

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078451.D
 Acq On : 10 Jul 2023 13:10
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: Jul 10 15:54:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:52:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	497495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	863649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	759512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	317914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261346	39.186	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.380%		
35) Dibromofluoromethane	8.171	113	227856	38.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.740%		
50) Toluene-d8	10.571	98	861588	38.902	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	77.800%#		
62) 4-Bromofluorobenzene	12.853	95	270837	39.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	242491	39.755	ug/l	97
3) Chloromethane	2.371	50	259063	39.076	ug/l	95
4) Vinyl Chloride	2.518	62	320248	37.342	ug/l	98
5) Bromomethane	2.953	94	233040	42.183	ug/l	93
6) Chloroethane	3.124	64	208323	39.762	ug/l	96
7) Trichlorofluoromethane	3.500	101	395288	38.558	ug/l	99
8) Diethyl Ether	3.971	74	136958	40.097	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	215685	39.744	ug/l	97
10) Methyl Iodide	4.600	142	304539	40.837	ug/l	97
11) Tert butyl alcohol	5.530	59	207094	201.365	ug/l	100
12) 1,1-Dichloroethene	4.347	96	208230	39.667	ug/l	88
13) Acrolein	4.189	56	212550	210.060	ug/l	96
14) Allyl chloride	5.036	41	304925	42.510	ug/l	93
15) Acrylonitrile	5.736	53	541707	208.469	ug/l	99
16) Acetone	4.442	43	411220	197.936	ug/l	95
17) Carbon Disulfide	4.718	76	572457	37.712	ug/l	97
18) Methyl Acetate	5.036	43	344844	39.211	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	711459	41.134	ug/l	100
20) Methylene Chloride	5.289	84	248597	40.424	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	235367	39.788	ug/l #	80
22) Diisopropyl ether	6.683	45	667069	41.532	ug/l	96
23) Vinyl Acetate	6.618	43	2166439	212.168	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	422735	39.060	ug/l	98
25) 2-Butanone	7.494	43	678391	207.439	ug/l	89
26) 2,2-Dichloropropane	7.500	77	356772	40.304	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	277094	40.492	ug/l	95
28) Bromochloromethane	7.818	49	200732	39.378	ug/l	93
29) Tetrahydrofuran	7.847	42	446049	207.863	ug/l	86
30) Chloroform	7.971	83	459616	40.791	ug/l	94
31) Cyclohexane	8.265	56	350878	38.928	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	415202	41.100	ug/l	96
36) 1,1-Dichloropropene	8.377	75	339938	40.157	ug/l	98
37) Ethyl Acetate	7.571	43	294938	41.795	ug/l	95
38) Carbon Tetrachloride	8.371	117	376705	40.945	ug/l	97
39) Methylcyclohexane	9.612	83	313223	40.536	ug/l	93
40) Benzene	8.612	78	1021262	40.722	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078451.D
 Acq On : 10 Jul 2023 13:10
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: Jul 10 15:54:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:52:56 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	145128	40.342	ug/l	93
42) 1,2-Dichloroethane	8.677	62	336345	39.429	ug/l	99
43) Isopropyl Acetate	8.694	43	489622	42.143	ug/l	94
44) Trichloroethene	9.359	130	267689	39.603	ug/l	95
45) 1,2-Dichloropropane	9.629	63	254219	40.023	ug/l	96
46) Dibromomethane	9.712	93	183848	41.124	ug/l	92
47) Bromodichloromethane	9.894	83	360787	40.259	ug/l	95
48) Methyl methacrylate	9.688	41	223368	41.499	ug/l	92
49) 1,4-Dioxane	9.700	88	95194	810.969	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1474393	213.353	ug/l	94
52) Toluene	10.635	92	646394	41.587	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	384861	41.920	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	415396	42.447	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	248775	40.623	ug/l	96
56) Ethyl methacrylate	10.882	69	361395	42.216	ug/l #	89
57) 1,3-Dichloropropane	11.170	76	420094	40.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	644098	211.125	ug/l	93
59) 2-Hexanone	11.200	43	1057107	215.235	ug/l	92
60) Dibromochloromethane	11.365	129	280365	41.469	ug/l	99
61) 1,2-Dibromoethane	11.476	107	263350	41.745	ug/l	97
64) Tetrachloroethene	11.112	164	236578	41.431	ug/l	96
65) Chlorobenzene	11.900	112	682832	40.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	264094	40.437	ug/l	97
67) Ethyl Benzene	11.970	91	1193910	41.605	ug/l	100
68) m/p-Xylenes	12.076	106	905406	85.335	ug/l	97
69) o-Xylene	12.406	106	440325	41.088	ug/l	96
70) Styrene	12.417	104	723105	43.130	ug/l	99
71) Bromoform	12.582	173	188750	42.673	ug/l #	100
73) Isopropylbenzene	12.700	105	1104817	36.984	ug/l	99
74) N-amyl acetate	12.500	43	388381	37.727	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	355158	42.076	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	290690m	37.872	ug/l	
77) Bromobenzene	12.988	156	268189	41.006	ug/l	95
78) n-propylbenzene	13.041	91	1242491	38.892	ug/l	100
79) 2-Chlorotoluene	13.129	91	775129	37.042	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	905907	38.381	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	108755	37.191	ug/l	95
82) 4-Chlorotoluene	13.229	91	743995	38.113	ug/l	97
83) tert-Butylbenzene	13.447	119	745533	37.204	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	906971	39.560	ug/l	99
85) sec-Butylbenzene	13.623	105	951488	37.565	ug/l	98
86) p-Isopropyltoluene	13.735	119	797311	39.202	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	447101	38.987	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	434810	37.642	ug/l	99
89) n-Butylbenzene	14.064	91	595980	40.954	ug/l	98
90) Hexachloroethane	14.341	117	149143	39.729	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	440096	38.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60119	41.720	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	148938	40.890	ug/l	97
94) Hexachlorobutadiene	15.506	225	78543	40.933	ug/l	98
95) Naphthalene	15.647	128	492797	39.576	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	167339	39.955	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
Data File : VN078451.D
Acq On : 10 Jul 2023 13:10
Operator : JC\MD
Sample : VSTDICC040
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

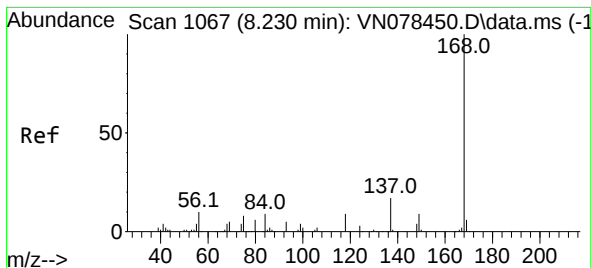
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:54:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 15:52:56 2023
Response via : Initial Calibration

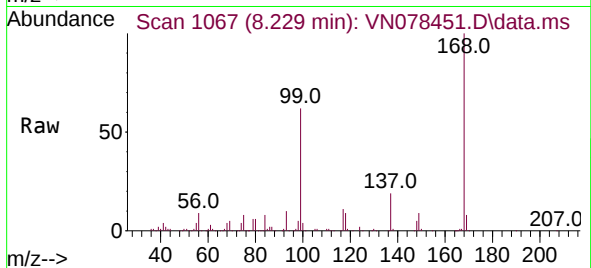
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

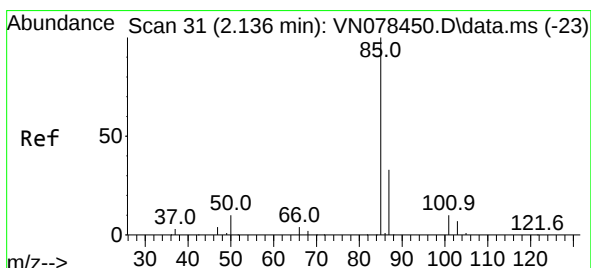
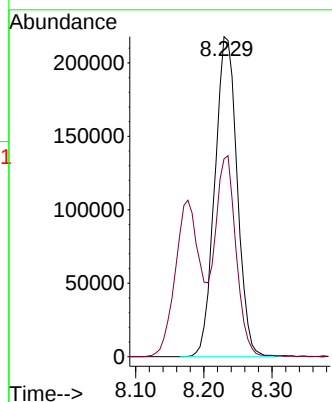
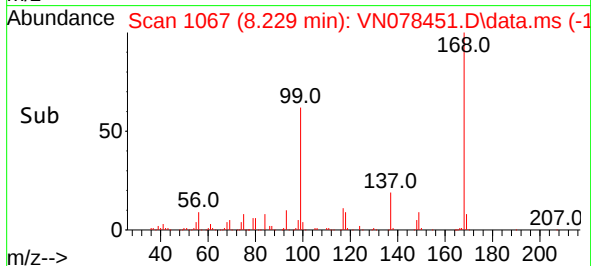
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:168 Resp: 497495
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

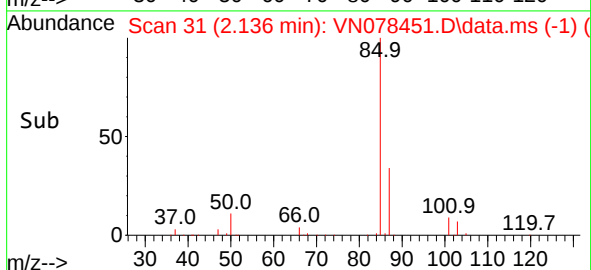
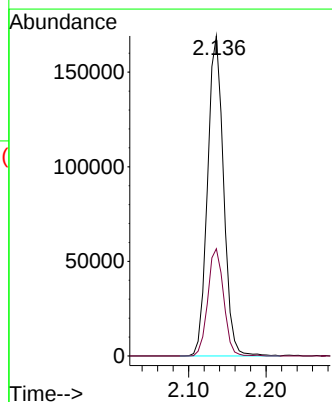
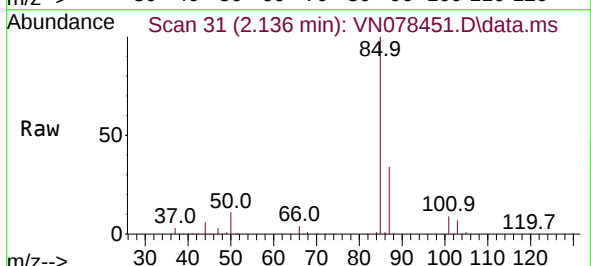
Manual Integrations
APPROVED

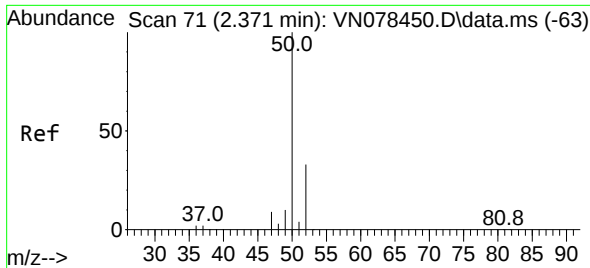
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 39.755 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 85 Resp: 242491
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





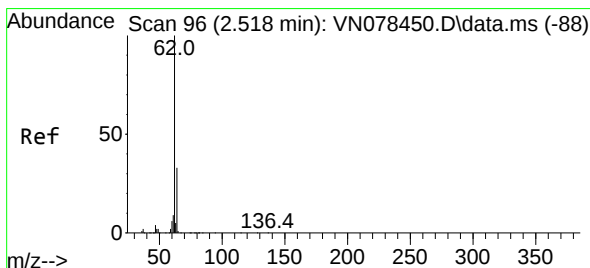
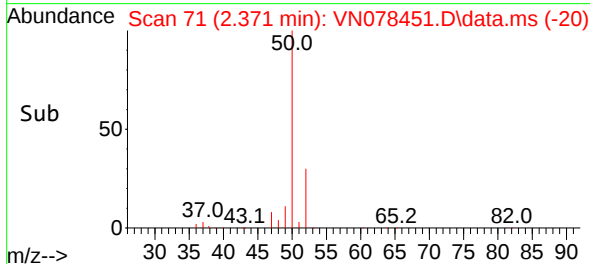
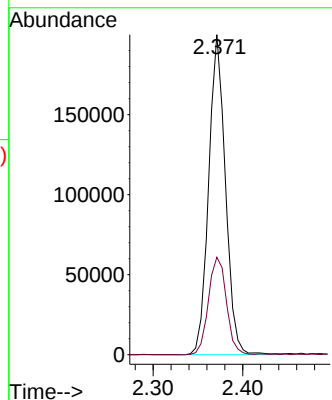
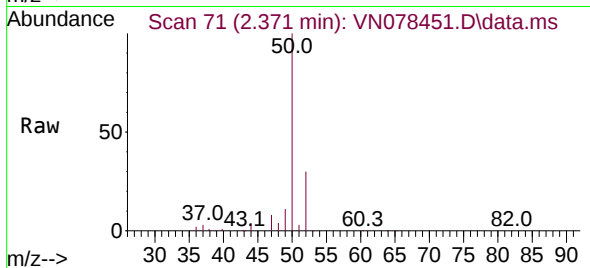
#3
Chloromethane
Concen: 39.076 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 50 Resp: 25906
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7

