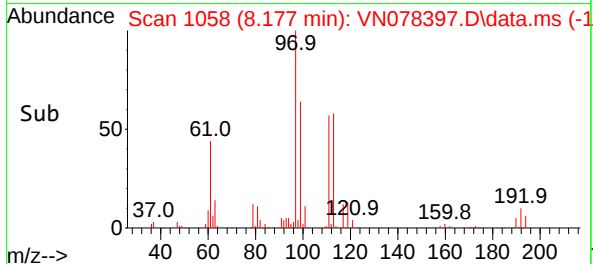
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



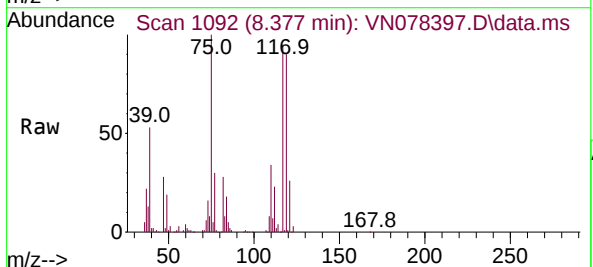
Tgt Ion: 113 Resp: 24703
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
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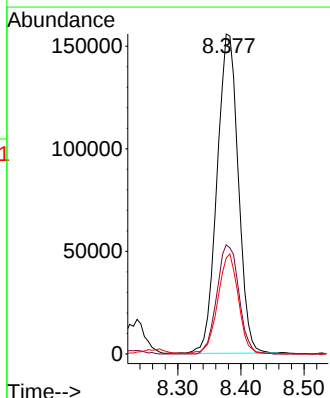
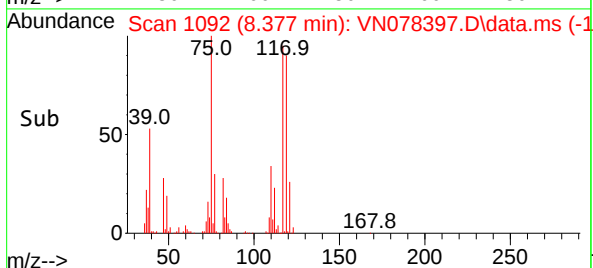
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

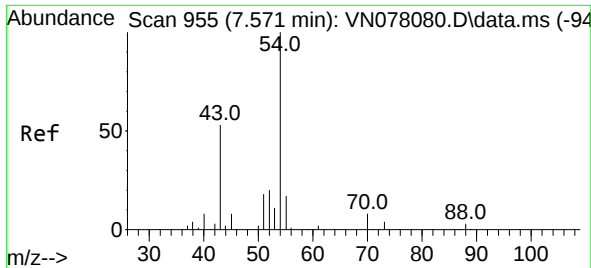


#36
1,1-Dichloropropene
Concen: 54.331 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



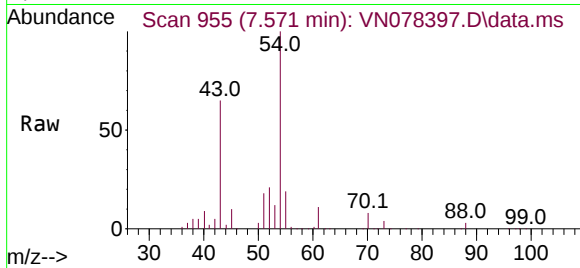
Tgt Ion: 75 Resp: 363435
Ion Ratio Lower Upper
75 100
110 35.4 19.1 57.3
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 54.851 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

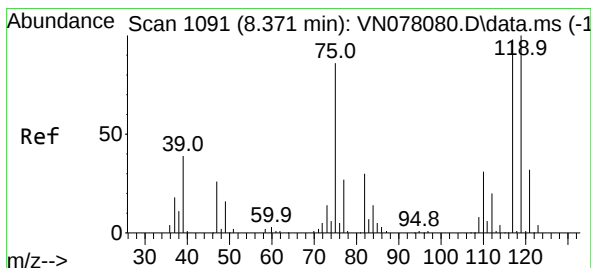
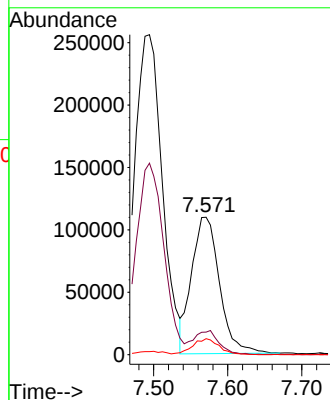
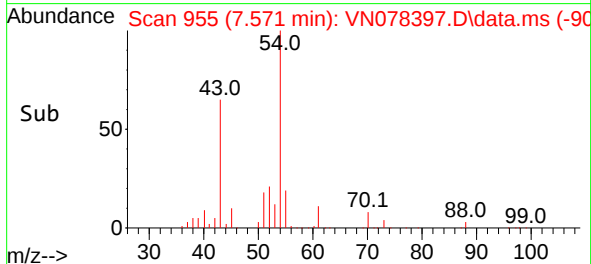
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28663
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 11.2 11.3 16.9

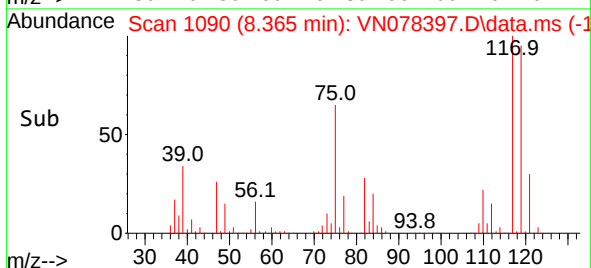
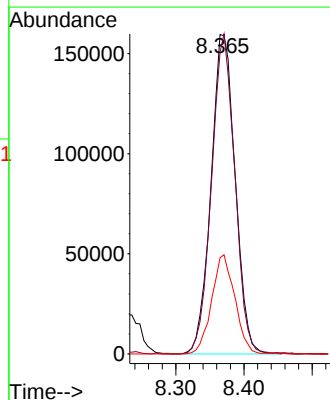
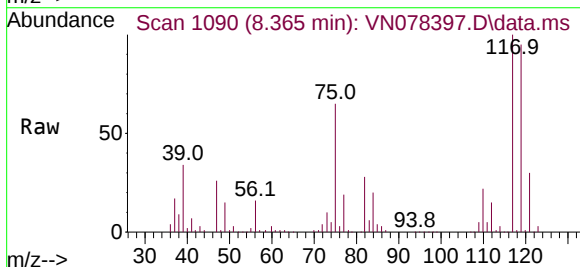
Manual Integrations
APPROVED

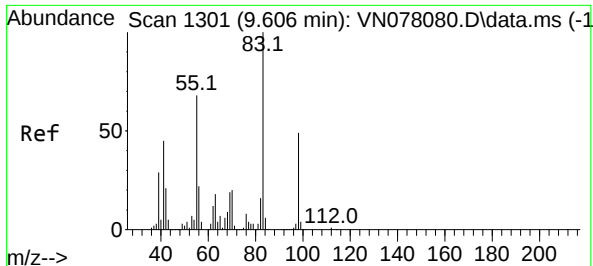
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#38
Carbon Tetrachloride
Concen: 55.742 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

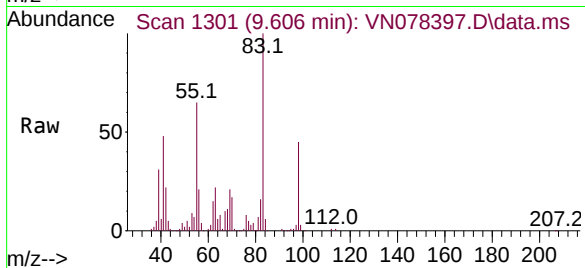
Tgt Ion:117 Resp: 393715
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 30.2 23.3 34.9





#39
Methylcyclohexane
Concen: 46.458 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

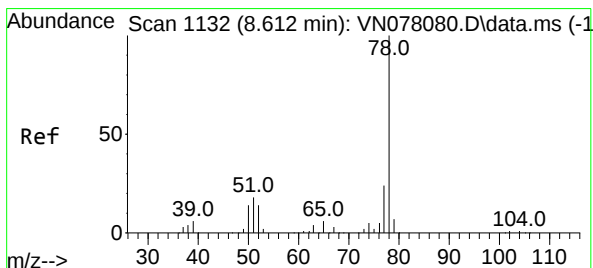
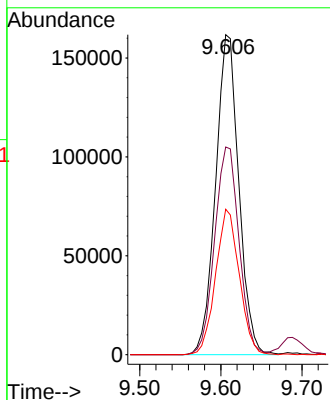
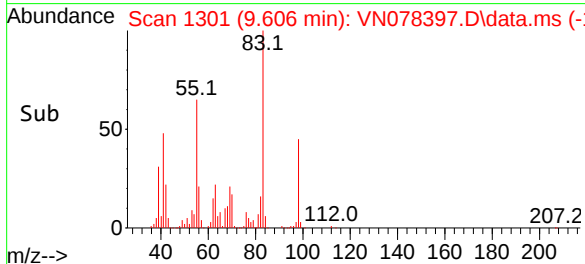
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 322061
Ion Ratio Lower Upper
83 100
55 64.9 49.1 73.7
98 45.4 40.6 61.0

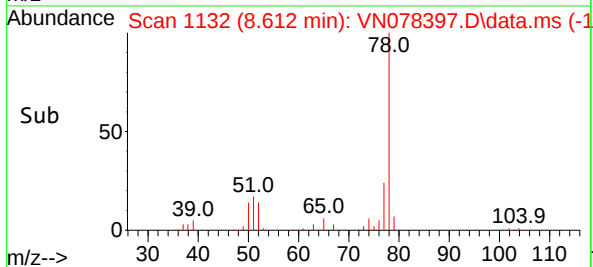
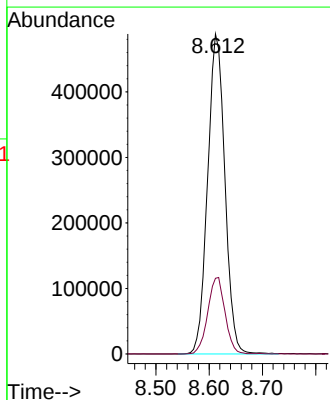
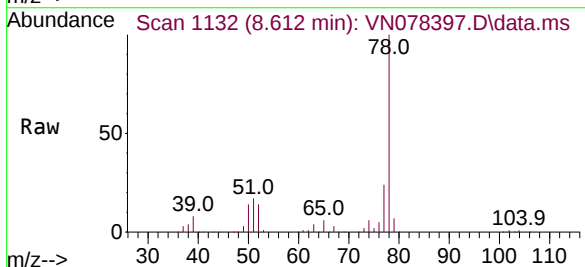
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#40
Benzene
Concen: 55.095 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

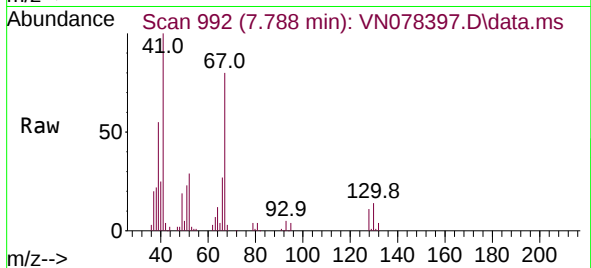
Tgt Ion: 78 Resp: 1100261
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 54.450 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

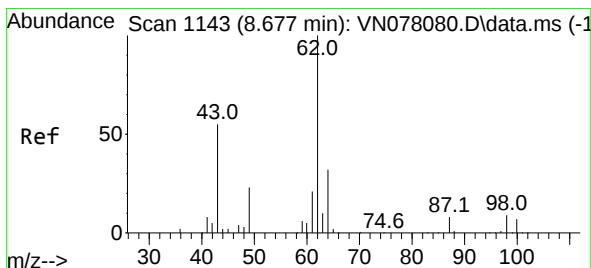
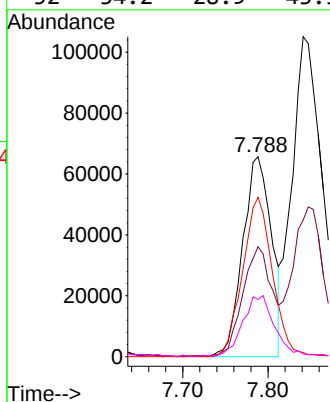
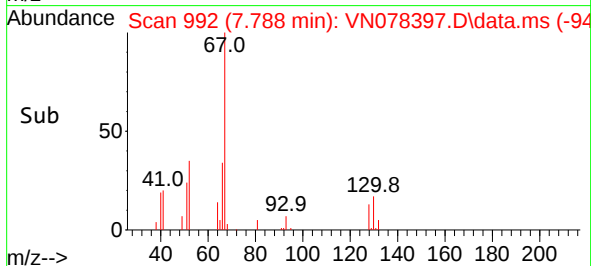
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 154229
Ion Ratio Lower Upper
41 100
39 55.6 42.6 64.0
67 82.6 77.5 116.3
52 34.2 28.9 43.3

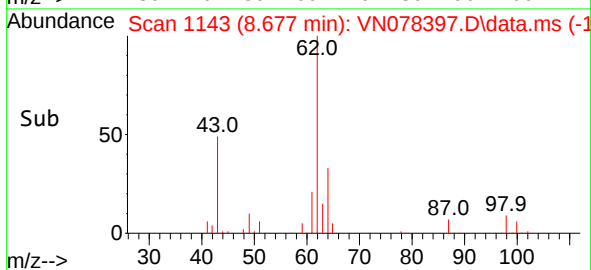
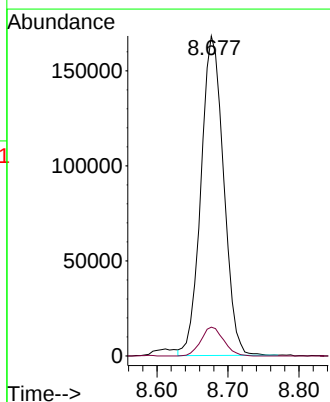
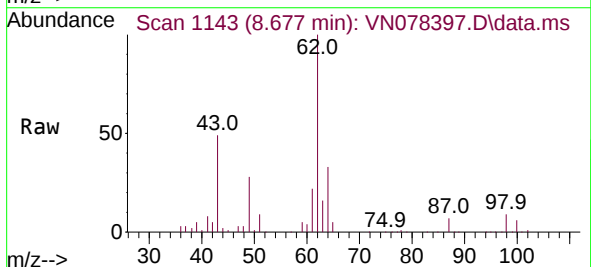
Manual Integrations
APPROVED

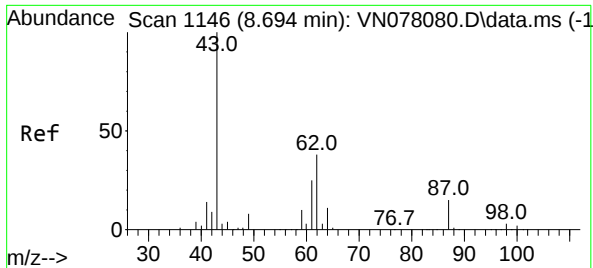
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#42
1,2-Dichloroethane
Concen: 54.454 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

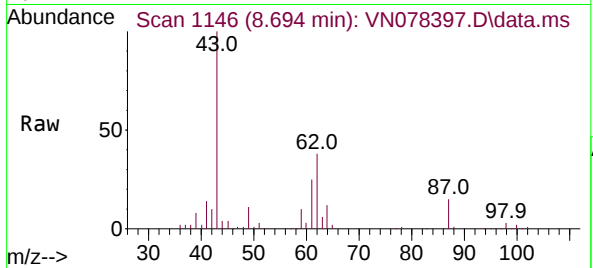
Tgt Ion: 62 Resp: 372860
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.709 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