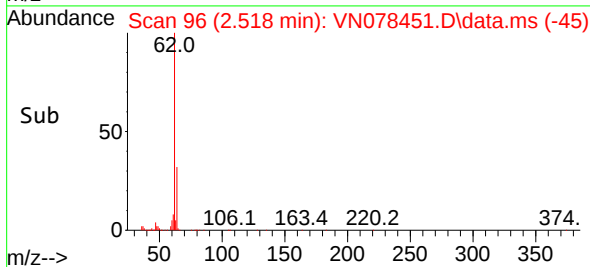
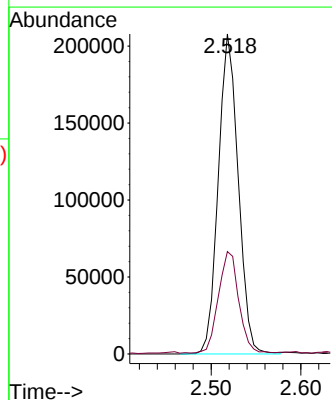
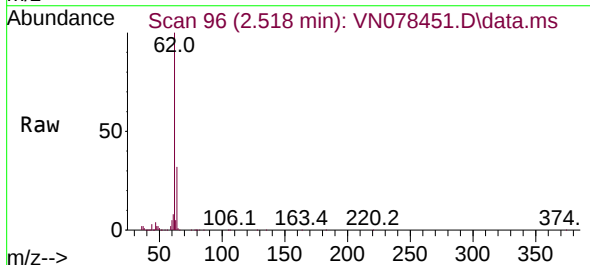
Manual Integrations
APPROVED

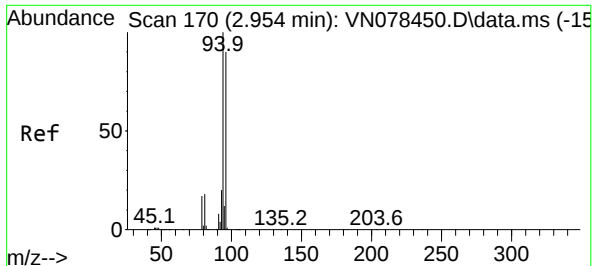
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Vinyl Chloride
Concen: 37.342 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 62 Resp: 320248
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





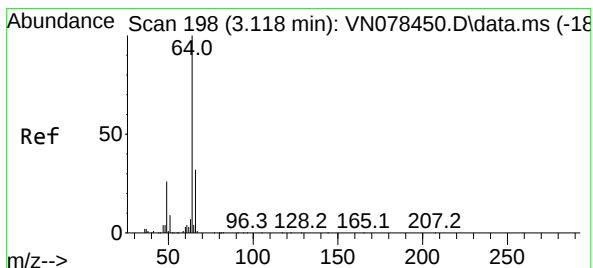
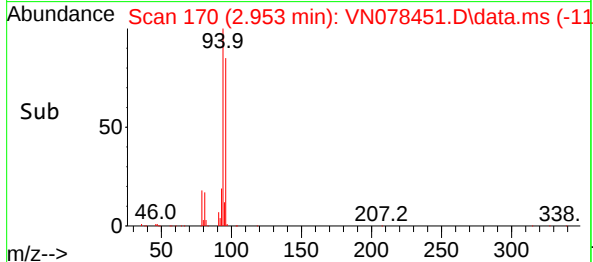
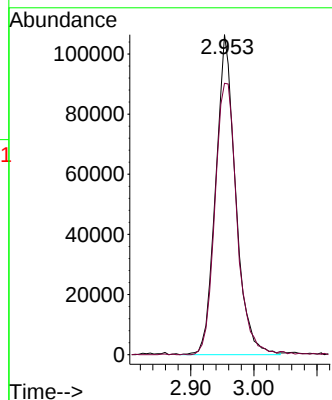
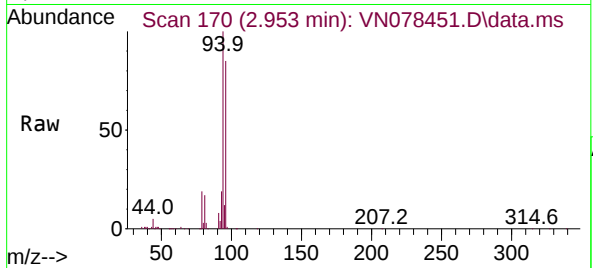
#5
Bromomethane
Concen: 42.183 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 94 Resp: 233040
Ion Ratio Lower Upper
94 100
96 84.8 73.1 109.7

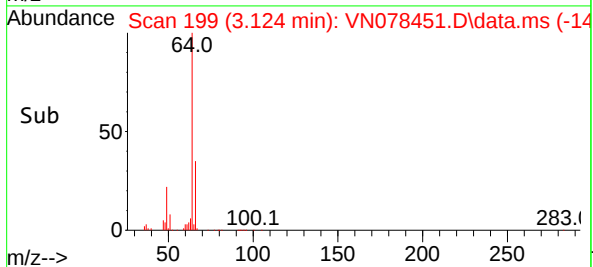
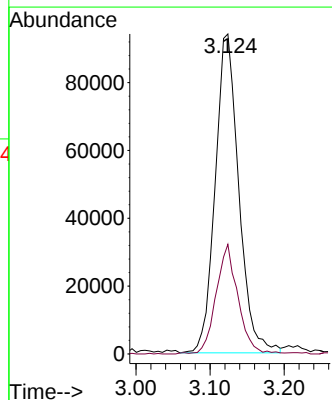
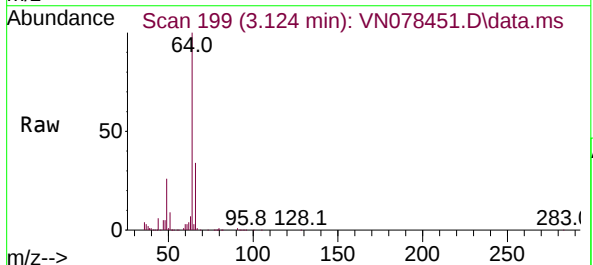
Manual Integrations
APPROVED

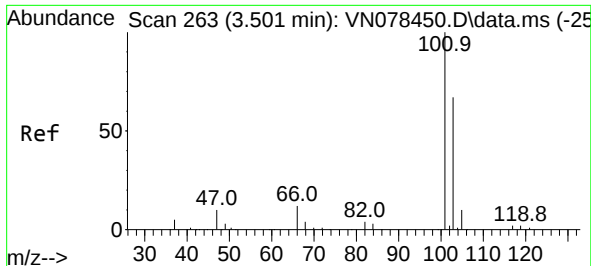
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#6
Chloroethane
Concen: 39.762 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

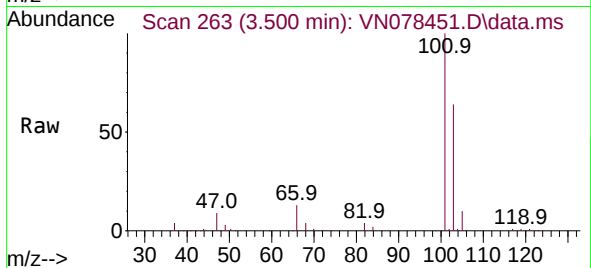
Tgt Ion: 64 Resp: 208323
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 38.558 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

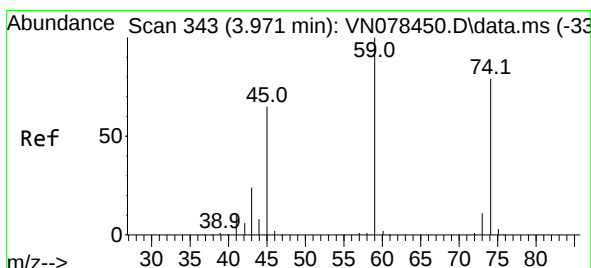
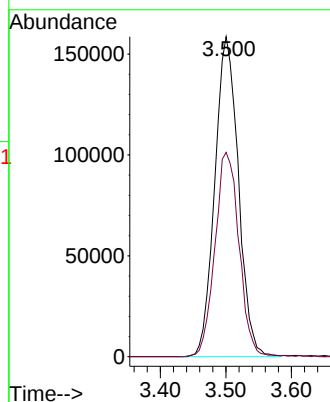
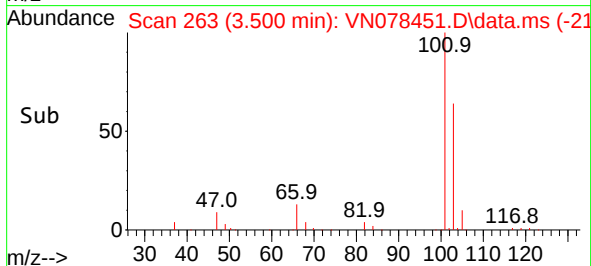
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:101 Resp: 39528
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

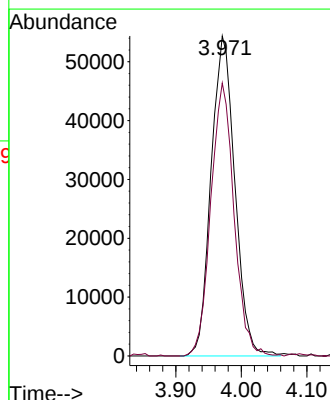
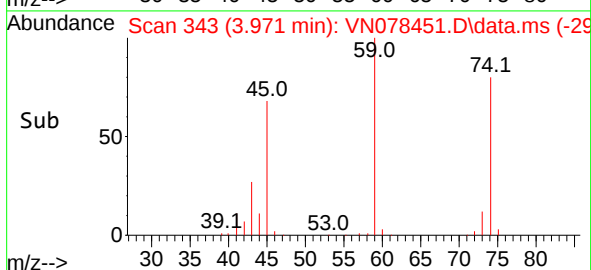
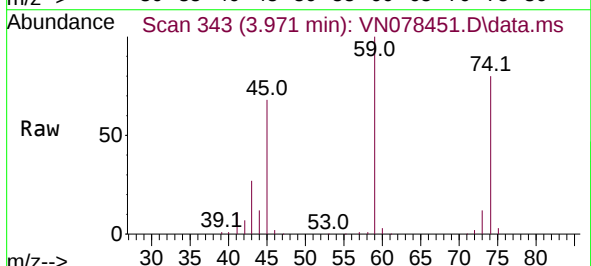
Manual Integrations
APPROVED

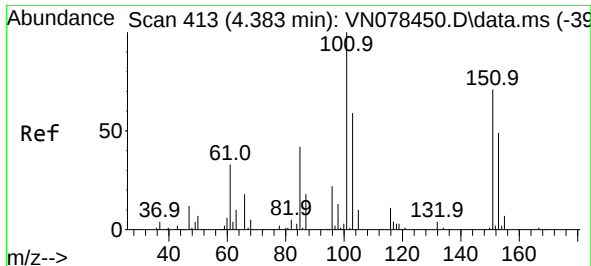
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Diethyl Ether
Concen: 40.097 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 74 Resp: 136958
Ion Ratio Lower Upper
74 100
45 83.2 34.4 103.3