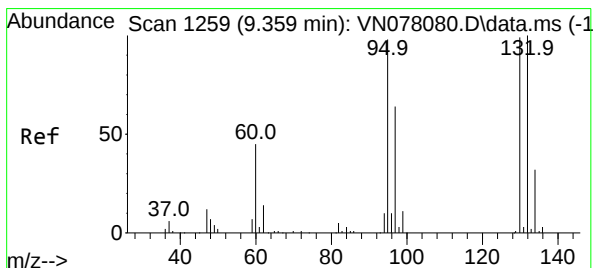
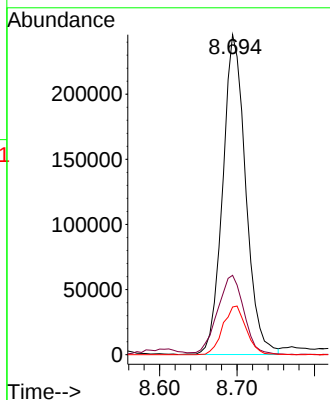
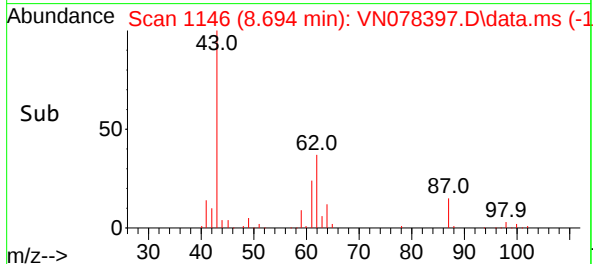
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



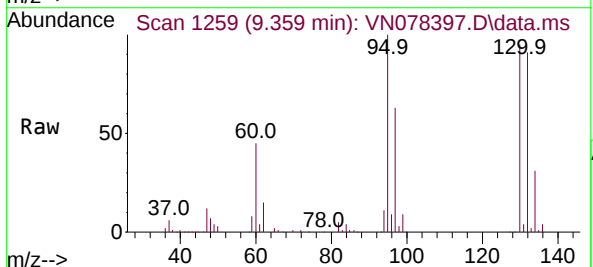
Tgt Ion: 43 Resp: 506778
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.4 14.6 21.8

Manual Integrations
APPROVED

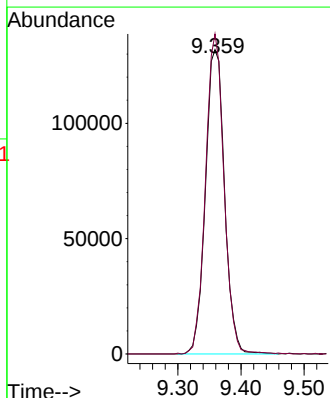
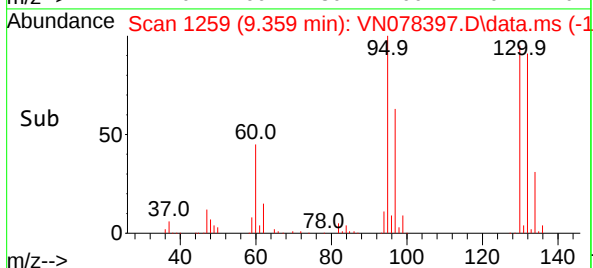
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

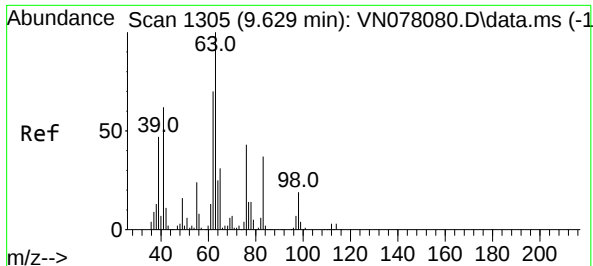


#44
Trichloroethene
Concen: 52.569 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion:130 Resp: 277244
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.945 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 27797

Ion Ratio Lower Upper

63 100

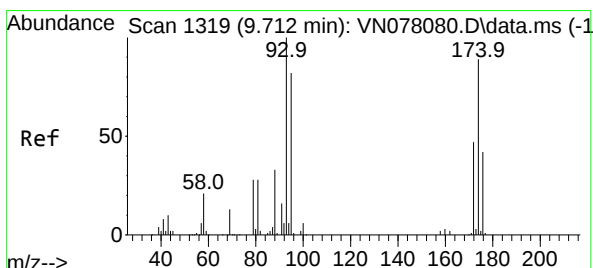
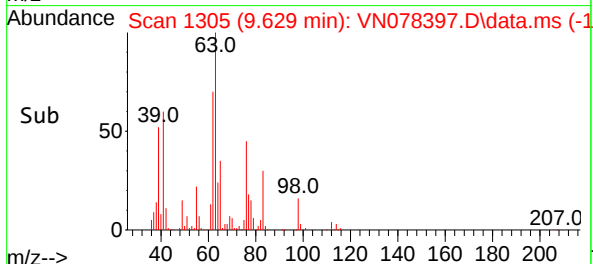
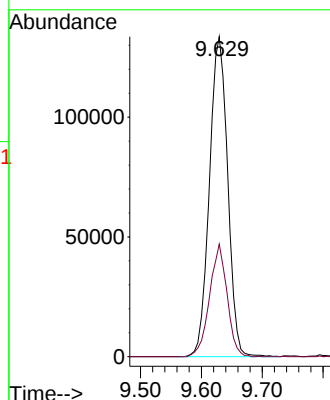
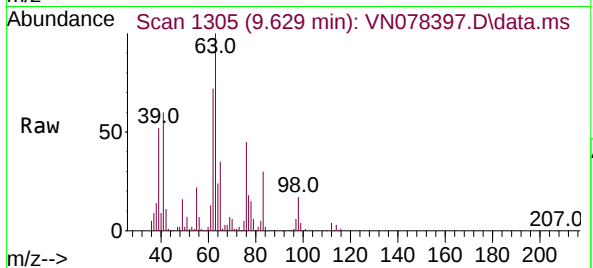
65 35.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#46

Dibromomethane

Concen: 54.164 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

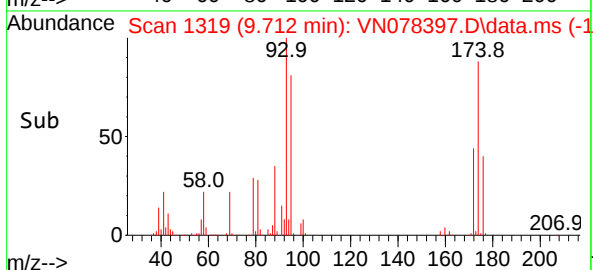
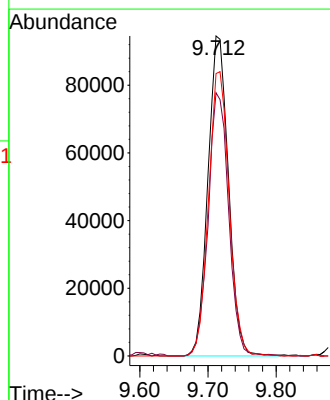
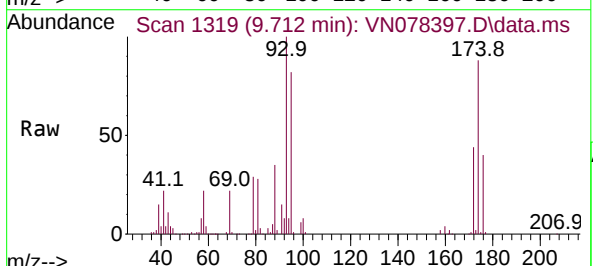
Tgt Ion: 93 Resp: 198225

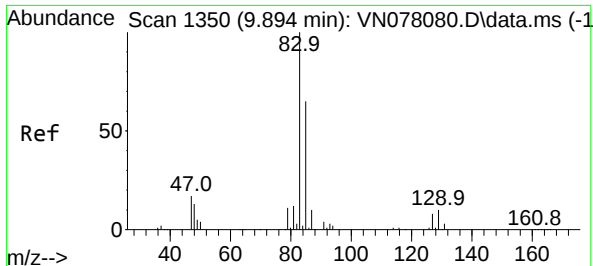
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

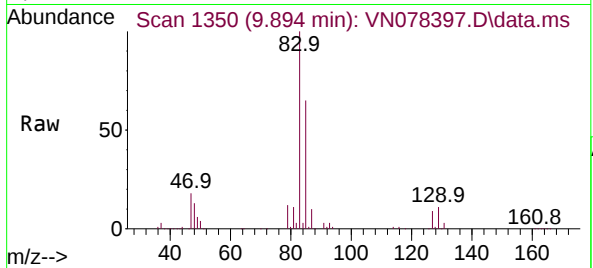
174 89.5 65.6 98.4





#47
Bromodichloromethane
Concen: 57.296 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

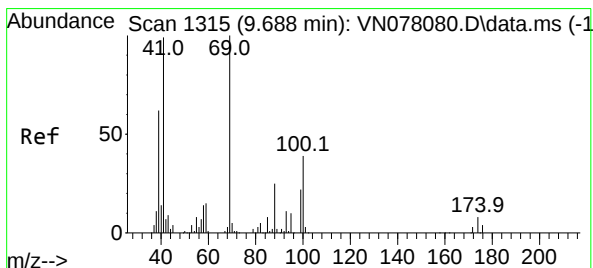
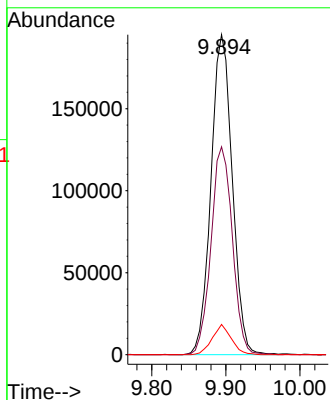
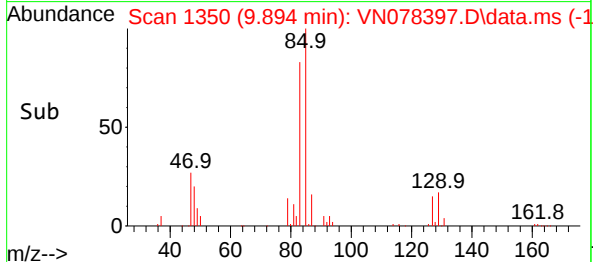
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 389500
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 9.5 7.0 10.6

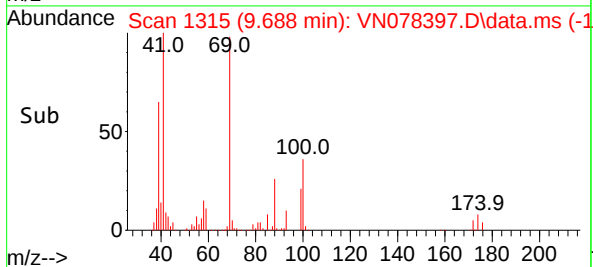
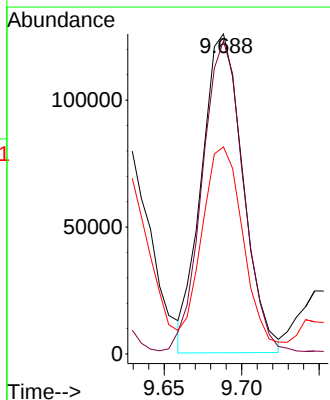
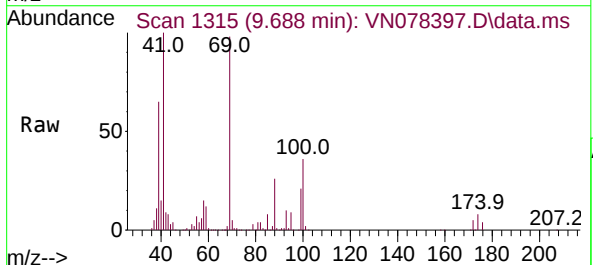
Manual Integrations
APPROVED

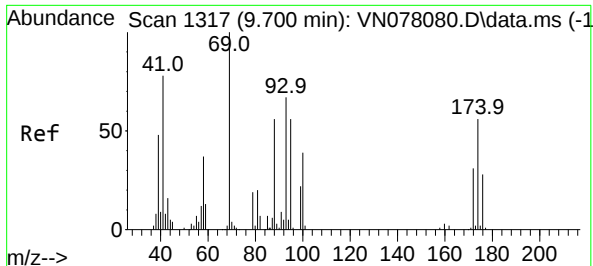
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#48
Methyl methacrylate
Concen: 55.728 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

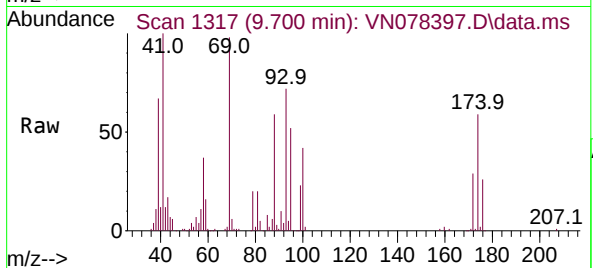
Tgt Ion: 41 Resp: 233721
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 66.1 54.6 81.8





#49
1,4-Dioxane
Concen: 1091.608 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

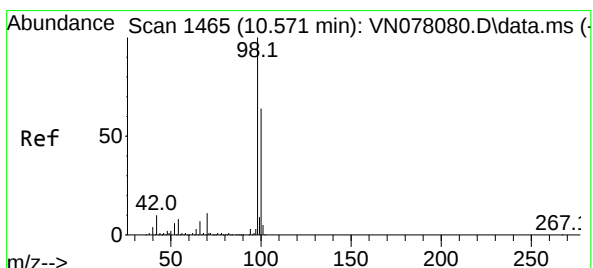
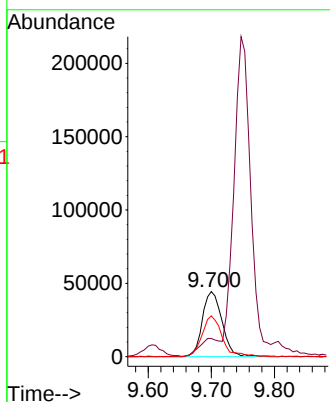
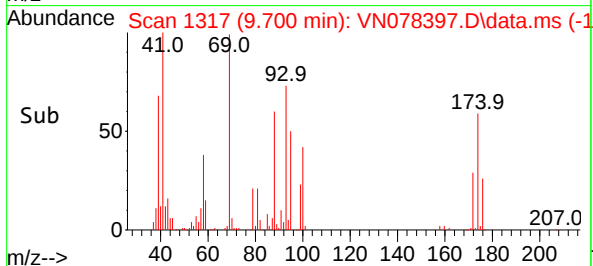
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



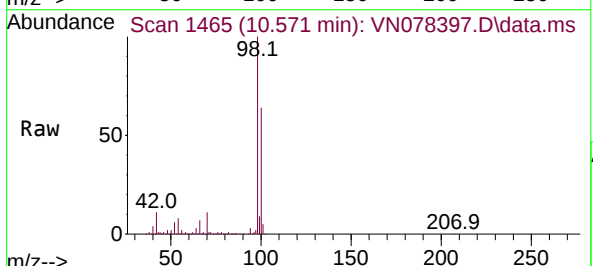
Tgt Ion: 88 Resp: 9622
Ion Ratio Lower Upper
88 100
43 26.3 17.0 25.6
58 63.7 47.0 70.4

Manual Integrations
APPROVED

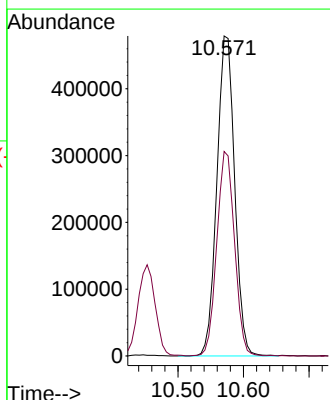
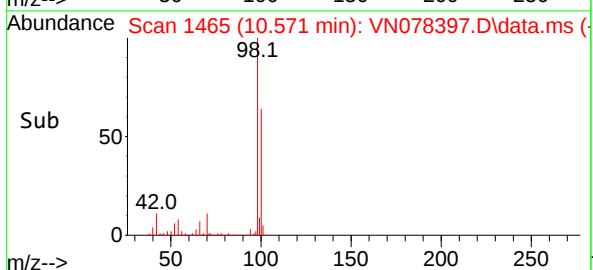
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

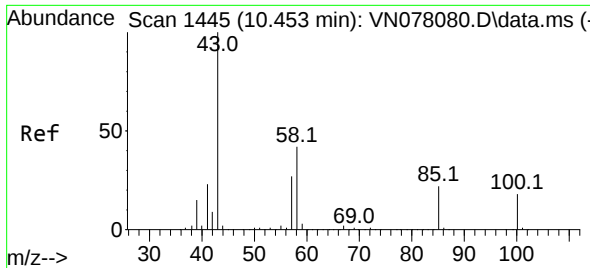


#50
Toluene-d8
Concen: 50.025 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



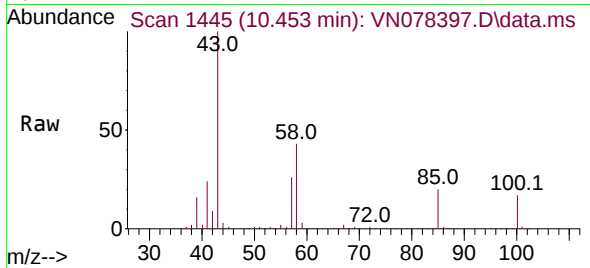
Tgt Ion: 98 Resp: 899357
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 284.551 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

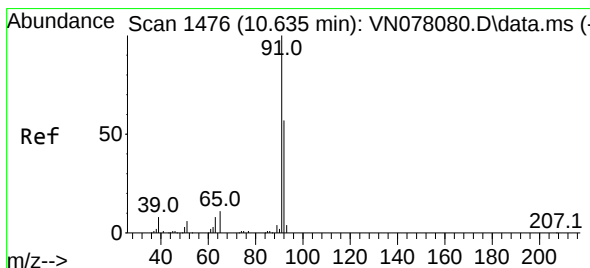
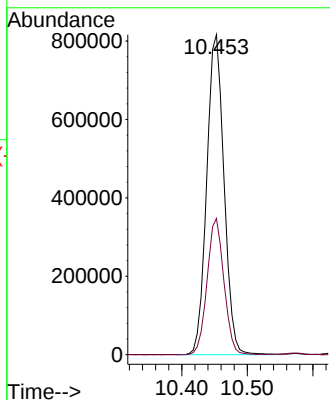
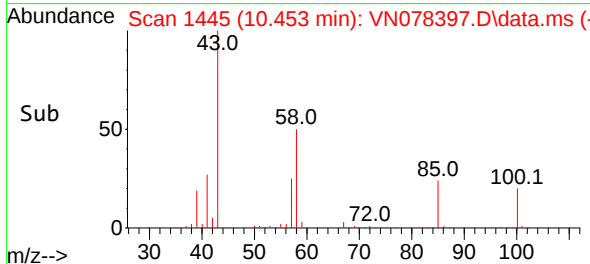
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1497490
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

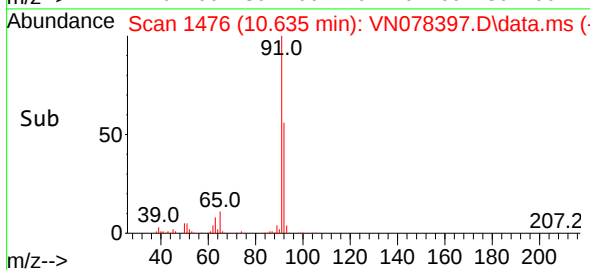
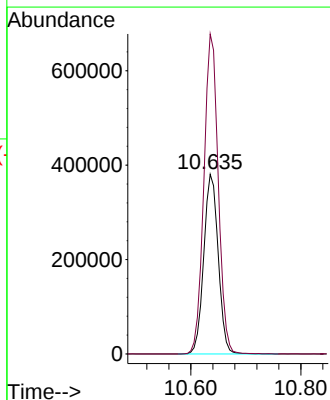
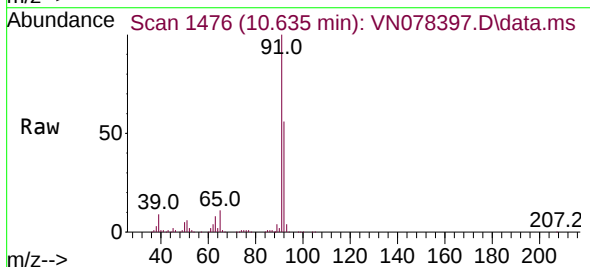
Manual Integrations
APPROVED

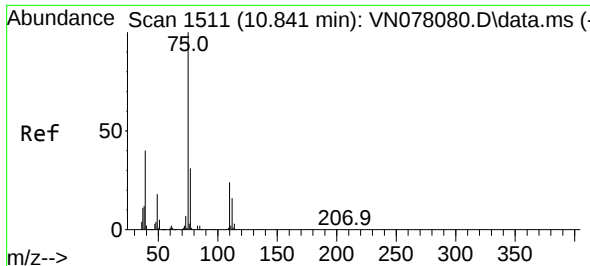
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#52
Toluene
Concen: 55.027 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

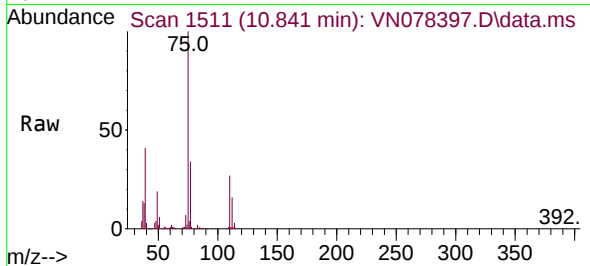
Tgt Ion: 92 Resp: 693818
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 58.922 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

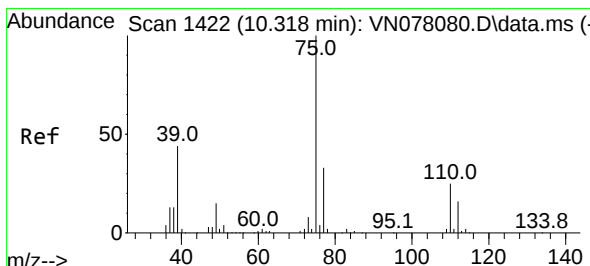
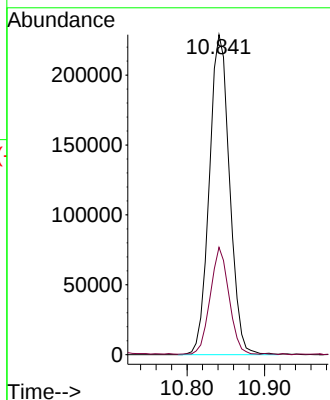
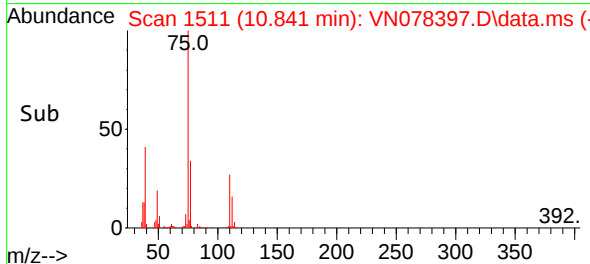
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



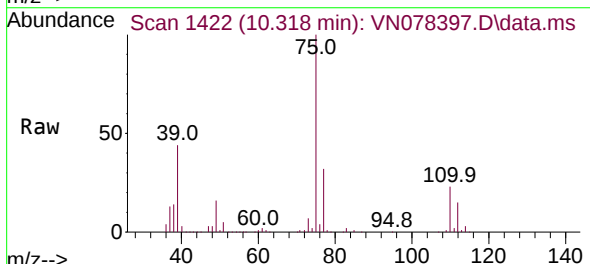
Tgt Ion: 75 Resp: 41715
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0

Manual Integrations
 APPROVED

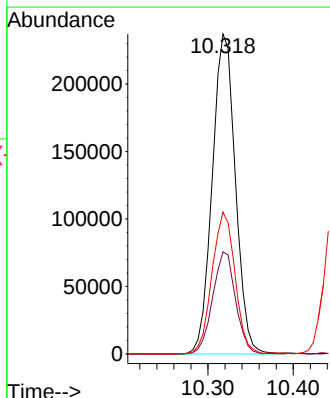
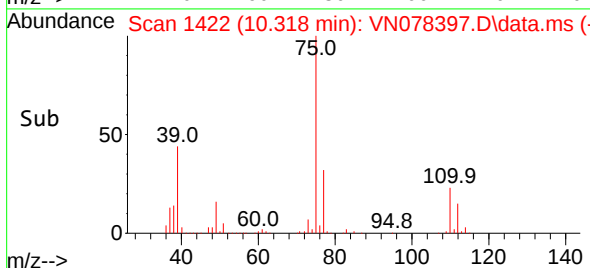
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

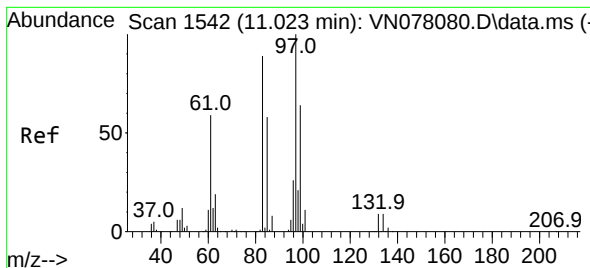


#54
 cis-1,3-Dichloropropene
 Concen: 57.141 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15



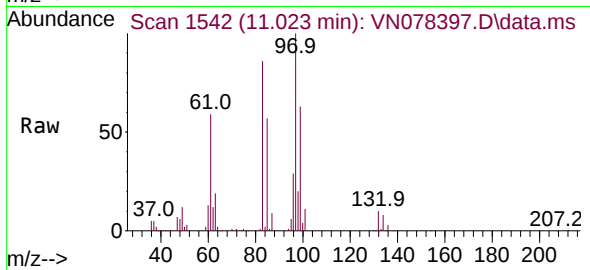
Tgt Ion: 75 Resp: 447196
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.520 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

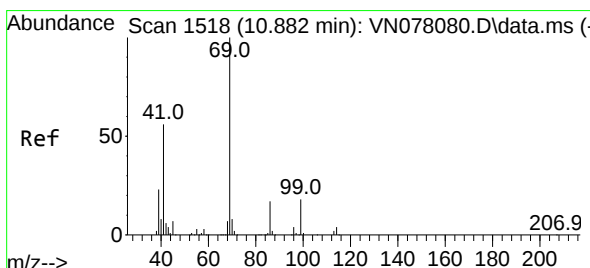
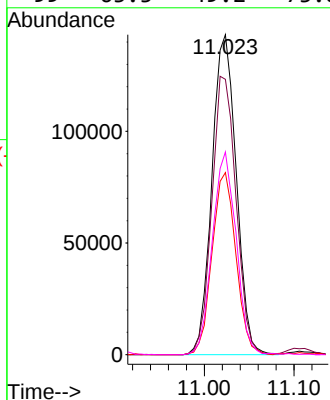
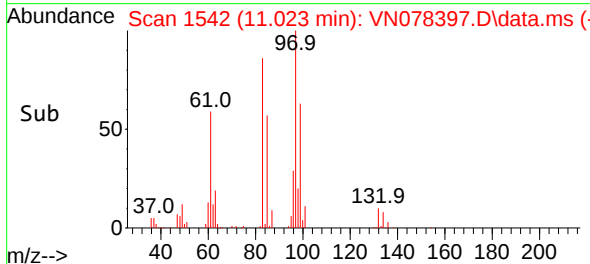
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



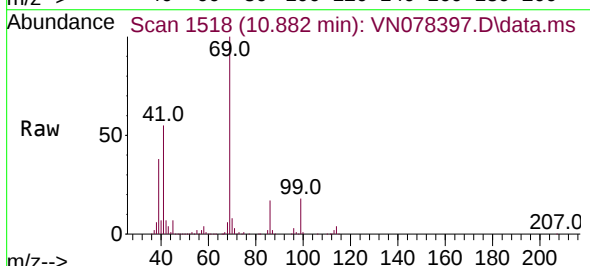
Tgt Ion: 97 Resp: 269580
Ion Ratio Lower Upper
97 100
83 86.1 65.1 97.7
85 56.9 43.4 65.2
99 63.3 49.2 73.8

Manual Integrations
APPROVED

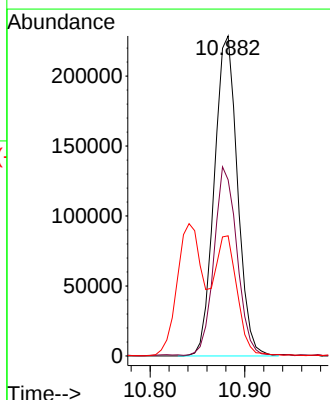
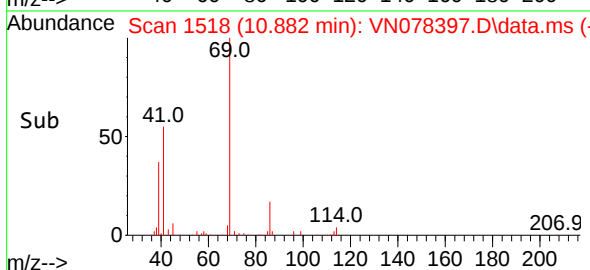
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#56
Ethyl methacrylate
Concen: 56.041 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion: 69 Resp: 389212
Ion Ratio Lower Upper
69 100
41 58.6 39.6 59.4
39 37.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.371 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 453849

Ion Ratio Lower Upper

76 100

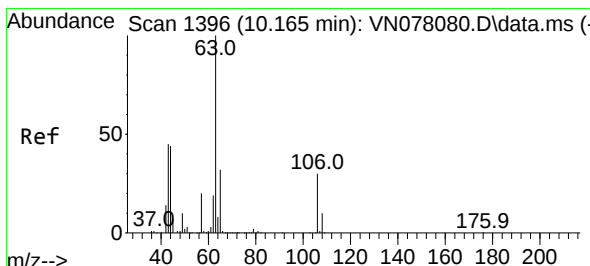
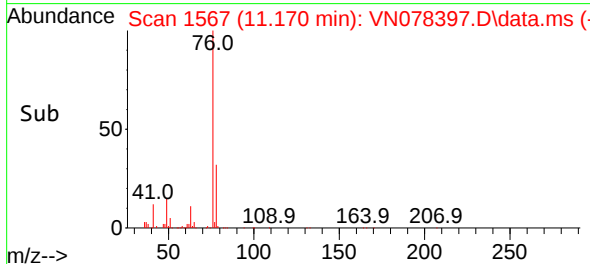
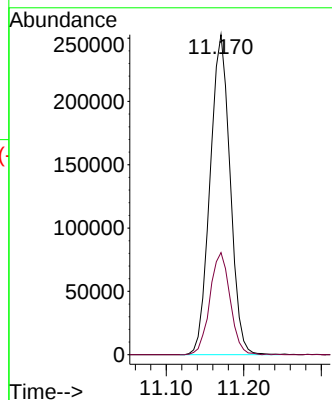
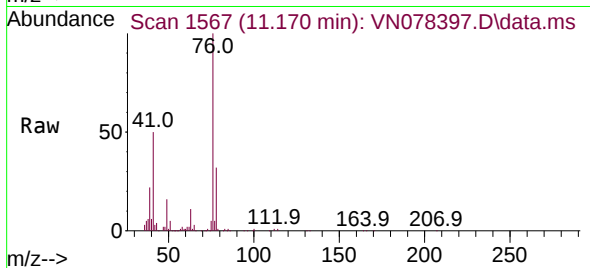
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.597 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078397.D

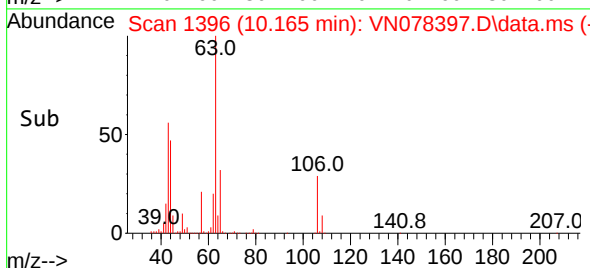
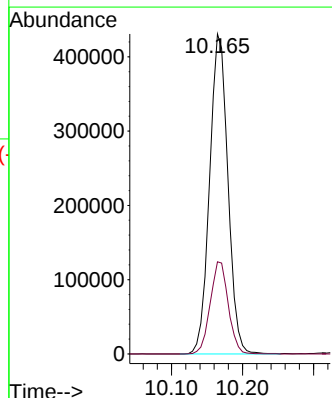
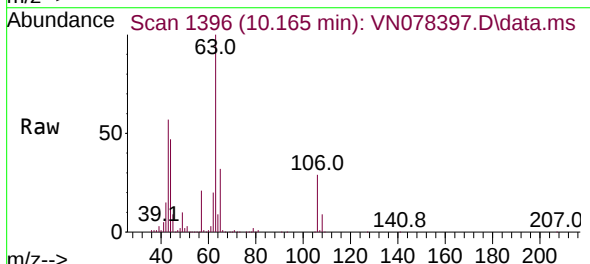
Acq: 26 Jun 2023 11:15