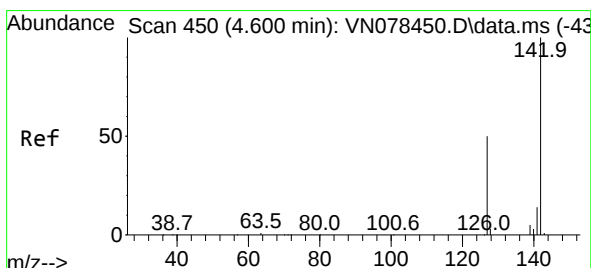
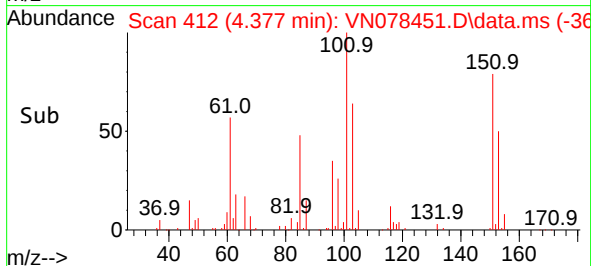
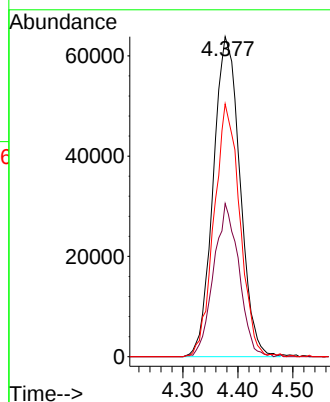
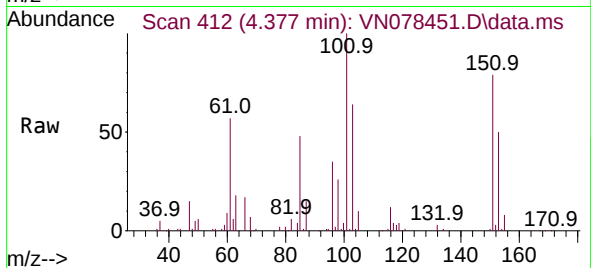
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.744 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:101 Resp: 21568
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.0 57.6 86.4

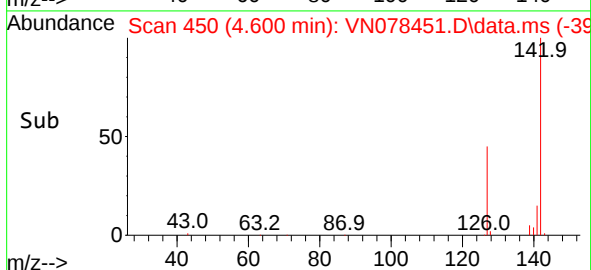
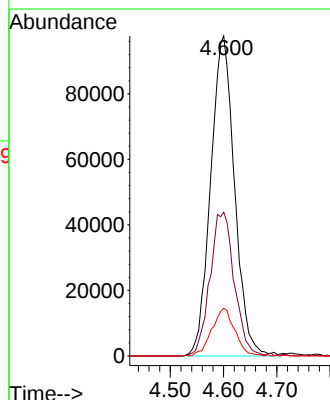
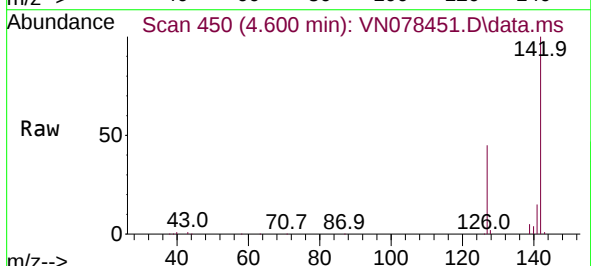
Manual Integrations
APPROVED

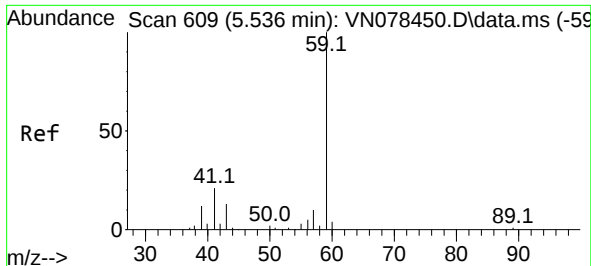
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 40.837 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion:142 Resp: 304539
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.9 11.4 17.0





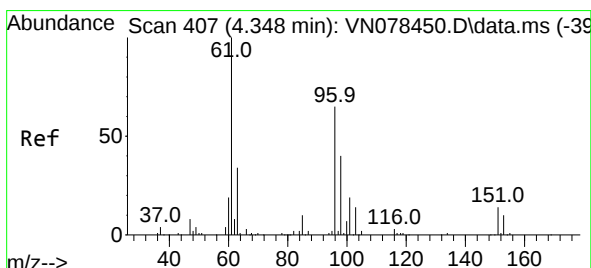
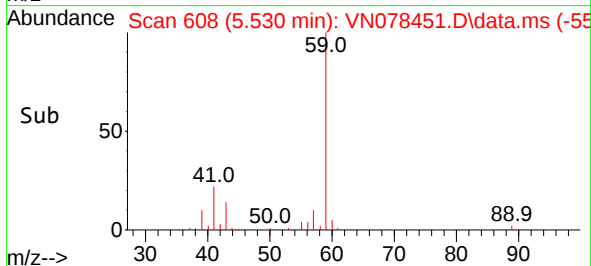
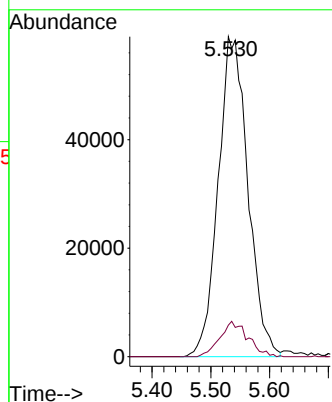
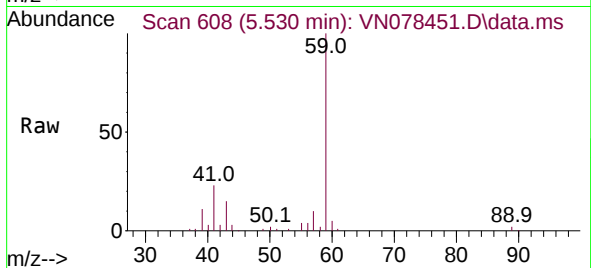
#11
Tert butyl alcohol
Concen: 201.365 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion: 59 Resp: 207094
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

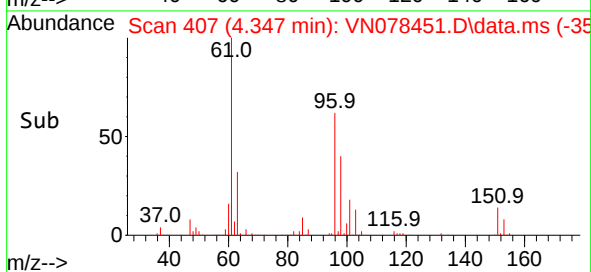
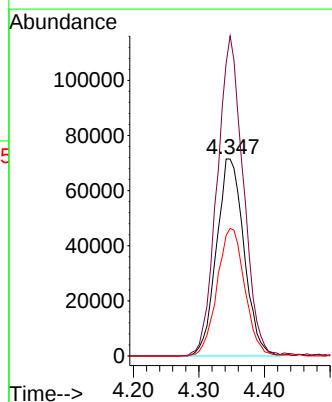
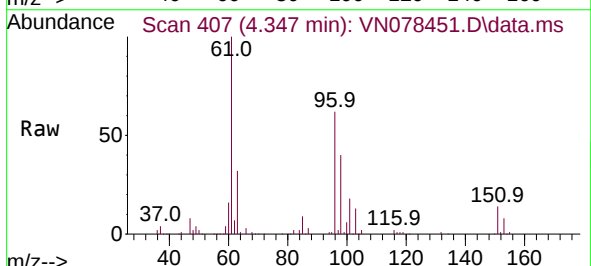
Manual Integrations
APPROVED

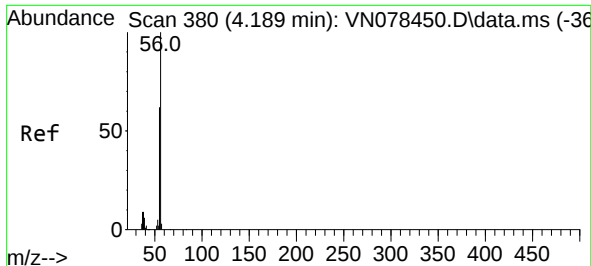
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1-Dichloroethene
Concen: 39.667 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

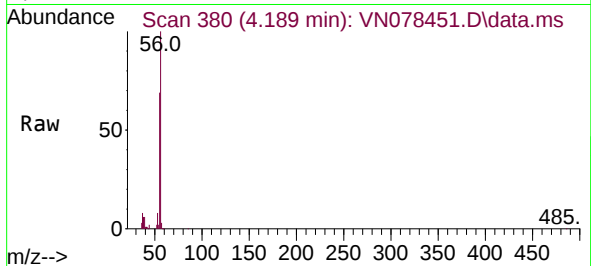
Tgt Ion: 96 Resp: 208230
Ion Ratio Lower Upper
96 100
61 162.5 112.7 169.1
98 64.8 51.2 76.8





#13
Acrolein
Concen: 210.060 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

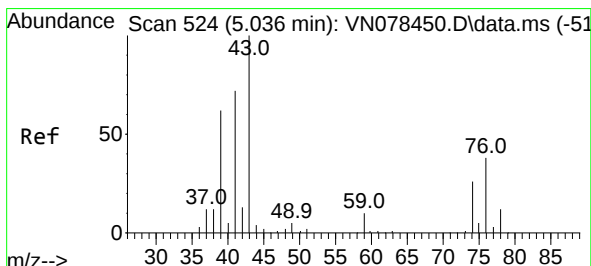
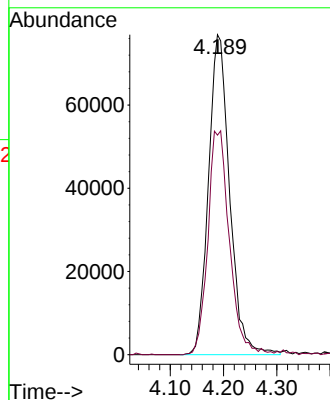
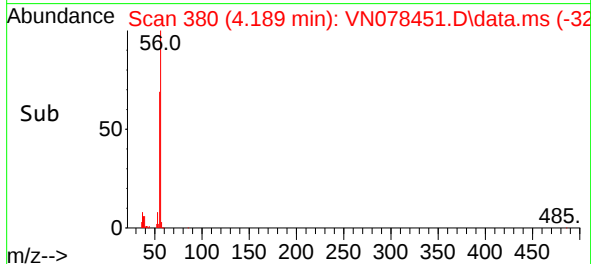
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



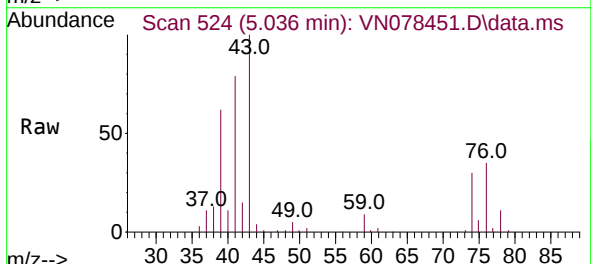
Tgt Ion: 56 Resp: 212550
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