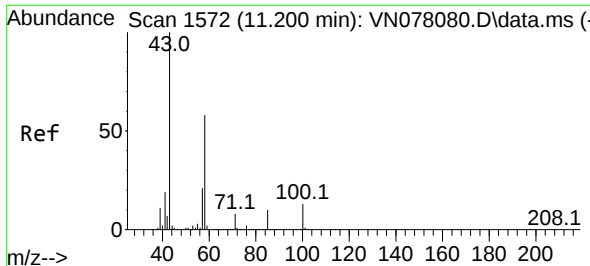
Tgt Ion: 63 Resp: 770412

Ion Ratio Lower Upper

63 100

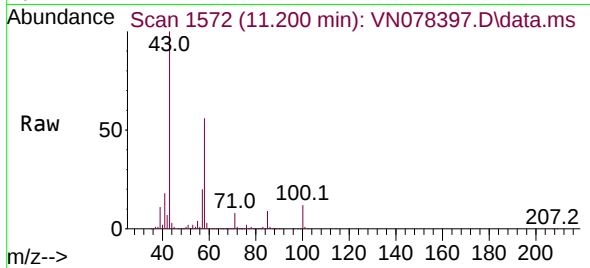
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 289.533 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

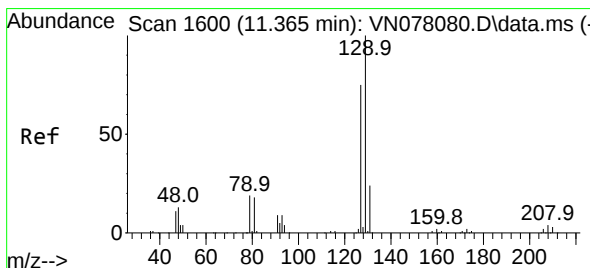
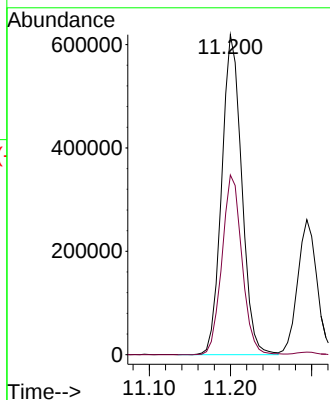
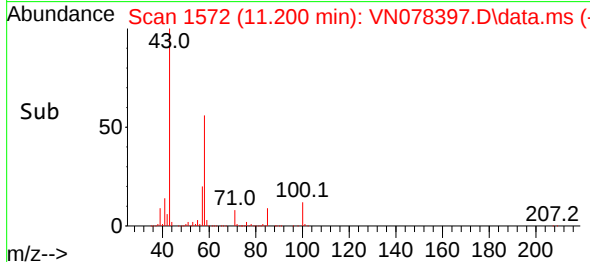
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1060944
Ion Ratio Lower Upper
43 100
58 56.2 31.7 95.1

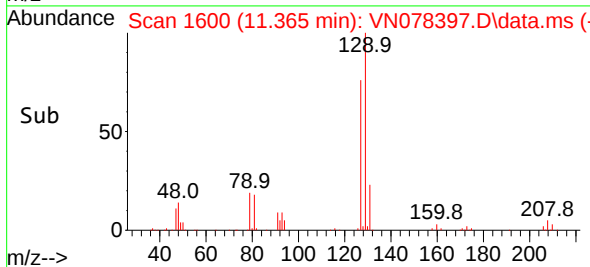
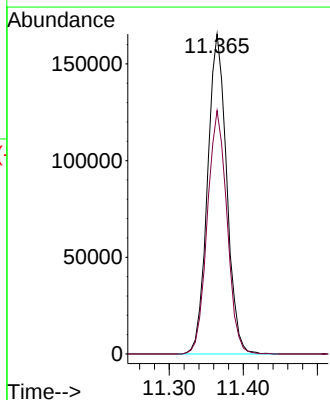
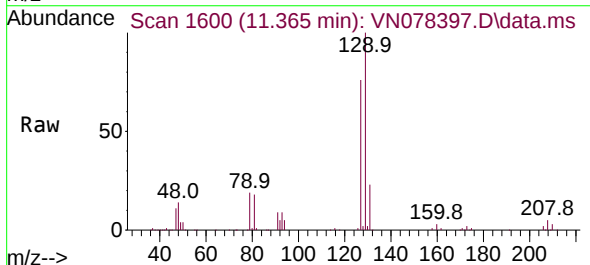
Manual Integrations
APPROVED

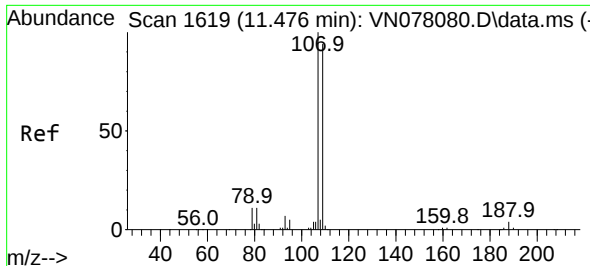
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#60
Dibromochloromethane
Concen: 56.814 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

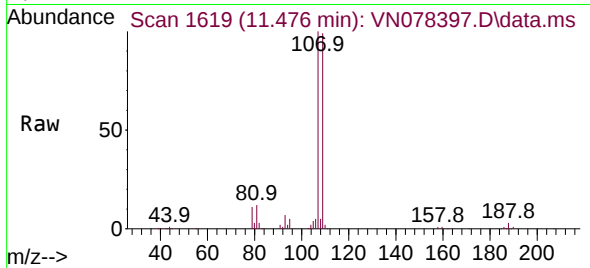
Tgt Ion:129 Resp: 296530
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.018 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

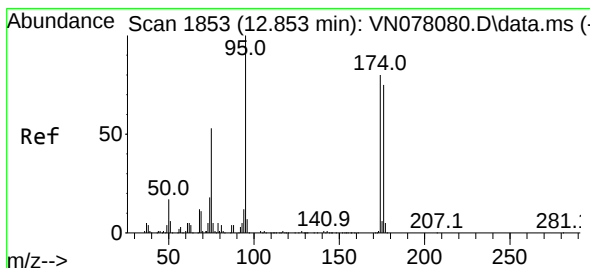
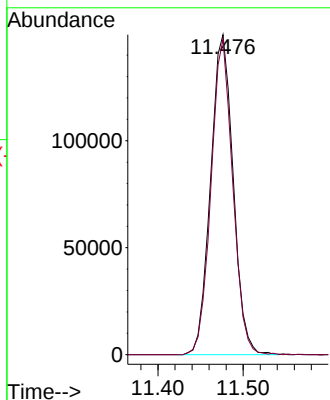
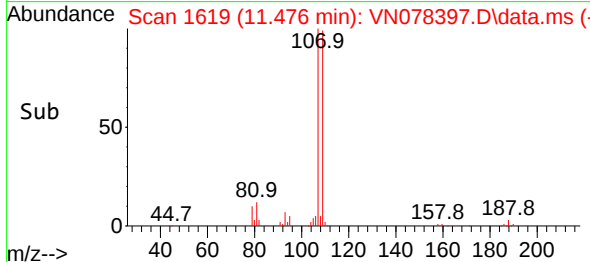
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



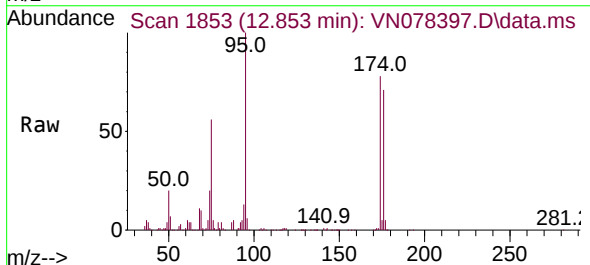
Tgt Ion:107 Resp: 275394
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

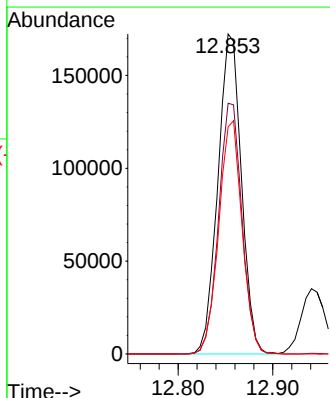
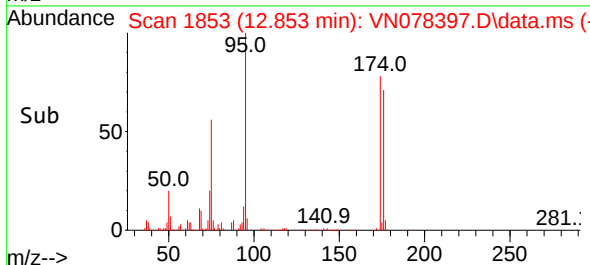
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

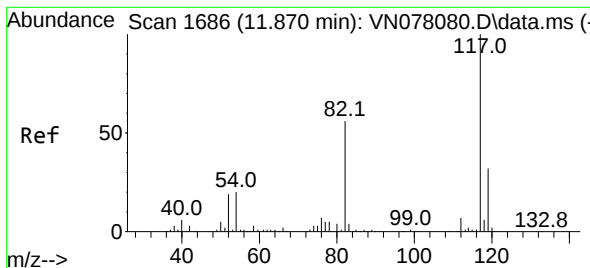


#62
4-Bromofluorobenzene
Concen: 53.337 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion: 95 Resp: 298104
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 72.2 0.0 135.8





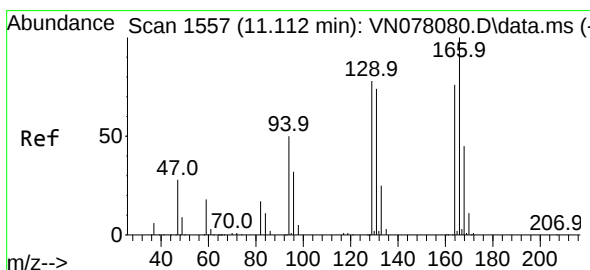
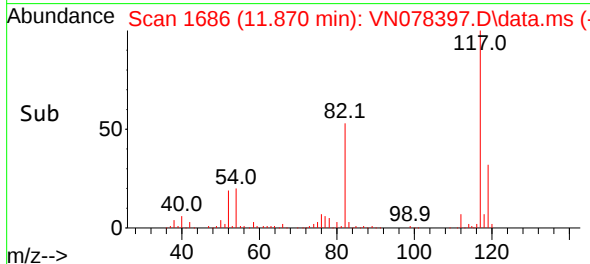
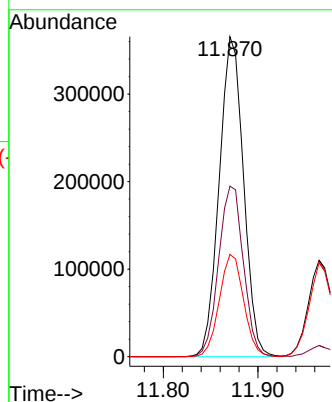
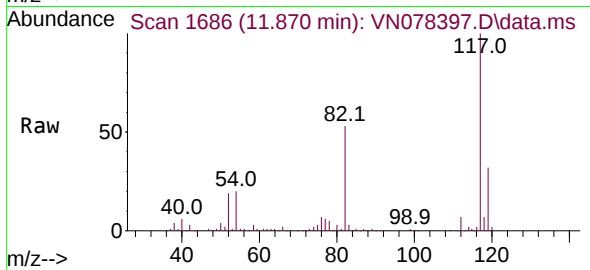
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 652680
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.9 25.6 38.4

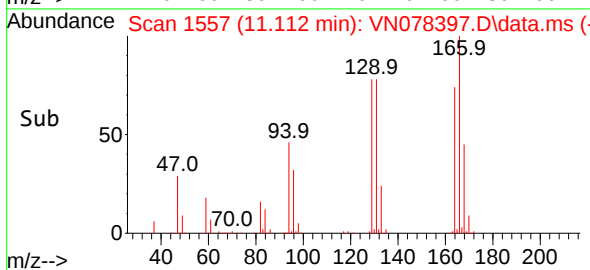
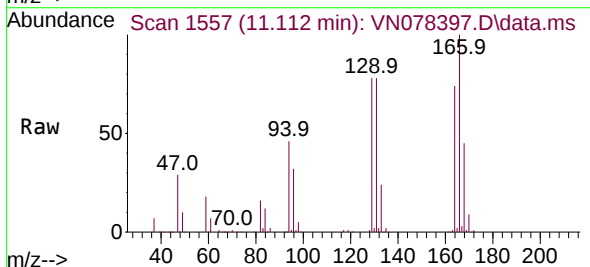
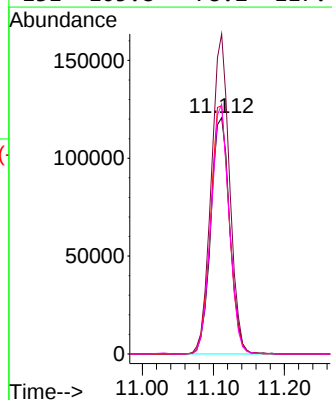
Manual Integrations
APPROVED

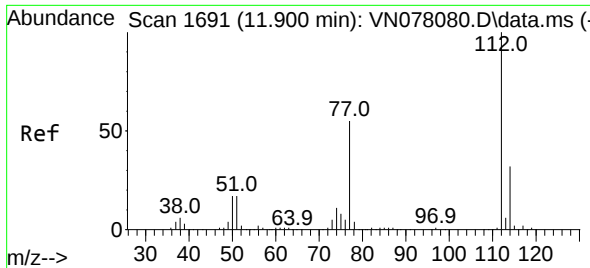
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#64
Tetrachloroethene
Concen: 51.469 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

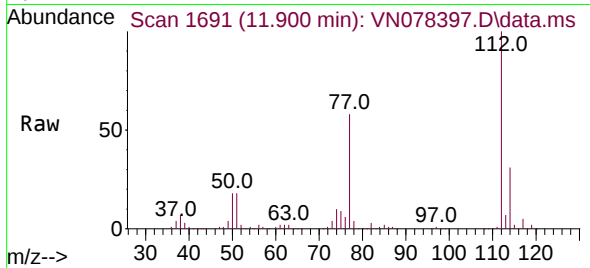
Tgt Ion:164 Resp: 224109
Ion Ratio Lower Upper
164 100
166 135.5 101.4 152.0
129 105.1 82.4 123.6
131 105.8 78.2 117.4





#65
Chlorobenzene
Concen: 51.981 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

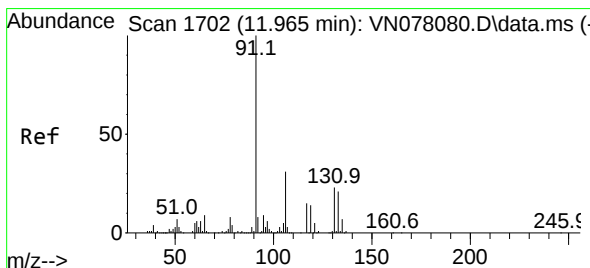
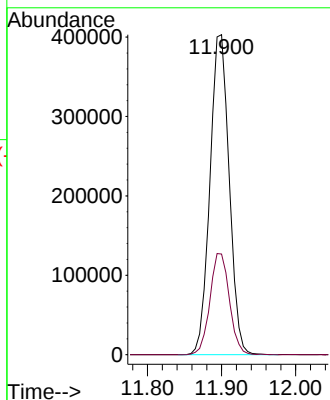
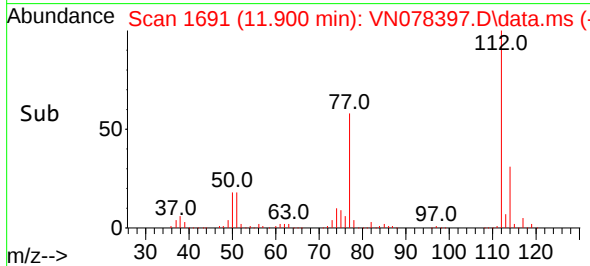
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



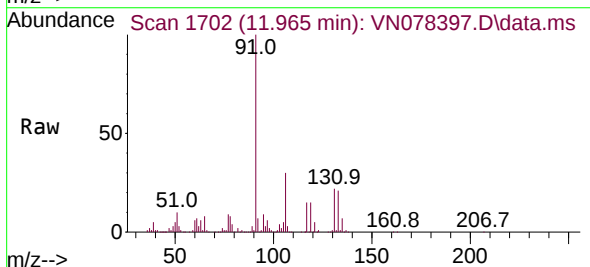
Tgt Ion:112 Resp: 726570
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

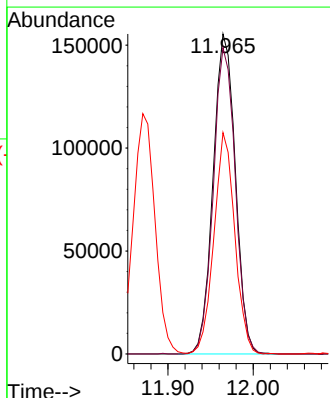
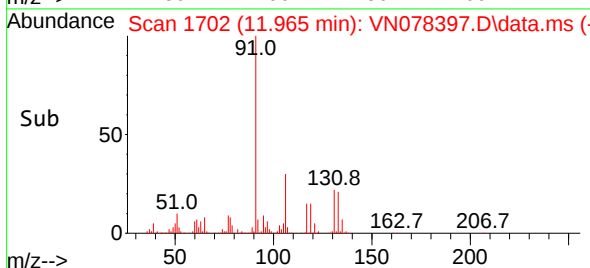
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

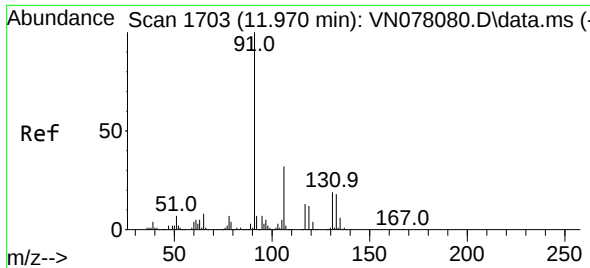


#66
1,1,1,2-Tetrachloroethane
Concen: 54.832 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



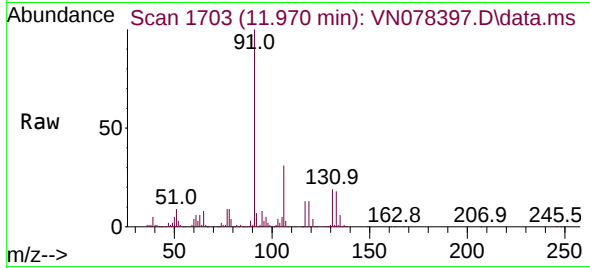
Tgt Ion:131 Resp: 281889
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 53.779 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

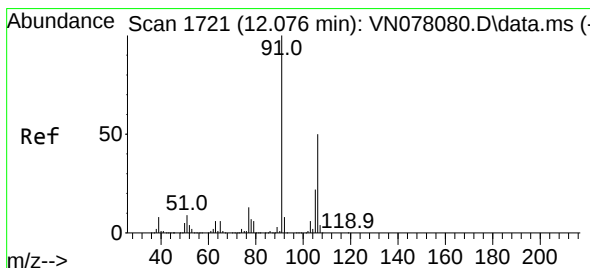
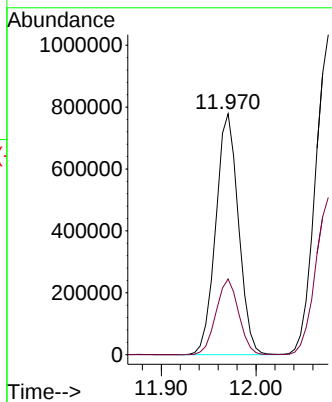
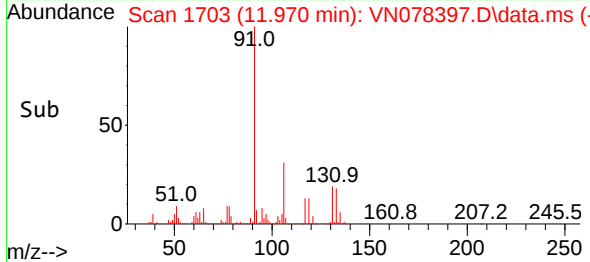
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



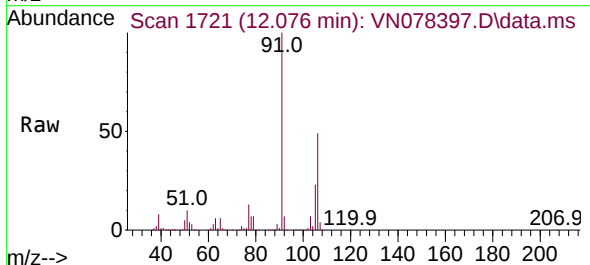
Tgt Ion: 91 Resp: 1297059
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

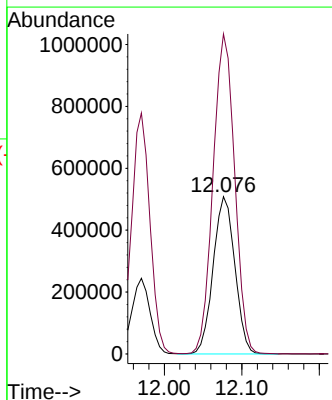
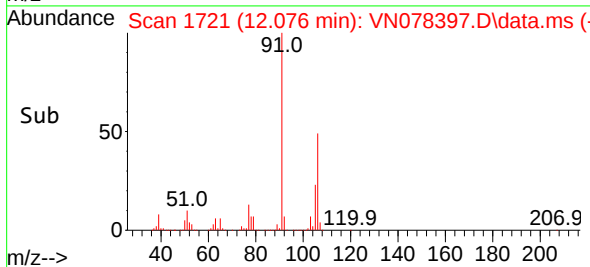
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

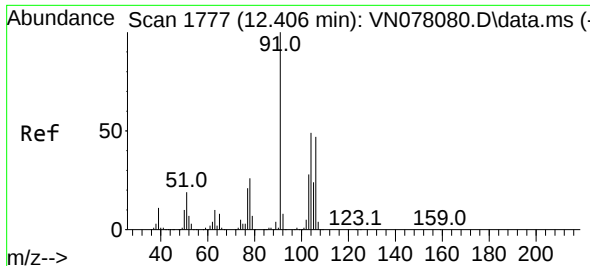


#68
m/p-Xylenes
Concen: 107.334 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion:106 Resp: 986557
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





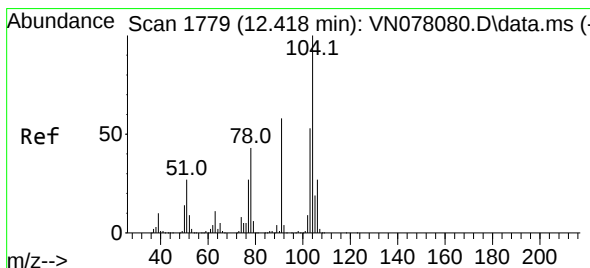
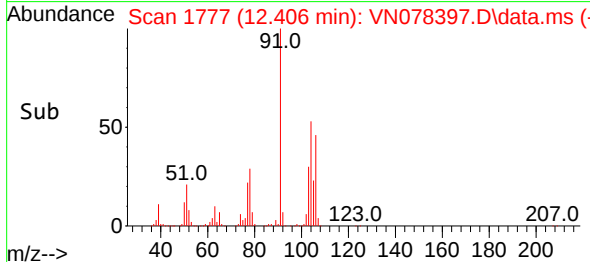
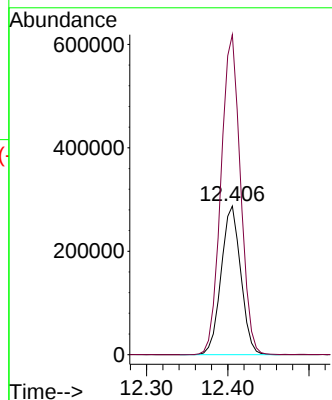
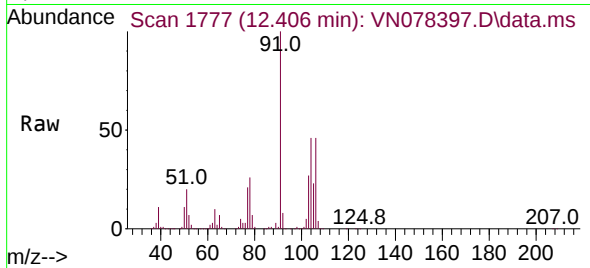
#69
o-Xylene
Concen: 53.447 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 48242
Ion Ratio Lower Upper
106 100
91 214.3 105.2 315.5

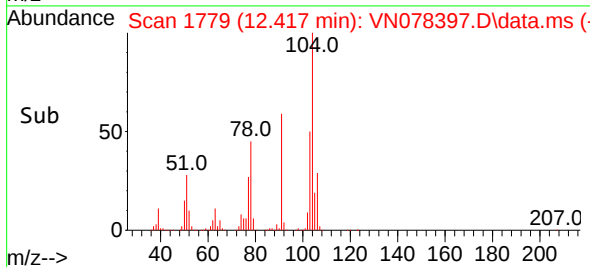
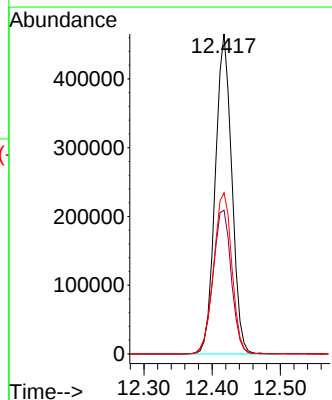
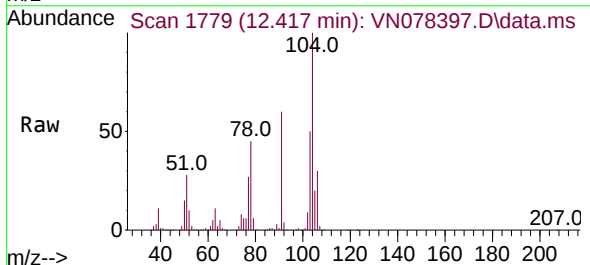
Manual Integrations
APPROVED

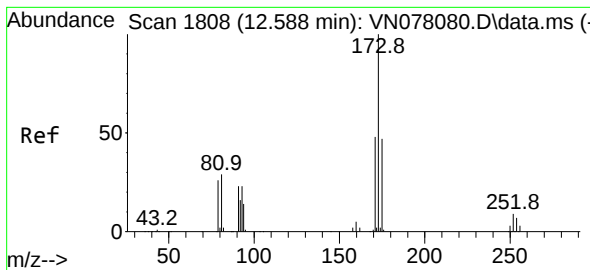
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#70
Styrene
Concen: 55.278 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

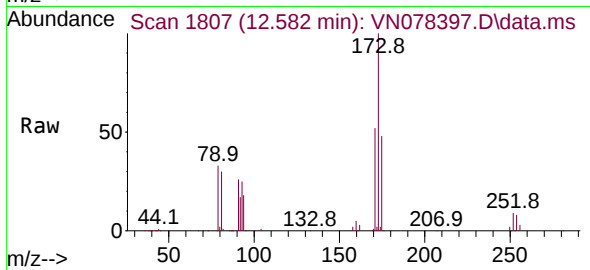
Tgt Ion:104 Resp: 785501
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 56.607 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

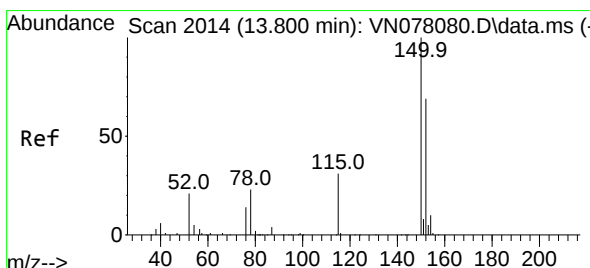
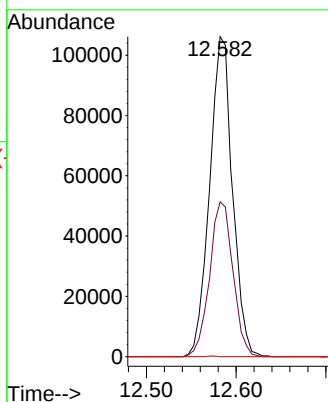
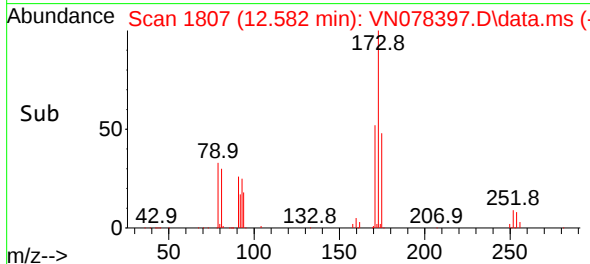
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



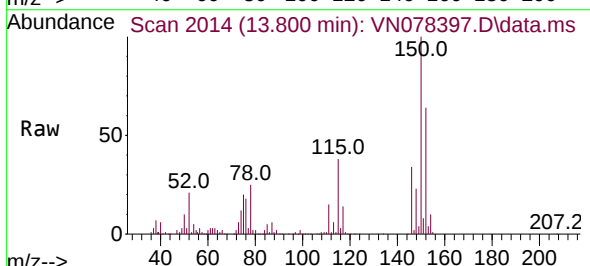
Tgt Ion:173 Resp: 187804
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

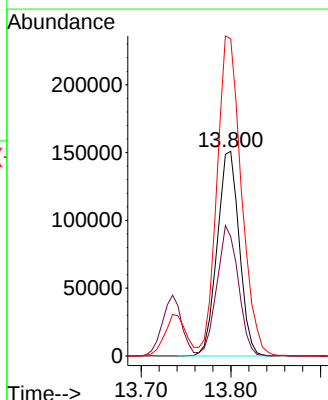
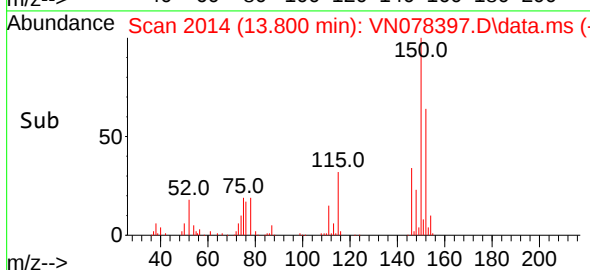
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

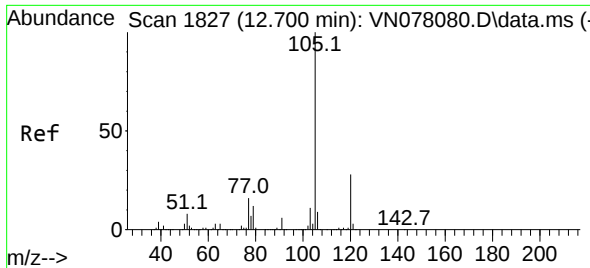


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion:152 Resp: 257321
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 172.9 0.0 355.8





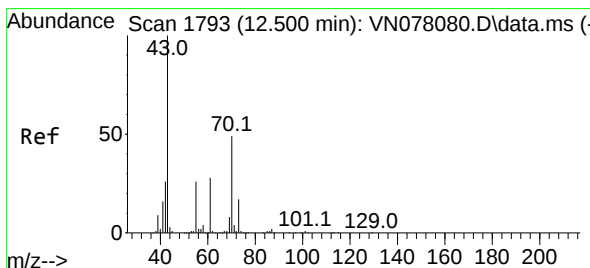
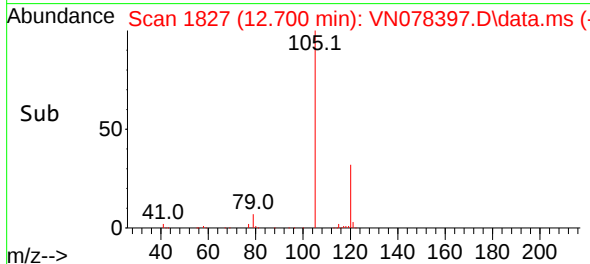
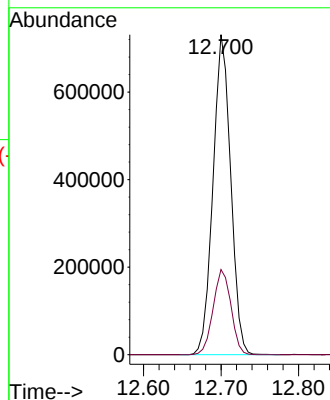
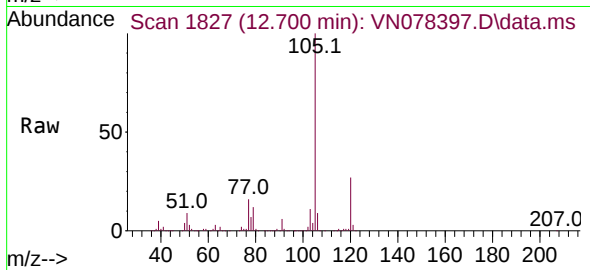
#73
Isopropylbenzene
Concen: 47.679 ug/l
RT: 12.700 min Scan# 1160189
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1160189
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