Manual Integrations
APPROVED

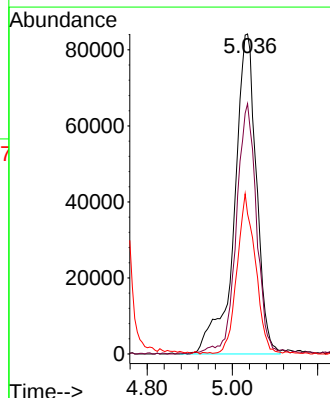
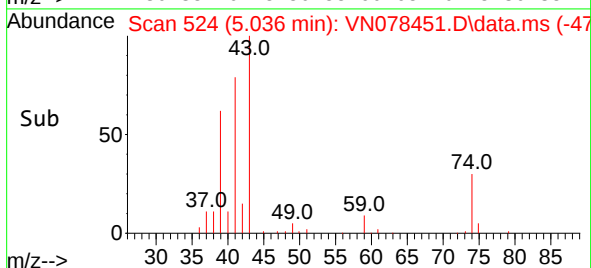
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

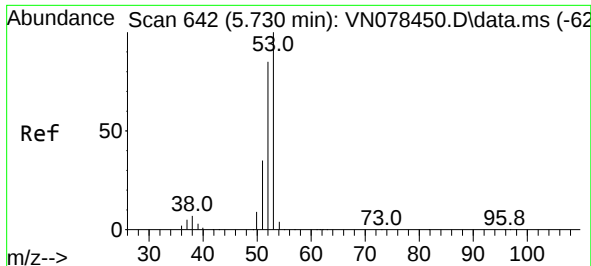


#14
Allyl chloride
Concen: 42.510 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



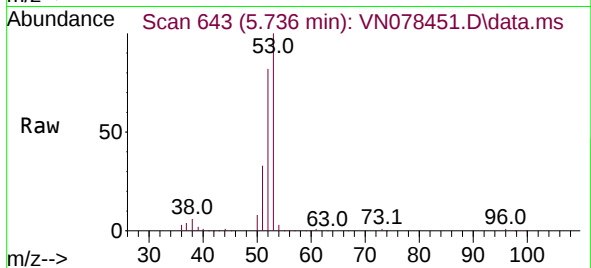
Tgt Ion: 41 Resp: 304925
Ion Ratio Lower Upper
41 100
39 69.6 58.8 88.2
76 41.0 39.1 58.7





#15
Acrylonitrile
Concen: 208.469 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

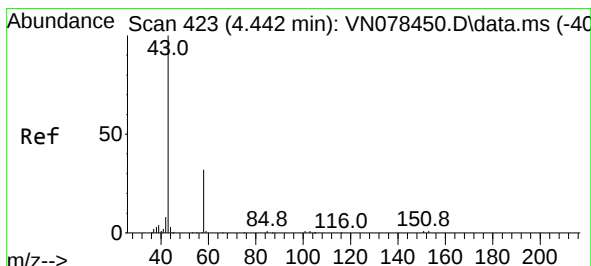
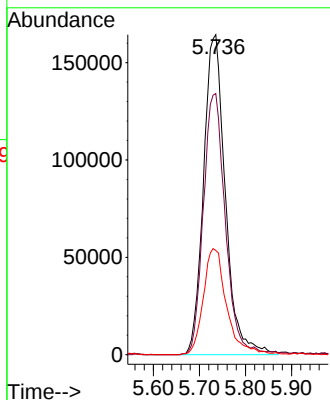
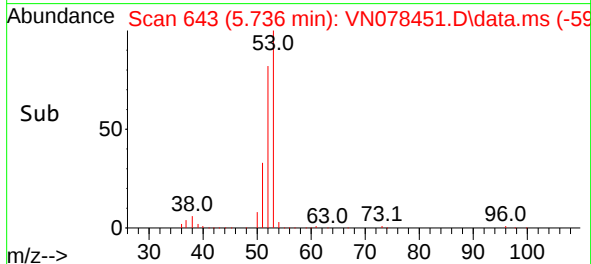
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 53 Resp: 54170
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 35.3 28.9 43.3

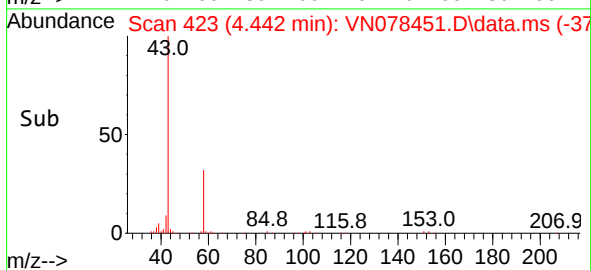
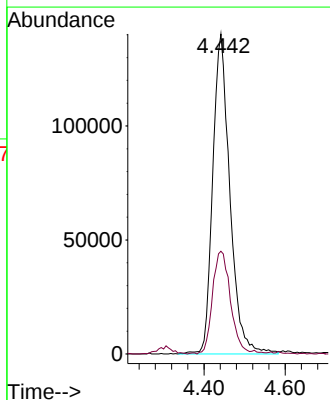
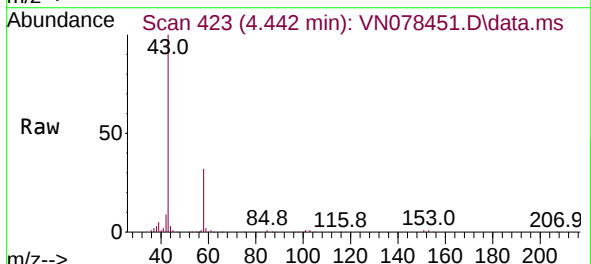
Manual Integrations
APPROVED

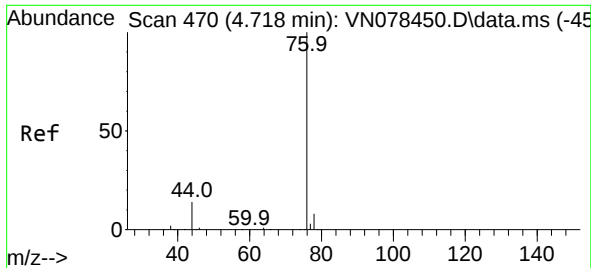
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 197.936 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 43 Resp: 411220
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





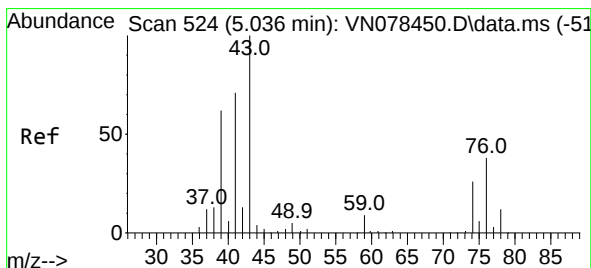
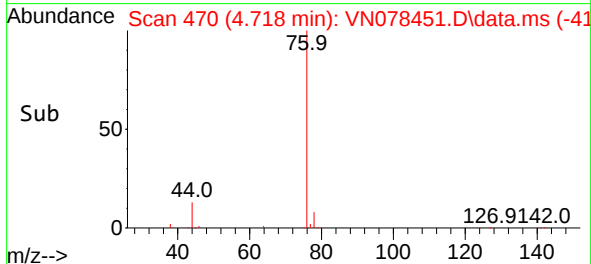
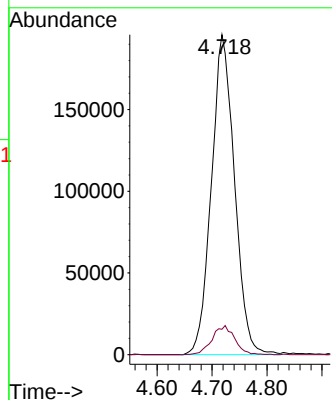
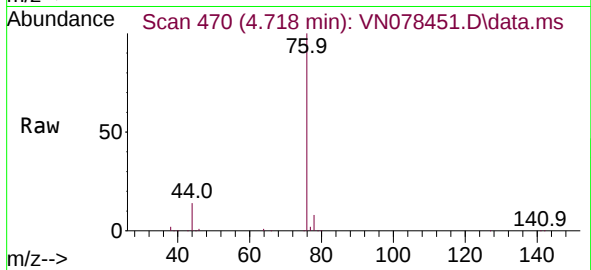
#17
Carbon Disulfide
Concen: 37.712 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 76 Resp: 57245
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

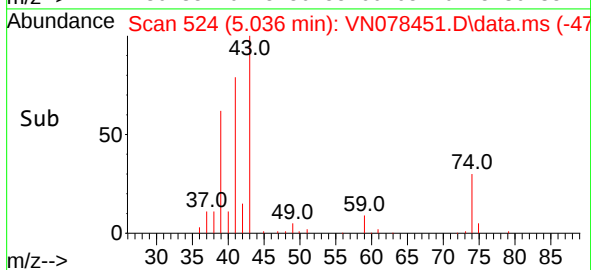
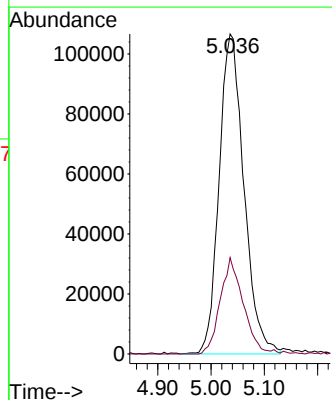
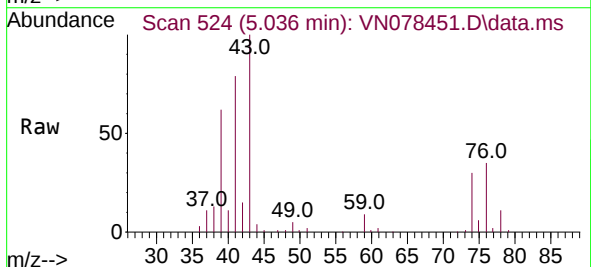
Manual Integrations
APPROVED

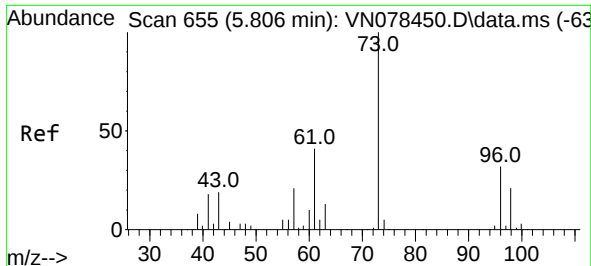
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 39.211 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

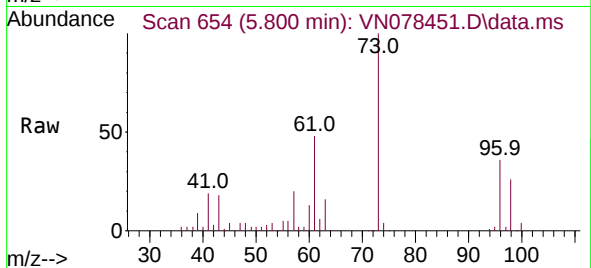
Tgt Ion: 43 Resp: 344844
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 41.134 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

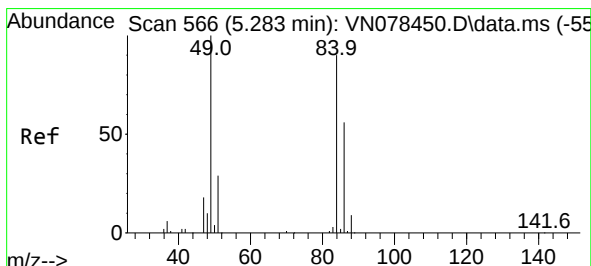
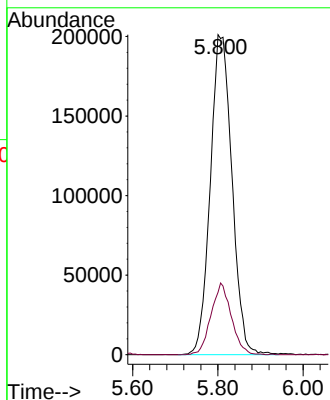
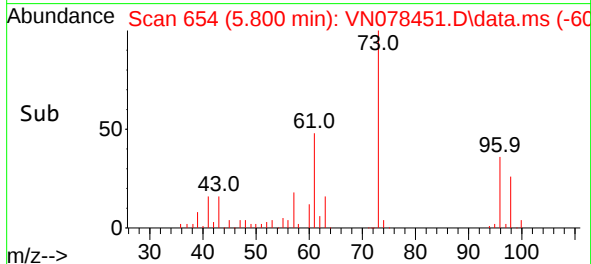
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 73 Resp: 711459
Ion Ratio Lower Upper
73 100
57 19.5 15.6 23.4