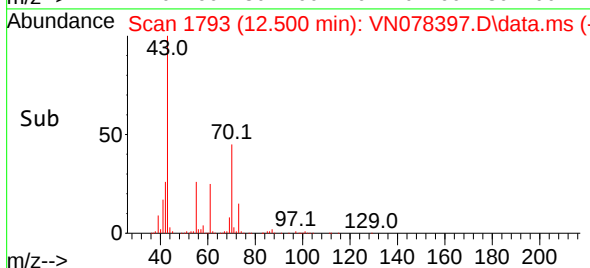
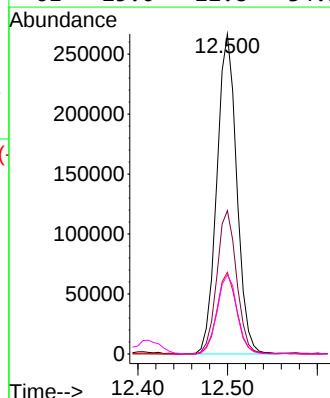
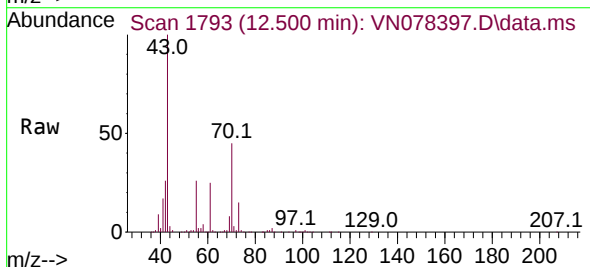
Manual Integrations
APPROVED

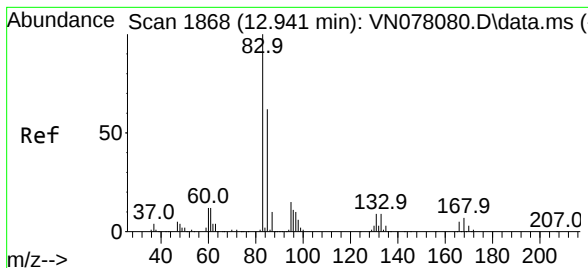
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#74
N-ethyl acetate
Concen: 51.268 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

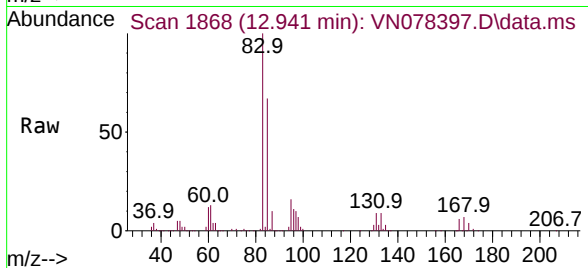
Tgt Ion: 43 Resp: 410813
Ion Ratio Lower Upper
43 100
70 44.5 43.4 65.2
55 25.5 21.4 32.0
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.031 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

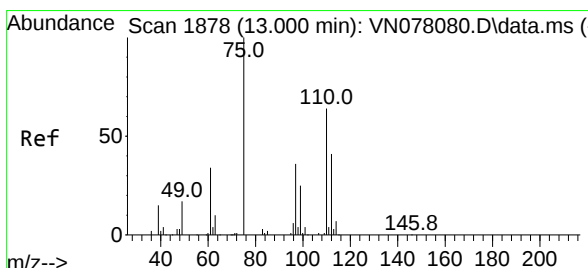
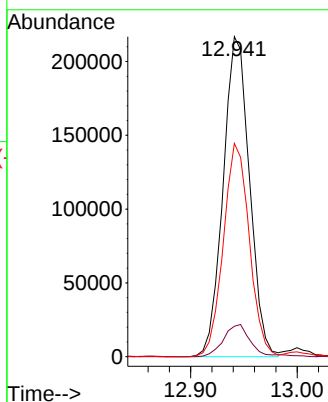
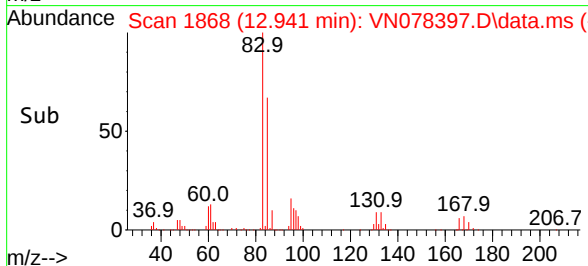
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



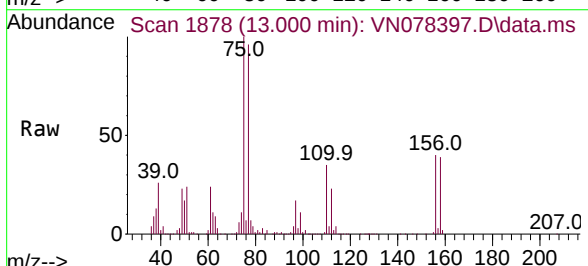
Tgt Ion: 83 Resp: 373010
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

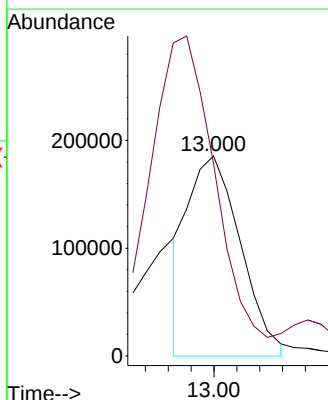
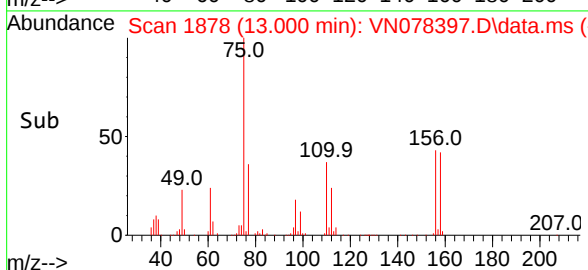
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

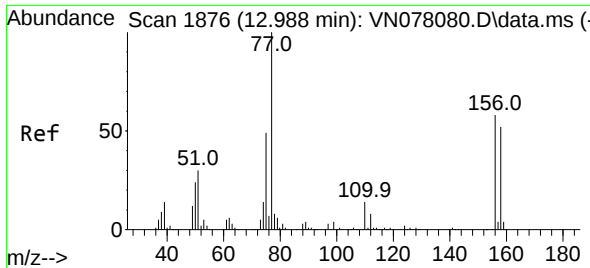


#76
1,2,3-Trichloropropane
Concen: 49.042 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



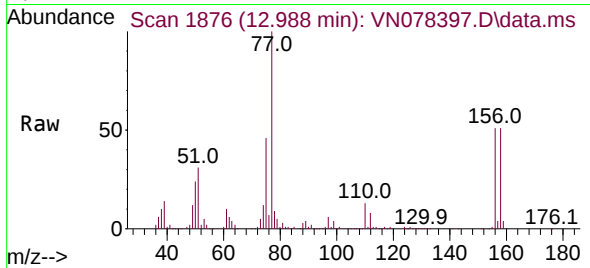
Tgt Ion: 75 Resp: 298329
Ion Ratio Lower Upper
75 100
77 201.5 84.5 253.5





#77
Bromobenzene
Concen: 48.932 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

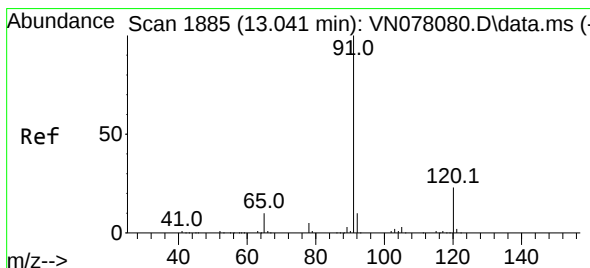
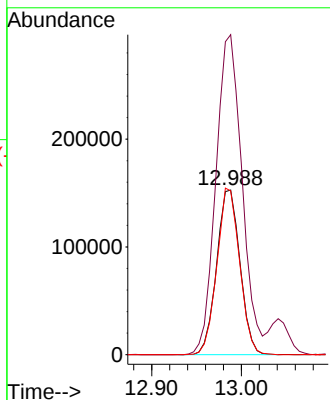
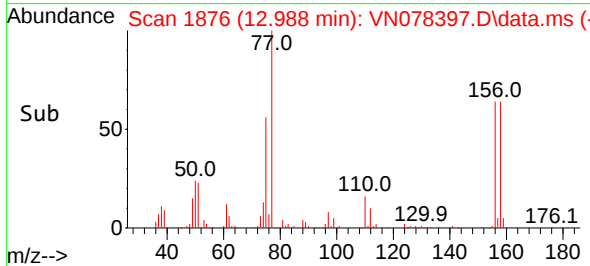
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 276397
Ion Ratio Lower Upper
156 100
77 217.5 107.7 323.3
158 98.2 48.4 145.3

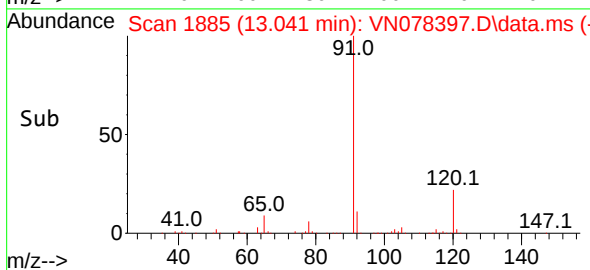
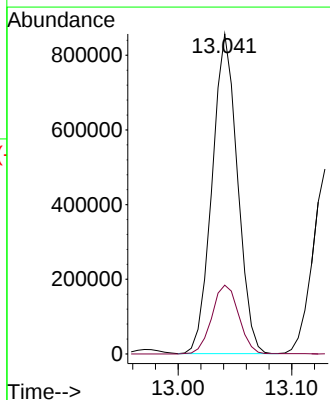
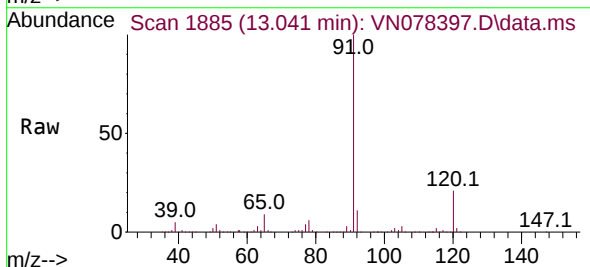
Manual Integrations
APPROVED

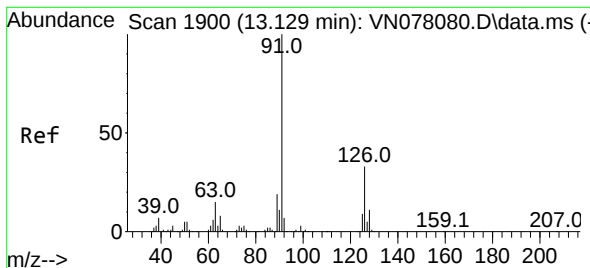
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#78
n-propylbenzene
Concen: 50.302 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Tgt Ion: 91 Resp: 1329850
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





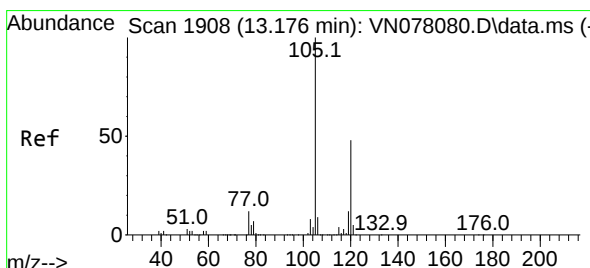
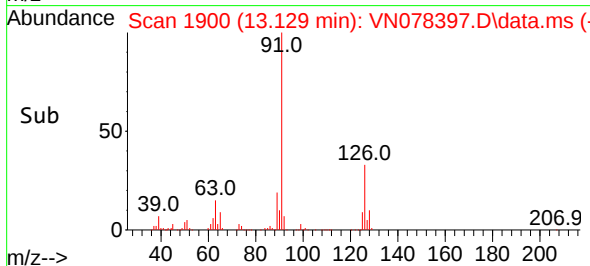
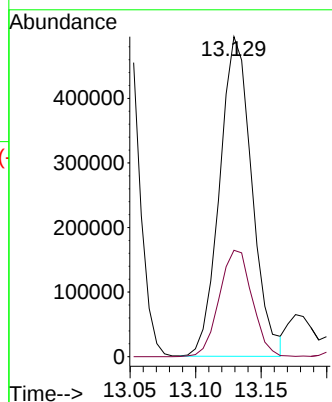
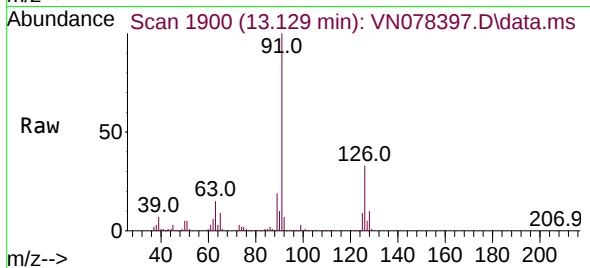
#79
2-Chlorotoluene
Concen: 49.708 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 84828
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

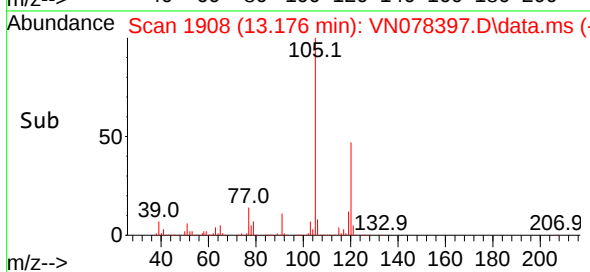
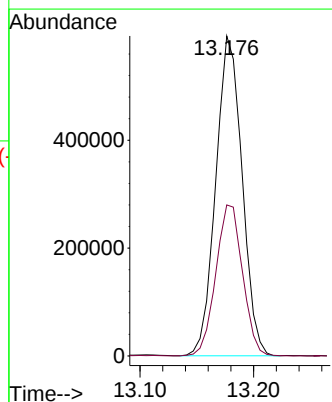
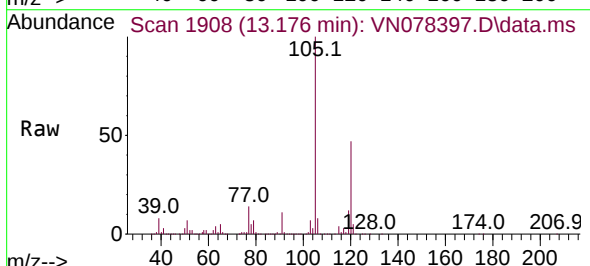
Manual Integrations
APPROVED

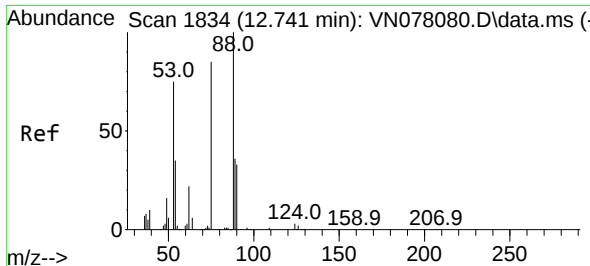
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.474 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

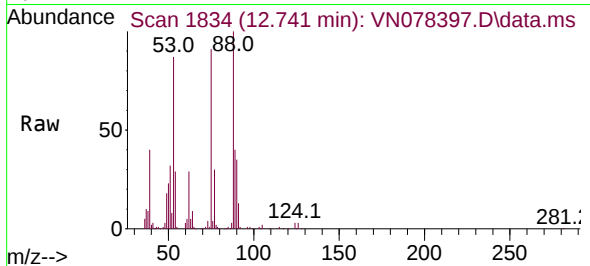
Tgt Ion:105 Resp: 954955
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.956 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

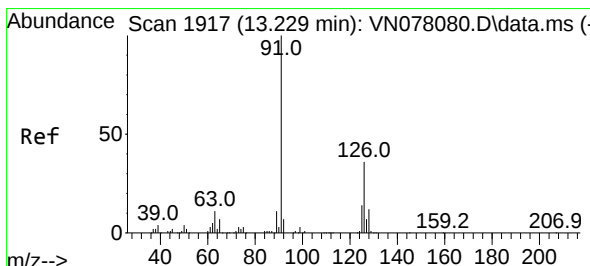
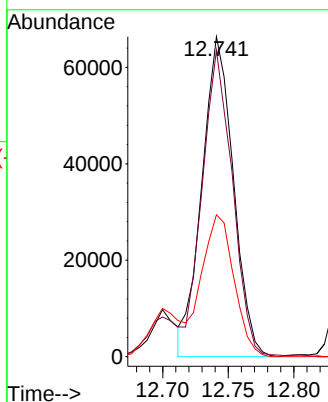
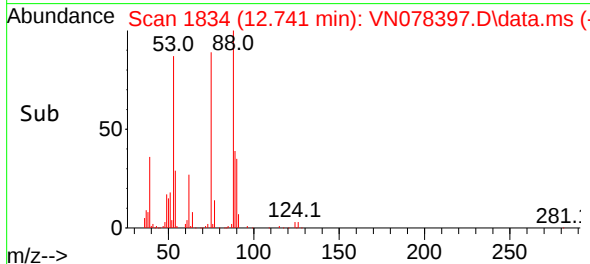
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 110792
Ion Ratio Lower Upper
75 100
53 90.4 67.4 101.2
89 45.3 38.8 58.2

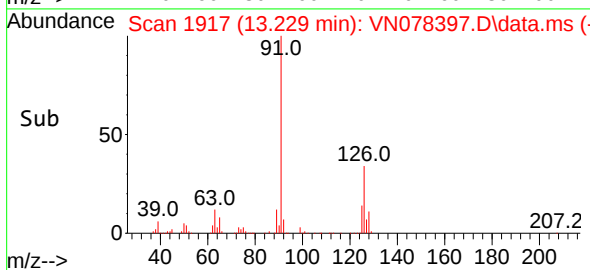
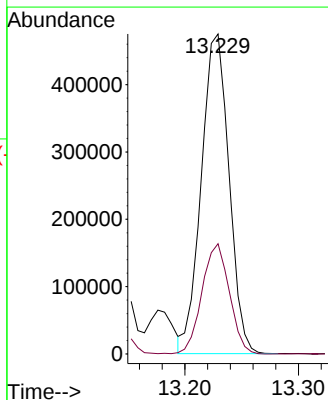
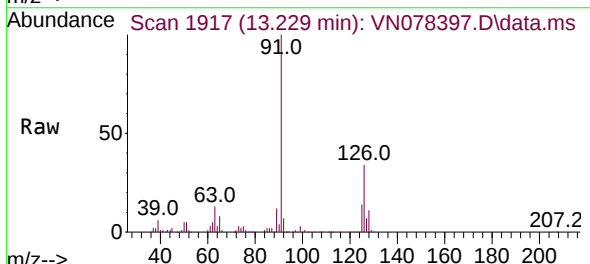
Manual Integrations
APPROVED

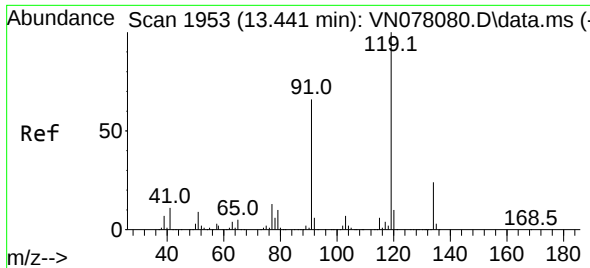
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#82
4-Chlorotoluene
Concen: 50.576 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

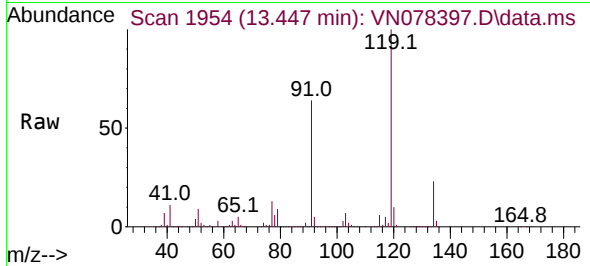
Tgt Ion: 91 Resp: 805528
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.465 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

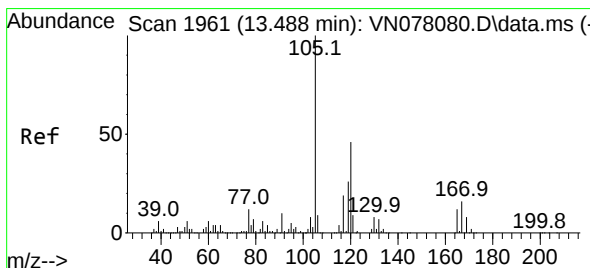
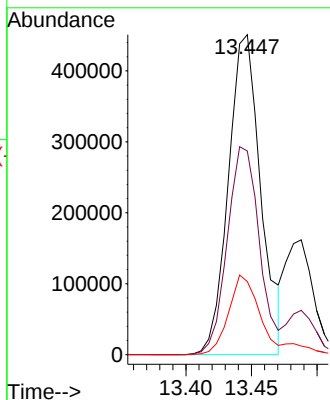
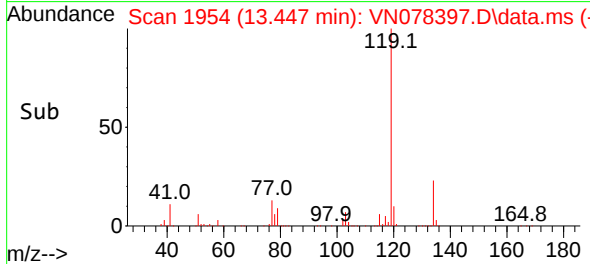
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



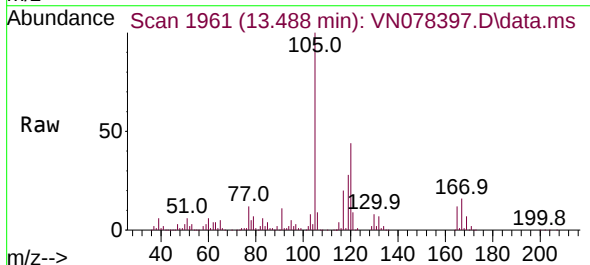
Tgt Ion:119 Resp: 77858
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

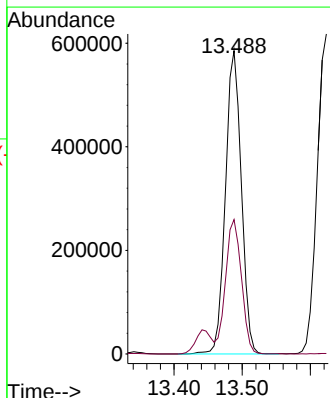
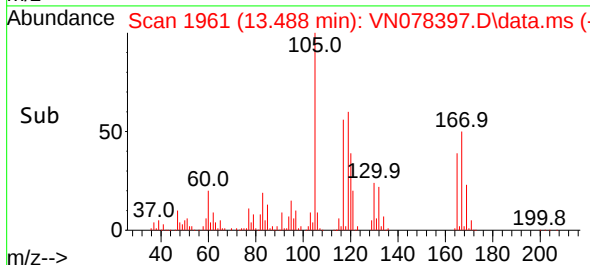
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

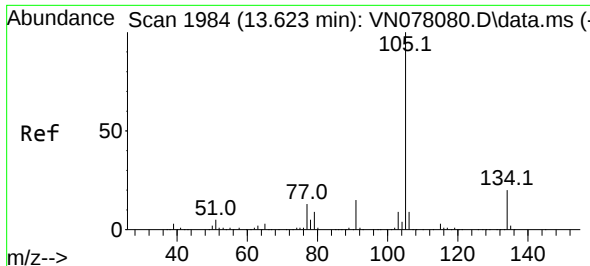


#84
1,2,4-Trimethylbenzene
Concen: 49.727 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion:105 Resp: 949791
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





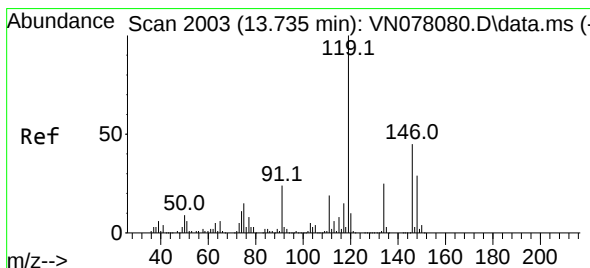
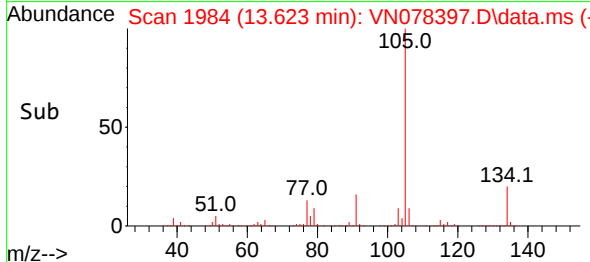
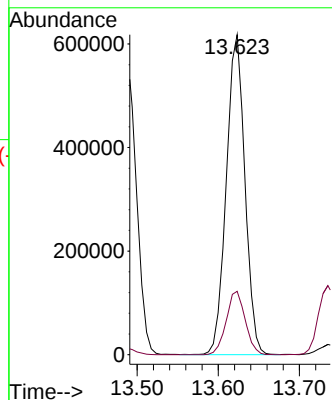
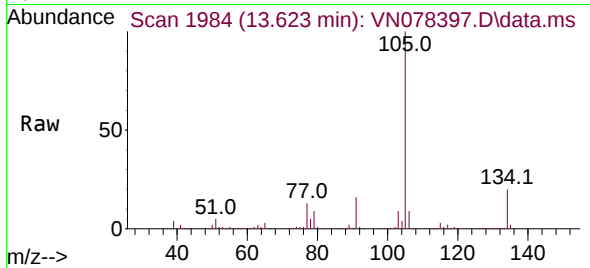
#85
 sec-Butylbenzene
 Concen: 43.848 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 982818
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

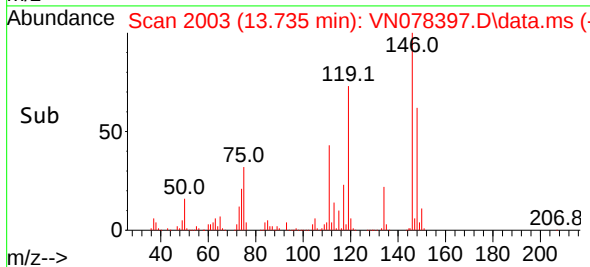
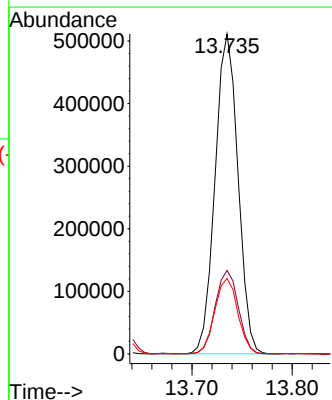
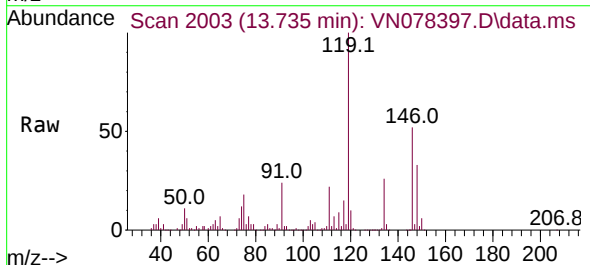
Manual Integrations
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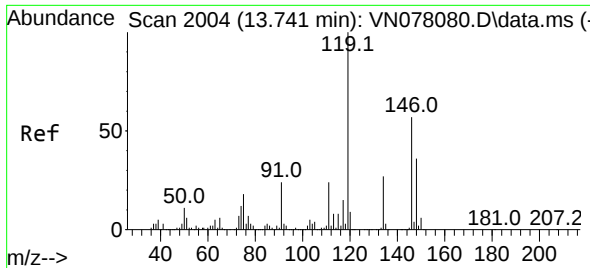
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#86
 p-Isopropyltoluene
 Concen: 44.520 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

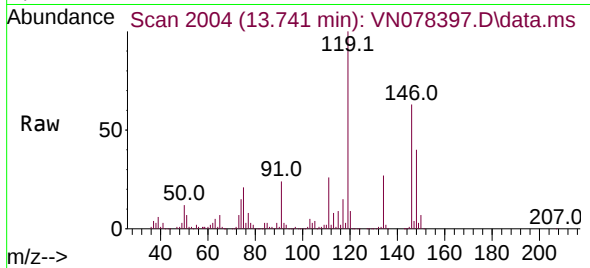
Tgt Ion:119 Resp: 809776
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 23.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.162 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15

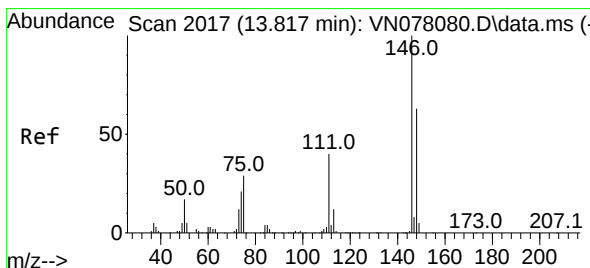
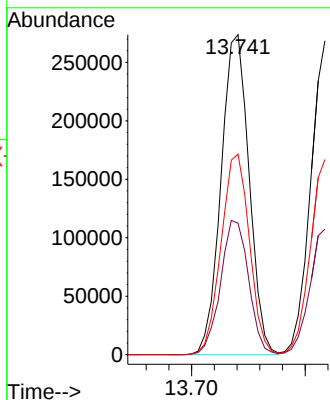
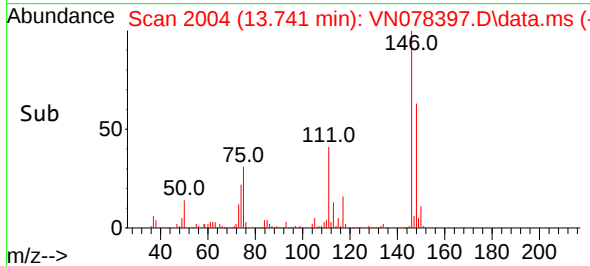
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



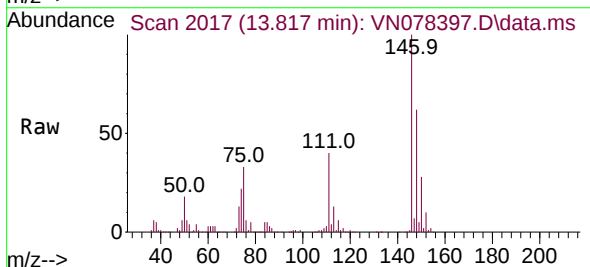
Tgt Ion:146 Resp: 469732
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.3
 148 63.4 32.0 96.0

Manual Integrations
 APPROVED

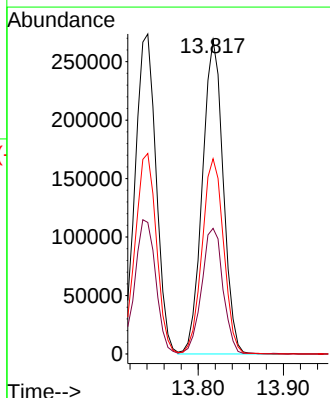
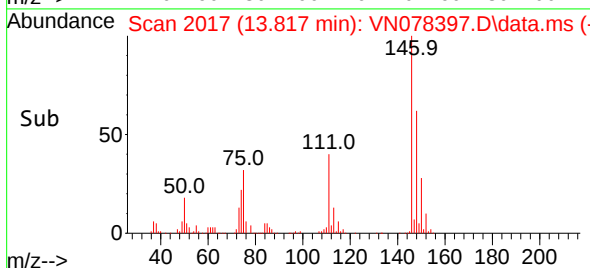
Reviewed By :John Carlone 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

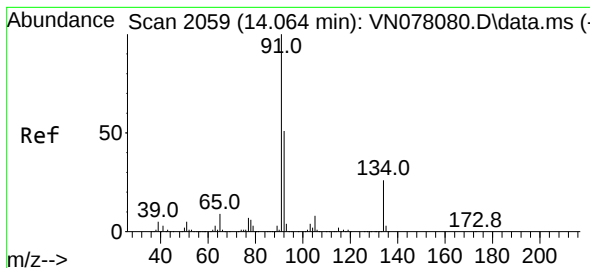


#88
 1,4-Dichlorobenzene
 Concen: 49.477 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078397.D
 Acq: 26 Jun 2023 11:15