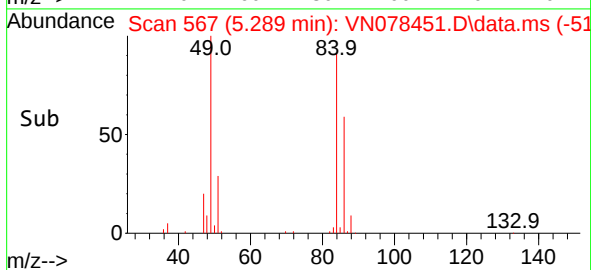
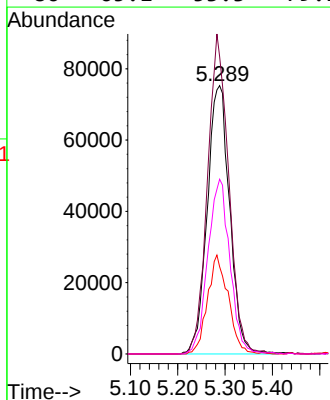
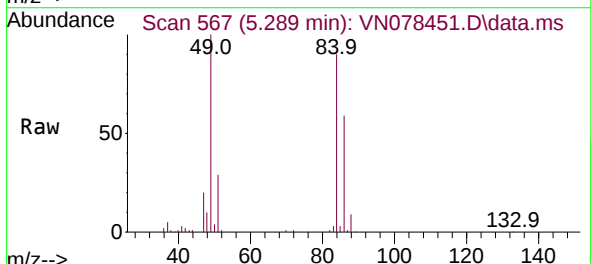
Manual Integrations
APPROVED

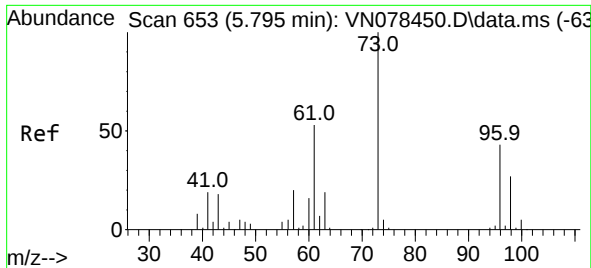
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 40.424 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

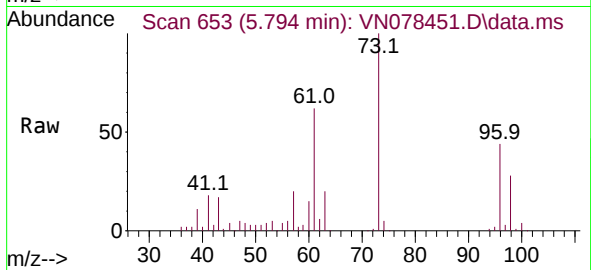
Tgt Ion: 84 Resp: 248597
Ion Ratio Lower Upper
84 100
49 110.8 79.7 119.5
51 32.5 25.2 37.8
86 65.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 39.788 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

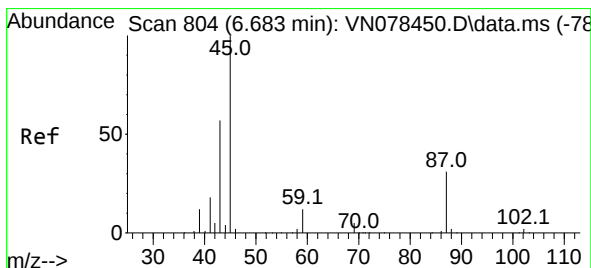
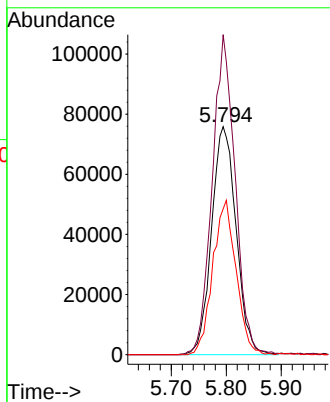
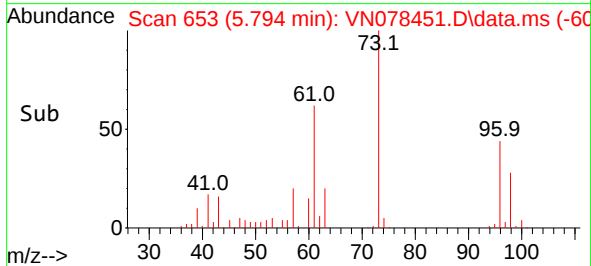
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion: 96 Resp: 23536
Ion Ratio Lower Upper
96 100
61 140.3 90.1 135.1
98 63.9 46.4 69.6

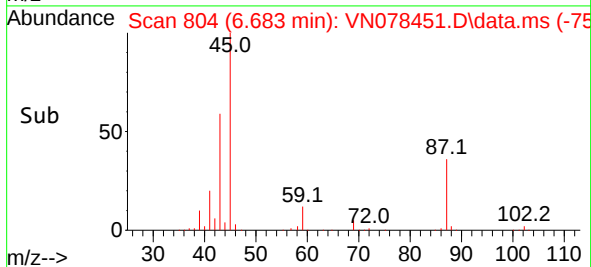
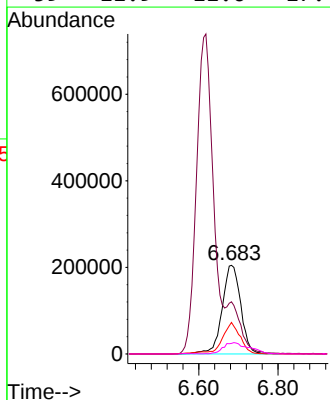
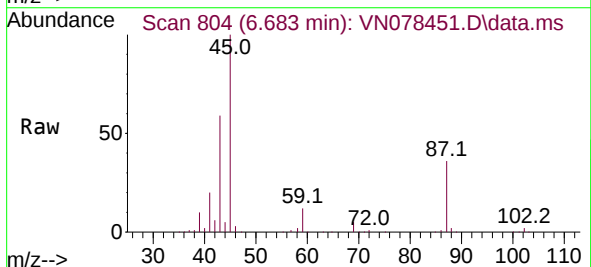
Manual Integrations
APPROVED

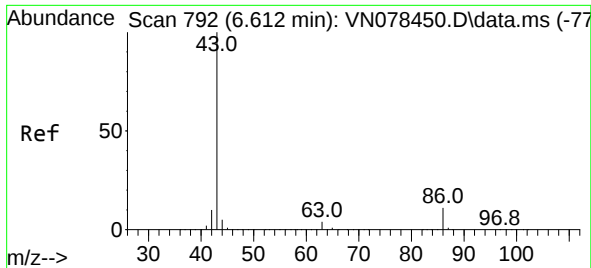
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 41.532 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

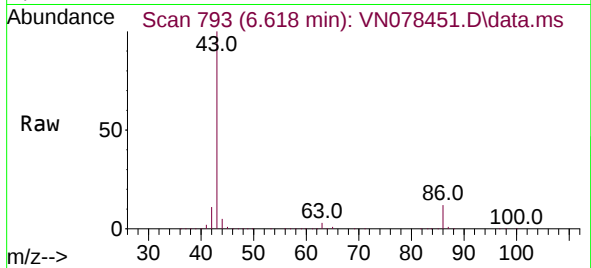
Tgt Ion: 45 Resp: 667069
Ion Ratio Lower Upper
45 100
43 58.5 45.5 68.3
87 35.4 31.8 47.8
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 212.168 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078451.D
 Acq: 10 Jul 2023 13:10

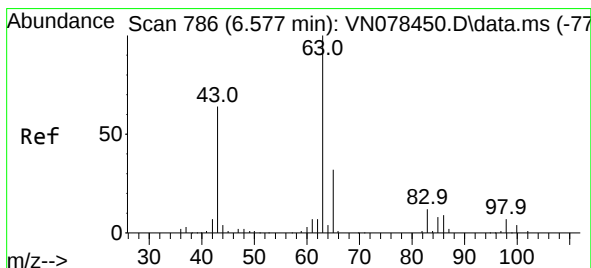
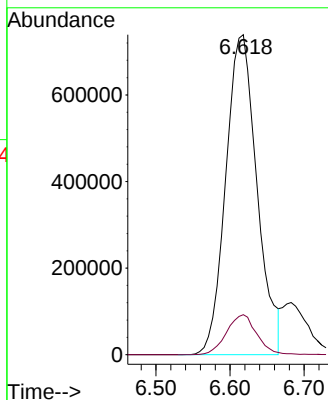
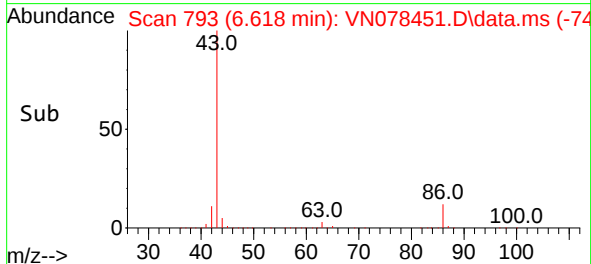
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040



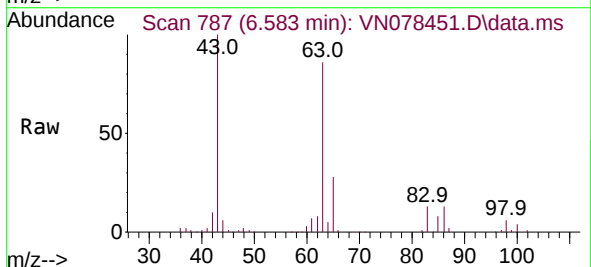
Tgt Ion: 43 Resp: 2166439
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
 APPROVED

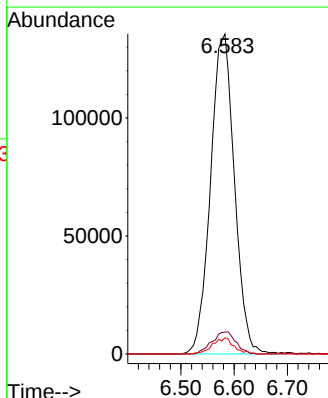
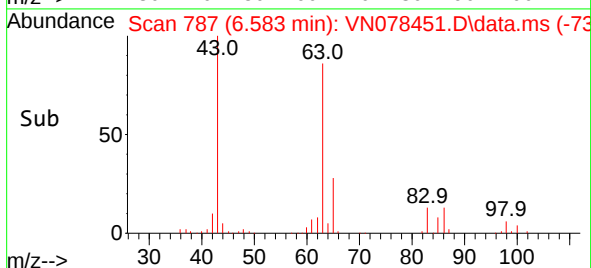
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

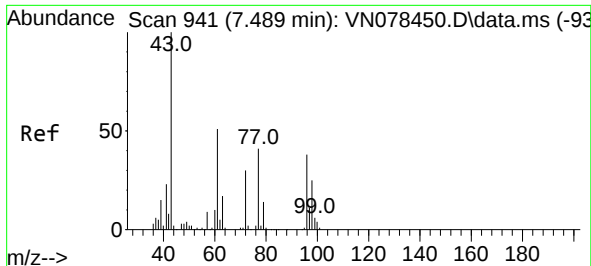


#24
 1,1-Dichloroethane
 Concen: 39.060 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078451.D
 Acq: 10 Jul 2023 13:10



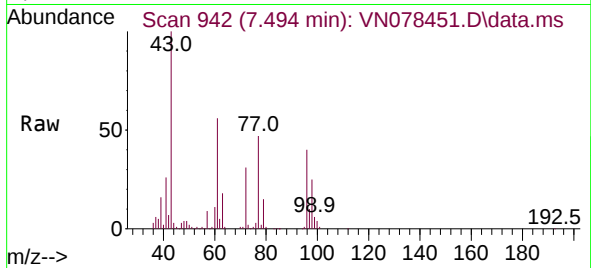
Tgt Ion: 63 Resp: 422735
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 5.1 2.5 7.4