Tgt Ion:146 Resp: 456168
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 41.904 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

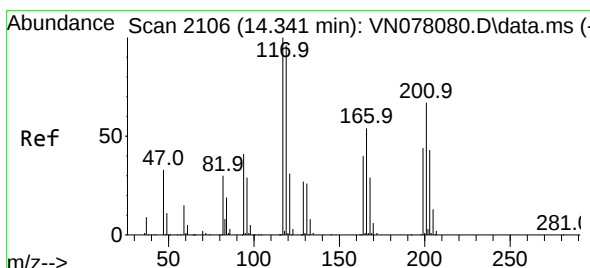
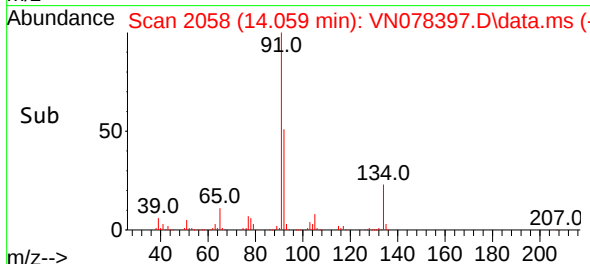
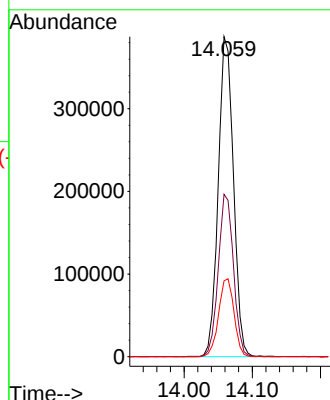
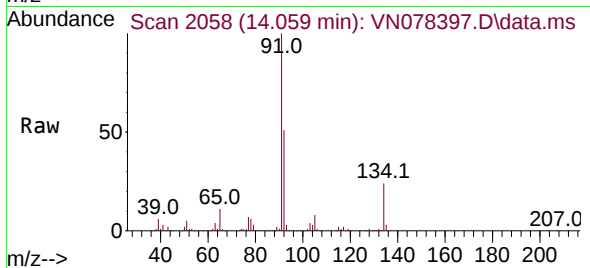
Tgt Ion:	91	Resp:	601190
Ion Ratio	Lower	Upper	
91	100		
92	50.7	26.4	79.0
134	24.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#90

Hexachloroethane

Concen: 47.305 ug/l

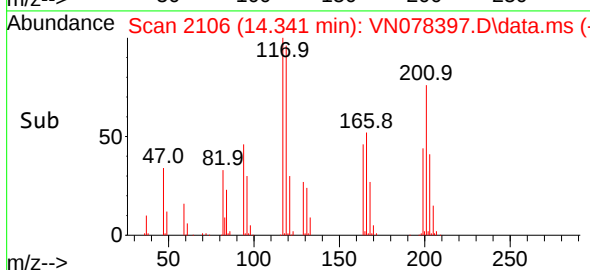
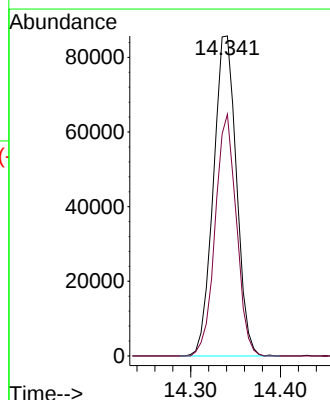
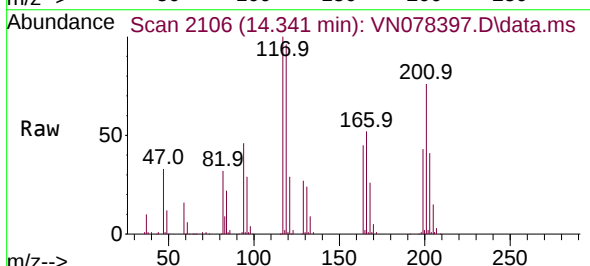
RT: 14.341 min Scan# 2106

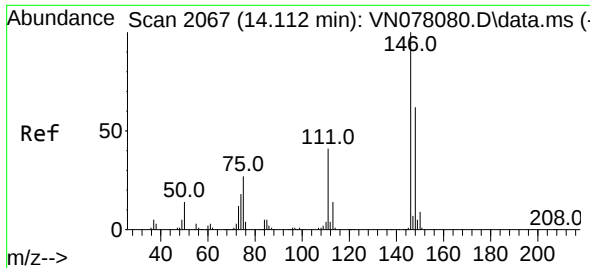
Delta R.T. -0.000 min

Lab File: VN078397.D

Acq: 26 Jun 2023 11:15

Tgt Ion:	117	Resp:	152695
Ion Ratio	Lower	Upper	
117	100		
201	69.5	29.3	88.0





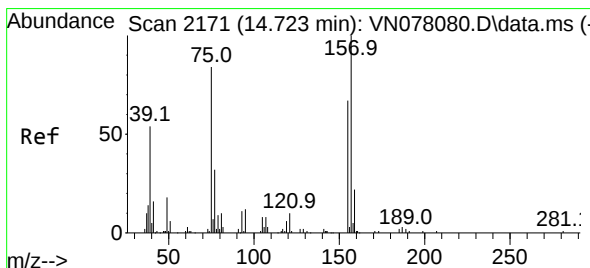
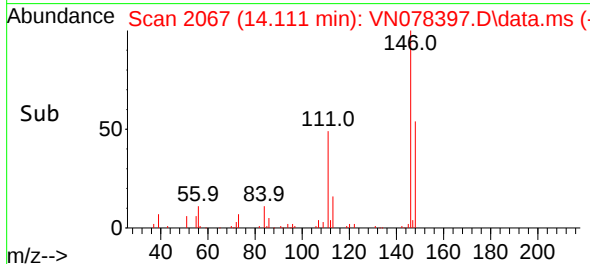
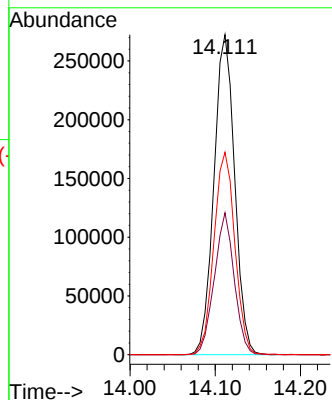
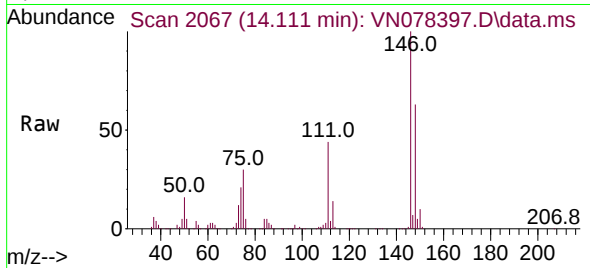
#91
1,2-Dichlorobenzene
Concen: 49.332 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 46066
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 63.9 31.8 95.3

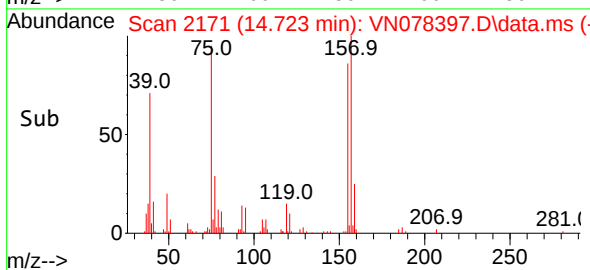
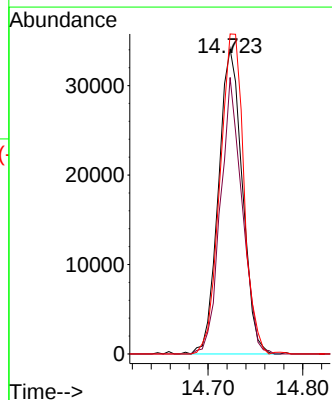
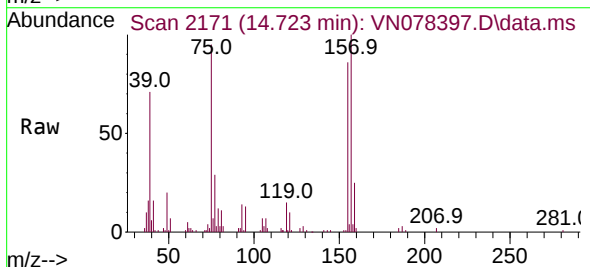
Manual Integrations
APPROVED

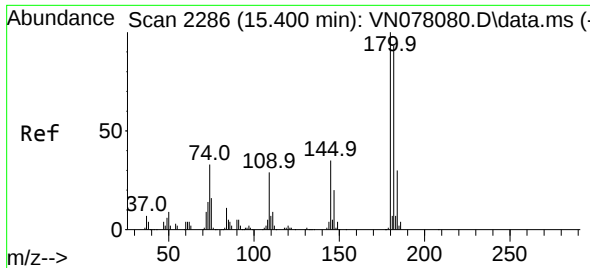
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.650 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

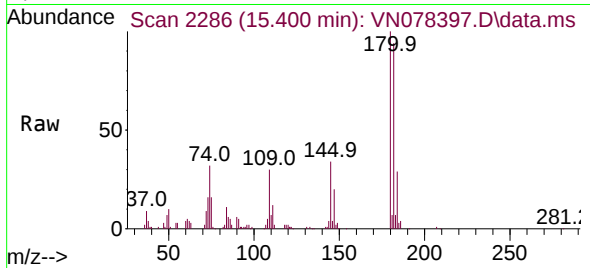
Tgt Ion: 75 Resp: 59842
Ion Ratio Lower Upper
75 100
155 82.0 39.1 117.2
157 104.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 41.883 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

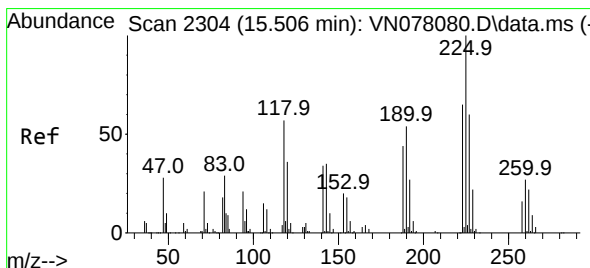
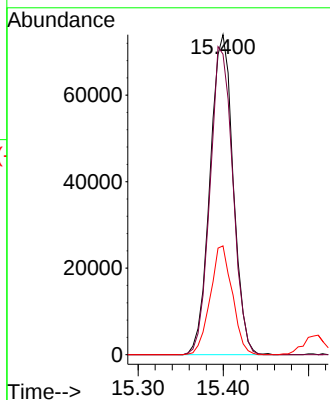
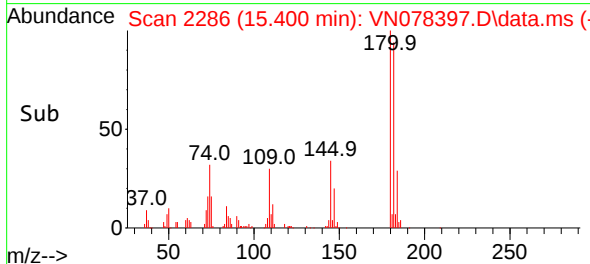
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



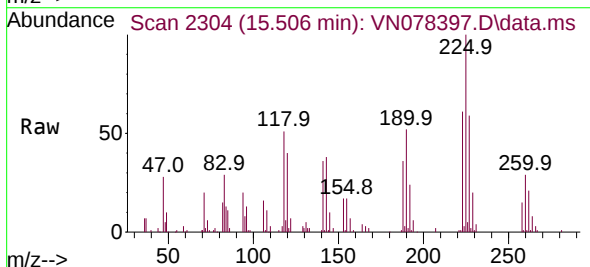
Tgt Ion:180 Resp: 139348
Ion Ratio Lower Upper
180 100
182 94.9 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
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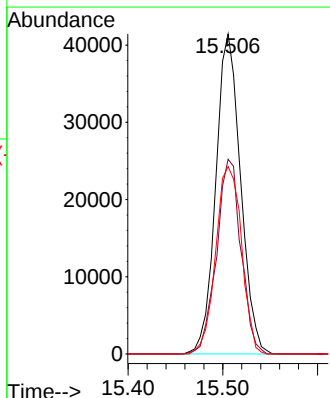
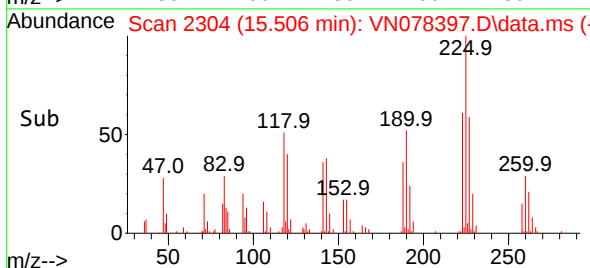
Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

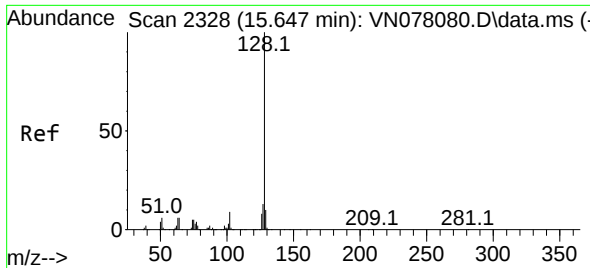


#94
Hexachlorobutadiene
Concen: 46.011 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



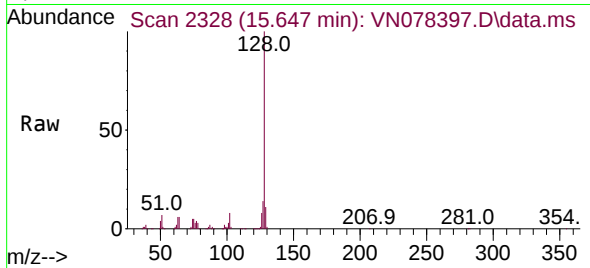
Tgt Ion:225 Resp: 75386
Ion Ratio Lower Upper
225 100
223 60.1 31.3 93.8
227 60.9 31.9 95.9





#95
Naphthalene
Concen: 40.235 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15

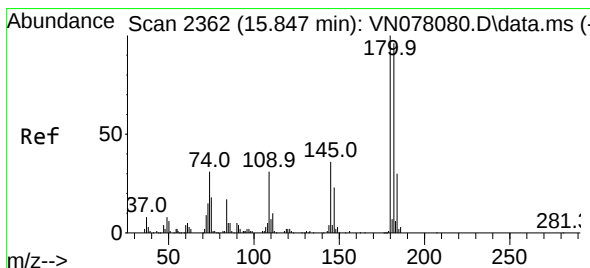
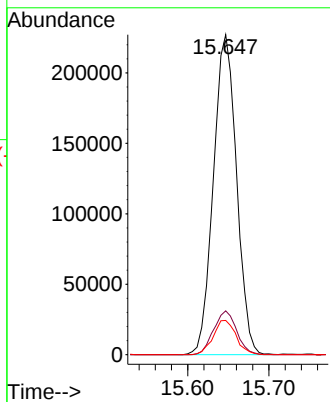
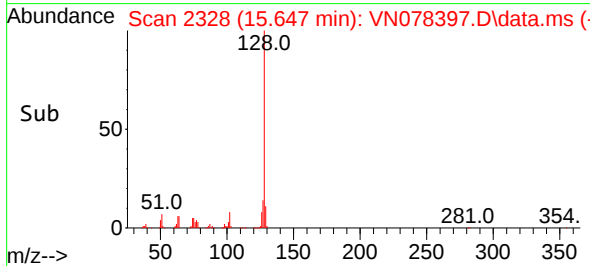
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



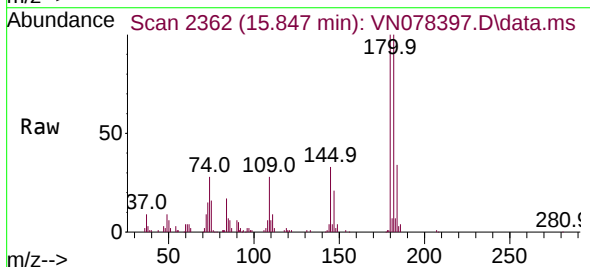
Tgt Ion:128 Resp: 45029
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.519 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078397.D
Acq: 26 Jun 2023 11:15



Tgt Ion:180 Resp: 154495
Ion Ratio Lower Upper
180 100
182 96.9 46.2 138.6
145 33.6 17.5 52.6