#25
2-Butanone
Concen: 207.439 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

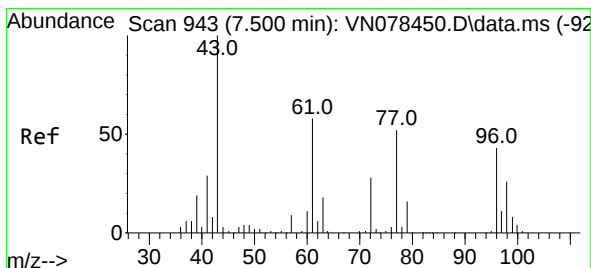
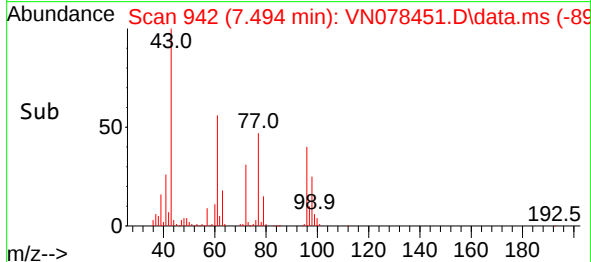
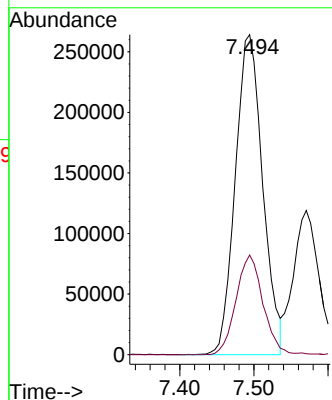
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion: 43 Resp: 67839
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

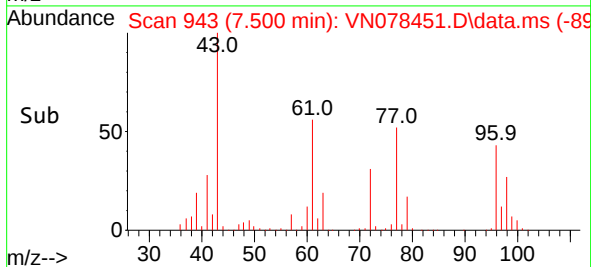
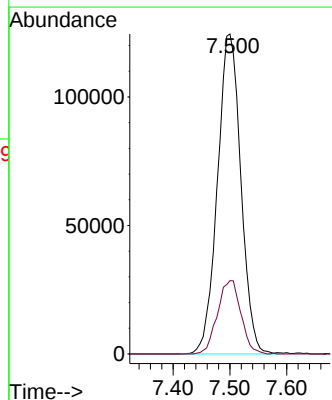
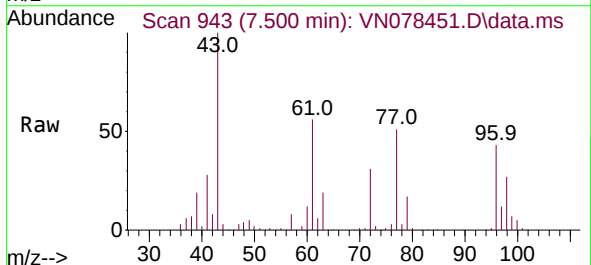
Manual Integrations
APPROVED

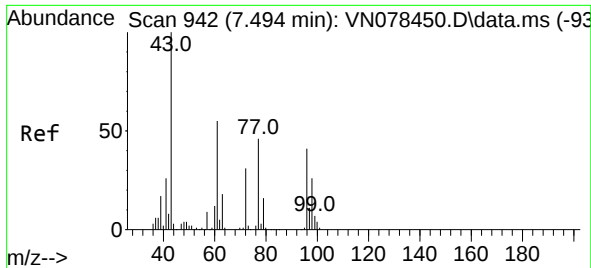
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 40.304 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

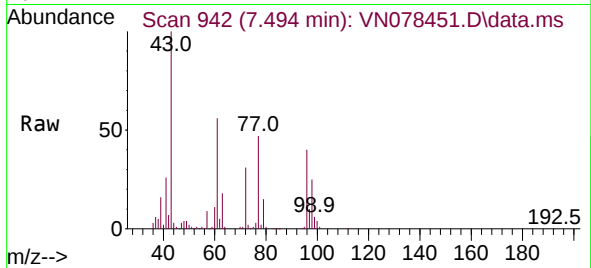
Tgt Ion: 77 Resp: 356772
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 40.492 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

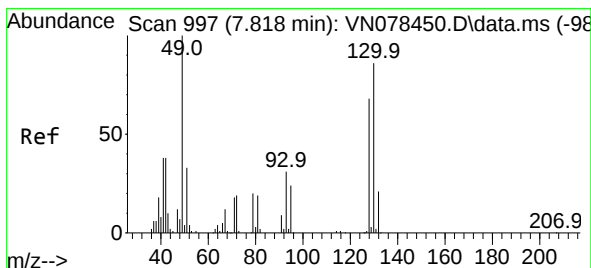
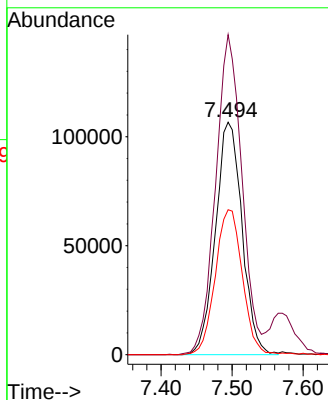
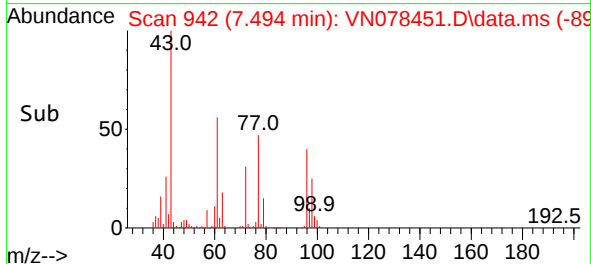
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 96 Resp: 277094
Ion Ratio Lower Upper
96 100
61 136.1 0.0 255.2
98 63.4 0.0 128.8

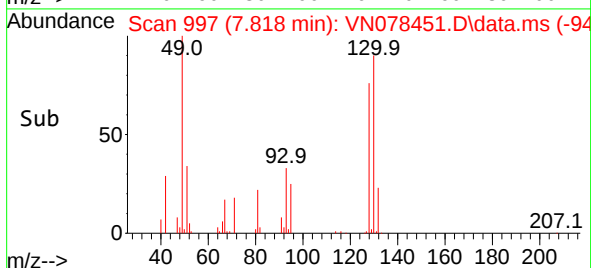
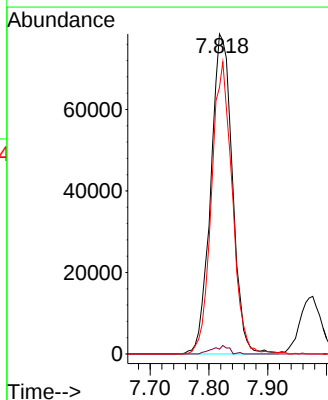
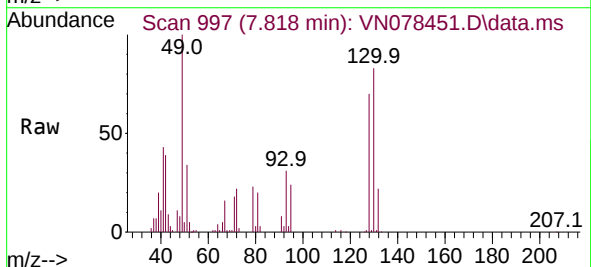
Manual Integrations
APPROVED

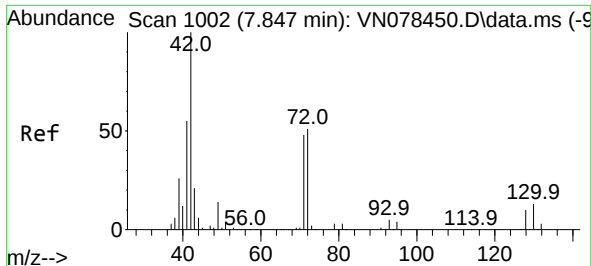
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Bromochloromethane
Concen: 39.378 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 49 Resp: 200732
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 87.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 207.863 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 42 Resp: 446049

Ion Ratio Lower Upper

42 100

72 51.0 49.8 74.6

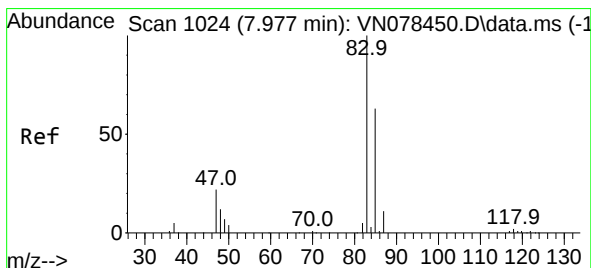
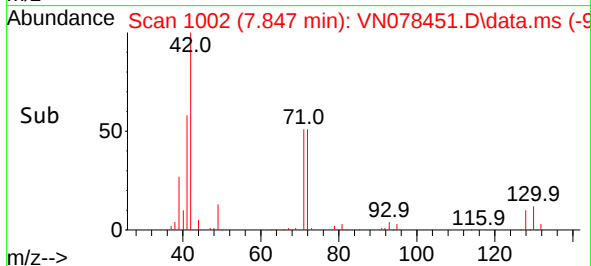
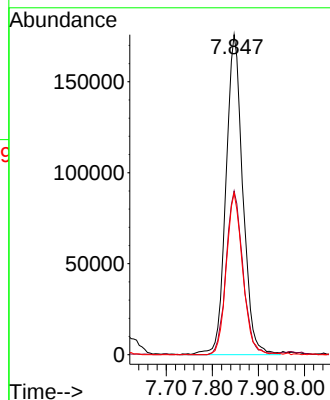
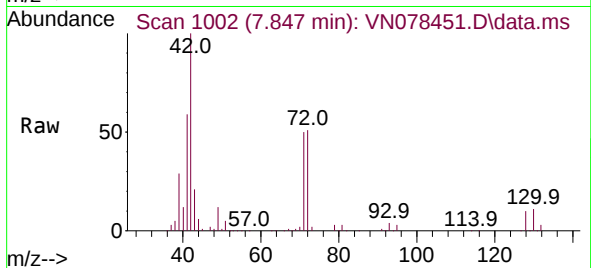
71 48.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 40.791 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078451.D

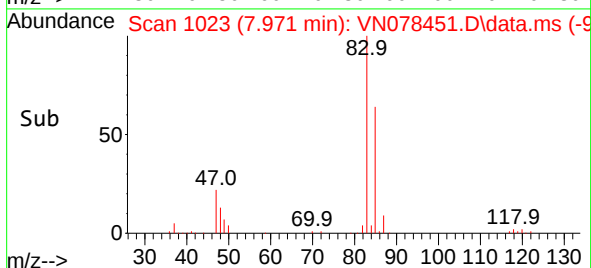
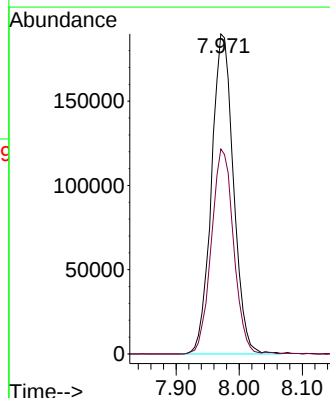
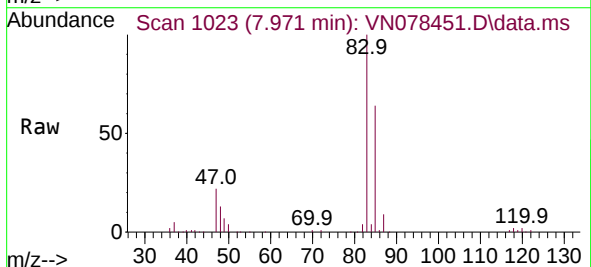
Acq: 10 Jul 2023 13:10

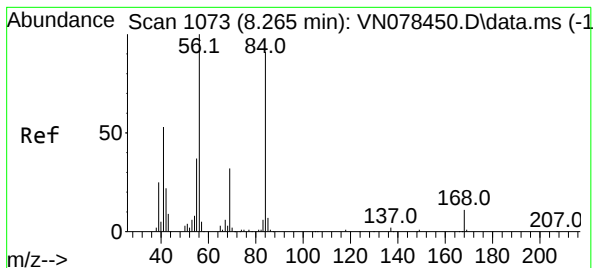
Tgt Ion: 83 Resp: 459616

Ion Ratio Lower Upper

83 100

85 64.1 55.4 83.0





#31

Cyclohexane

Concen: 38.928 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 56 Resp: 350878

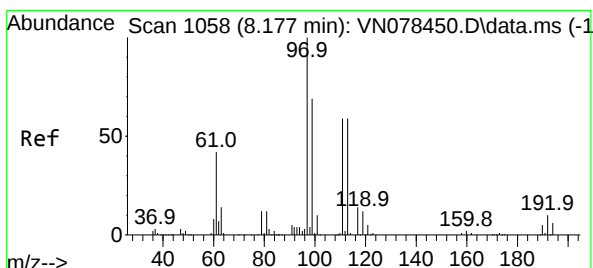
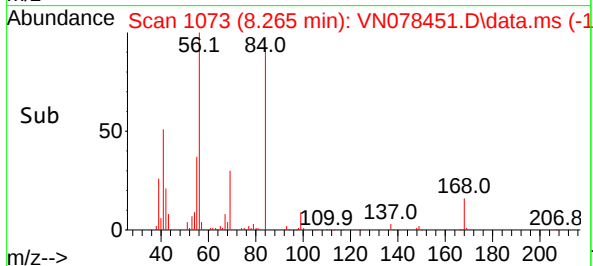
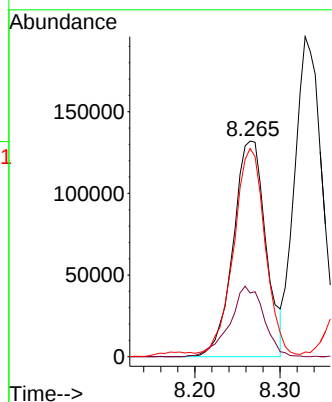
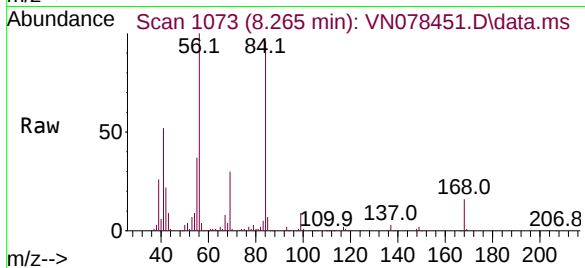
Ion	Ratio	Lower	Upper
56	100		
69	29.6	26.8	40.2
84	94.3	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#32

1,1,1-Trichloroethane

Concen: 41.100 ug/l

RT: 8.177 min Scan# 1058

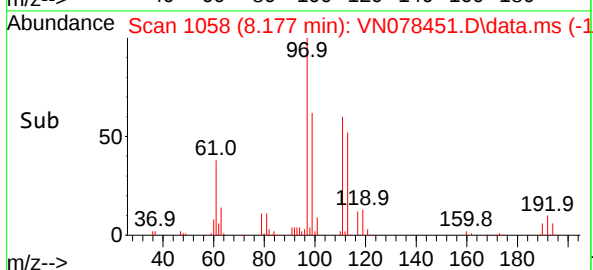
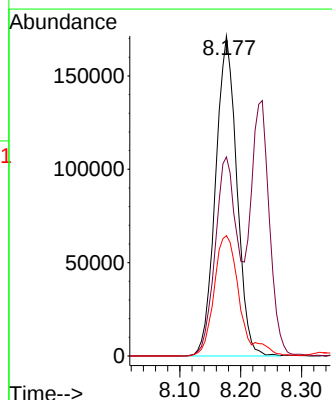
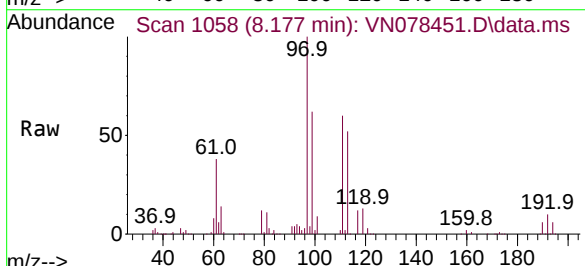
Delta R.T. -0.000 min

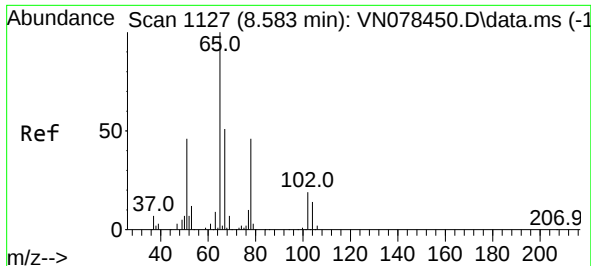
Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Tgt Ion: 97 Resp: 415202

Ion	Ratio	Lower	Upper
97	100		
99	66.3	50.3	75.5
61	45.1	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 39.186 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 65 Resp: 261340

Ion Ratio Lower Upper

65 100

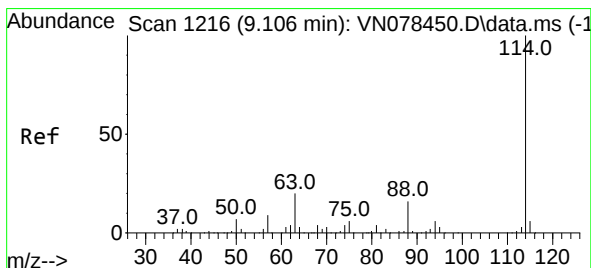
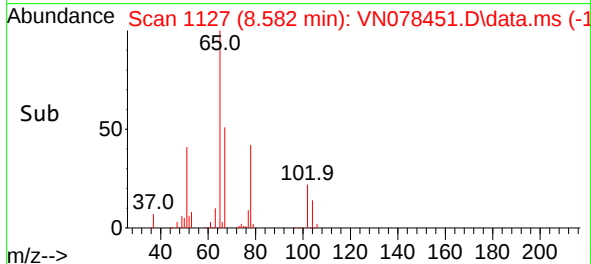
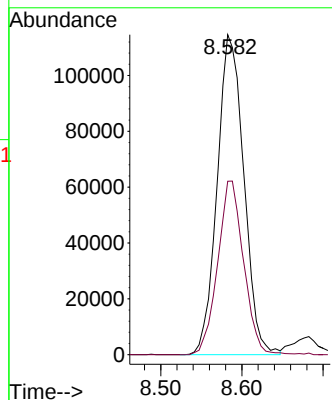
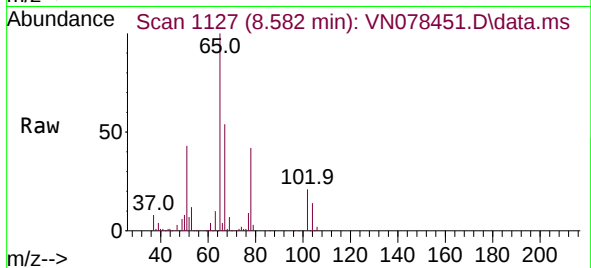
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

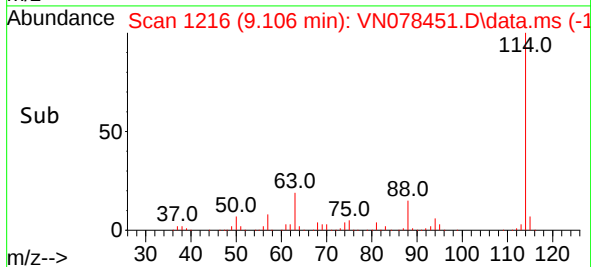
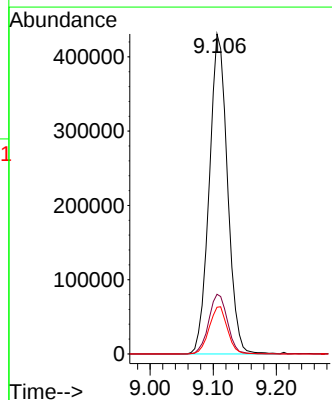
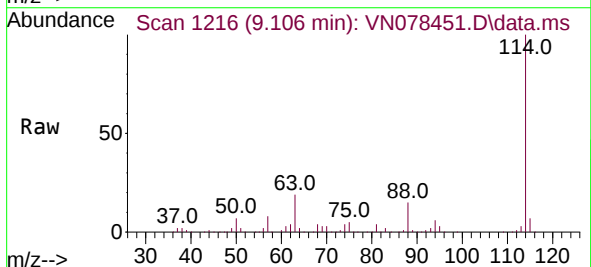
Tgt Ion:114 Resp: 863649

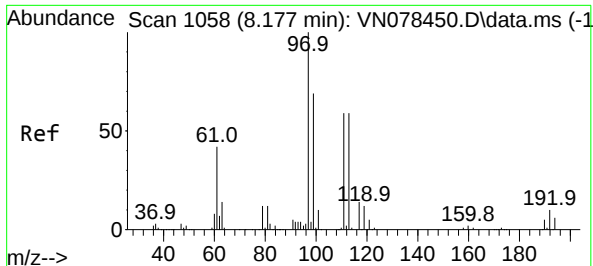
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

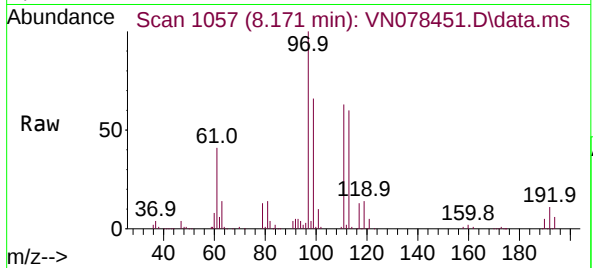
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 38.865 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

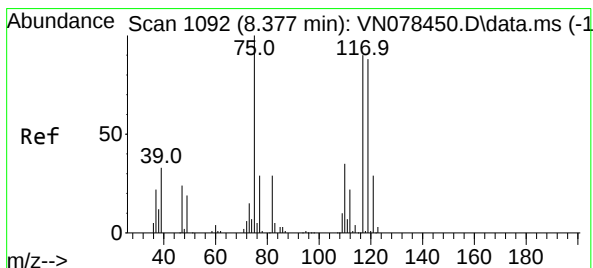
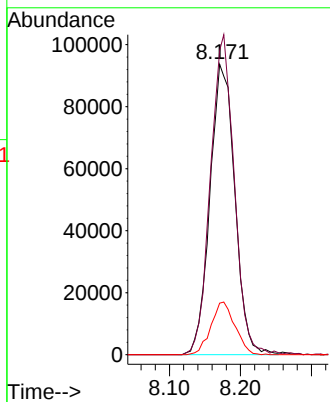
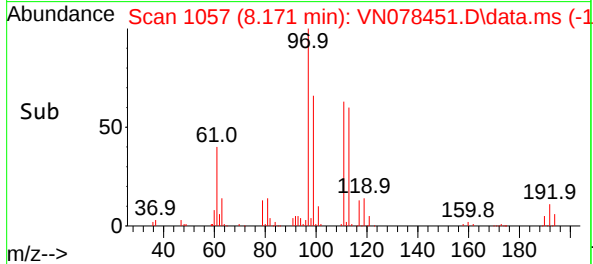
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 113 Resp: 227850
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 17.5 12.7 19.1

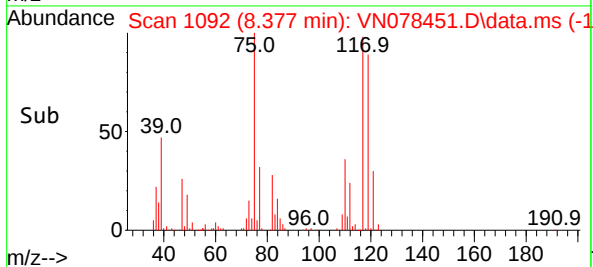
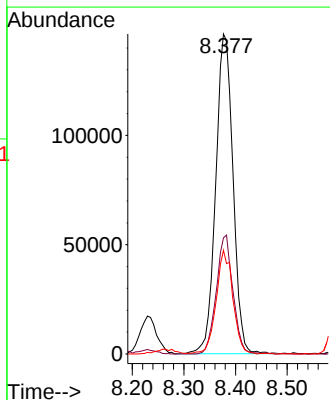
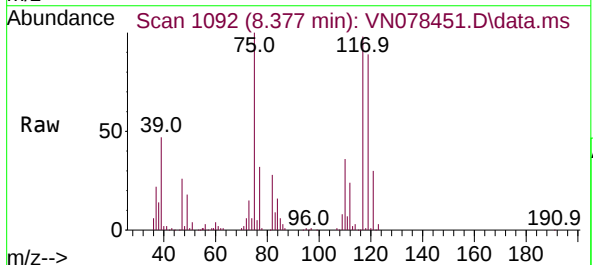
Manual Integrations
APPROVED

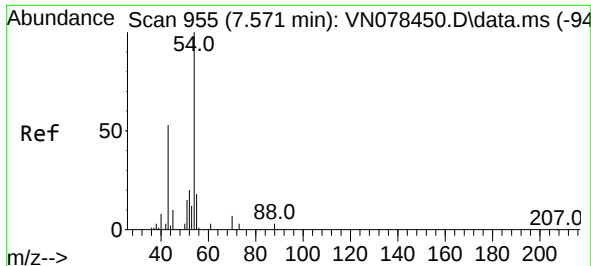
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
1,1-Dichloropropene
Concen: 40.157 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

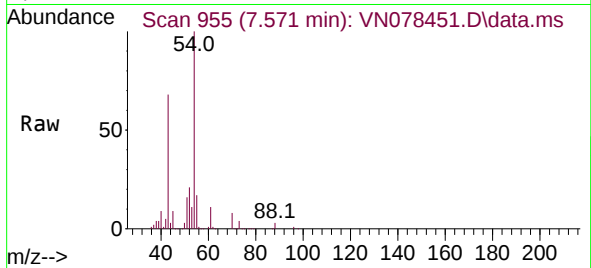
Tgt Ion: 75 Resp: 339938
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 41.795 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

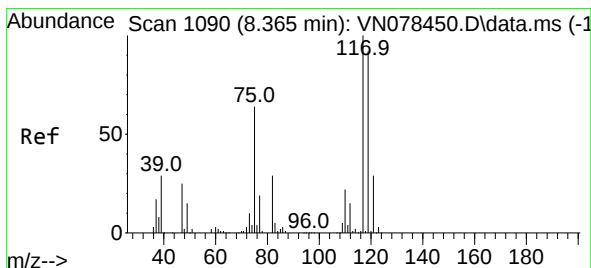
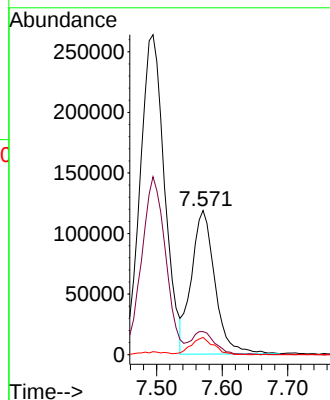
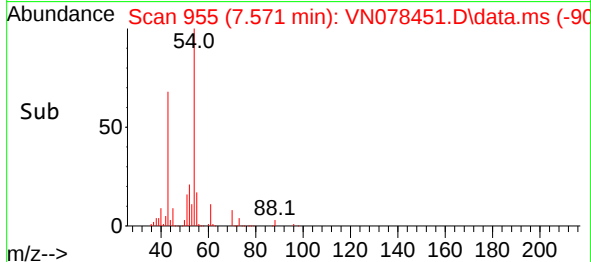
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 43 Resp: 294938
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.7 11.3 16.9

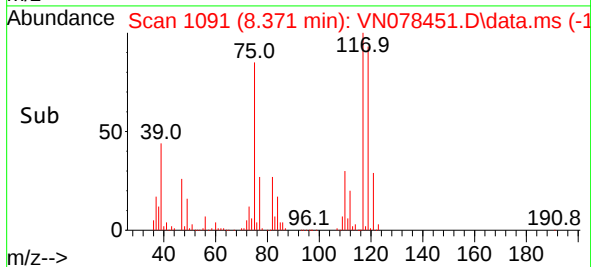
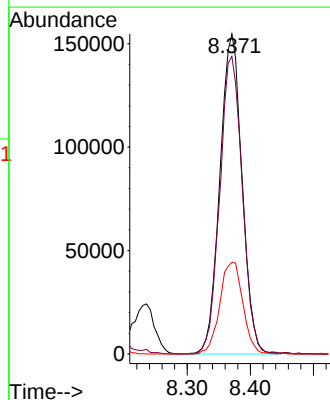
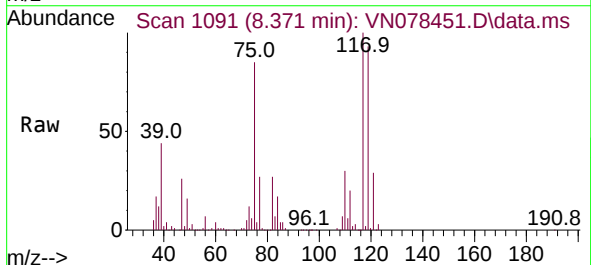
Manual Integrations
APPROVED

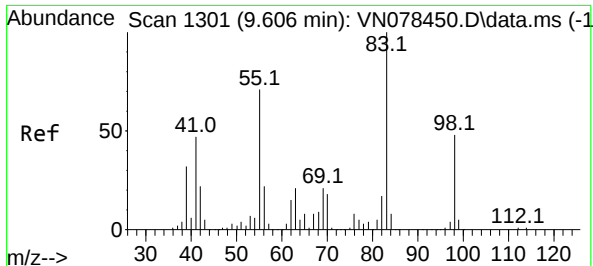
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 40.945 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion:117 Resp: 376705
Ion Ratio Lower Upper
117 100
119 93.0 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 40.536 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 83 Resp: 31322

Ion Ratio Lower Upper

83 100

55 67.8 49.1 73.7

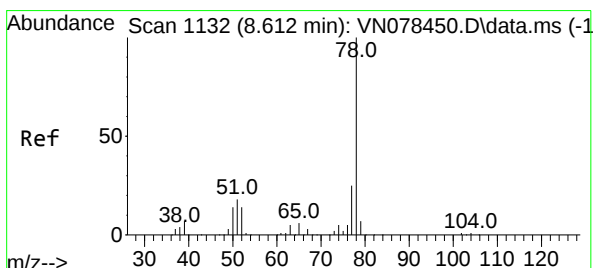
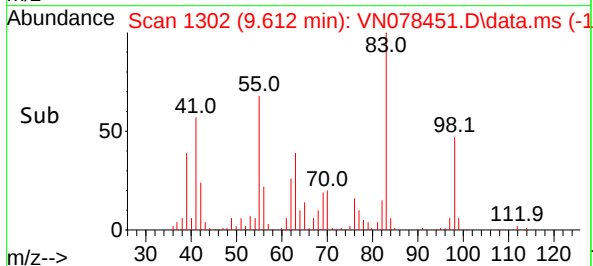
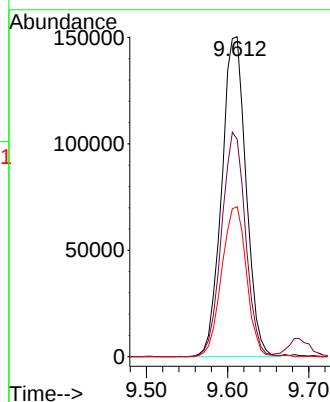
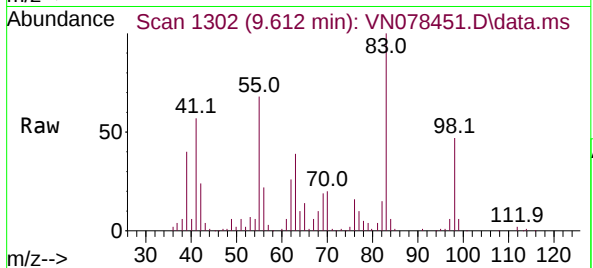
98 46.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 40.722 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078451.D

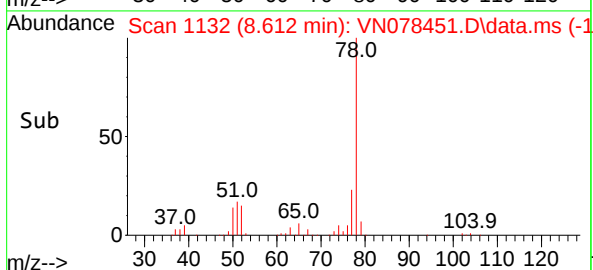
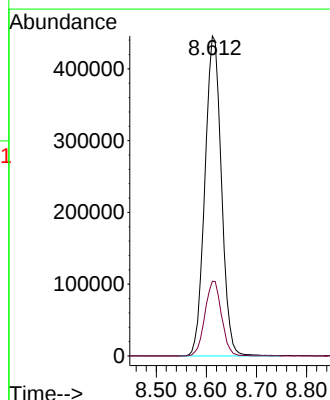
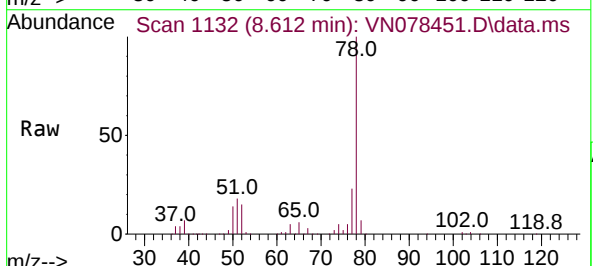
Acq: 10 Jul 2023 13:10

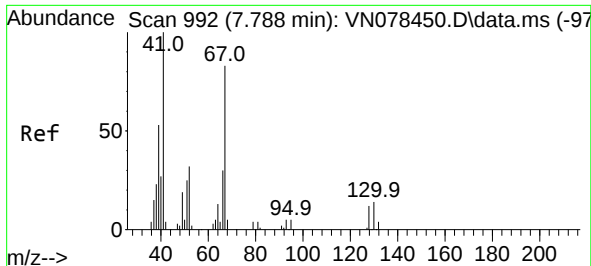
Tgt Ion: 78 Resp: 1021262

Ion Ratio Lower Upper

78 100

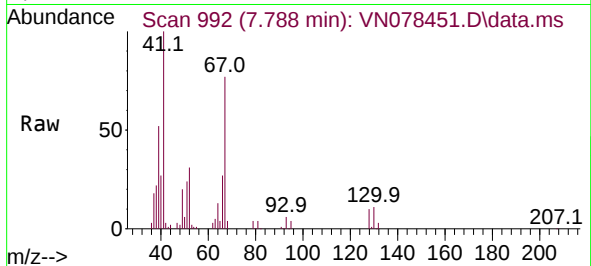
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 40.342 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

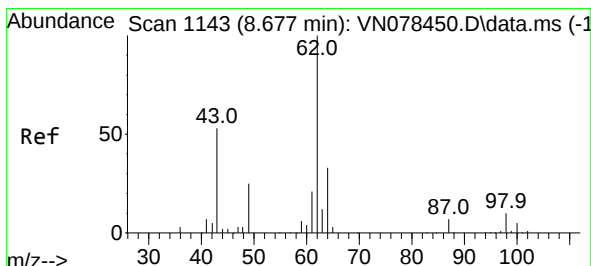
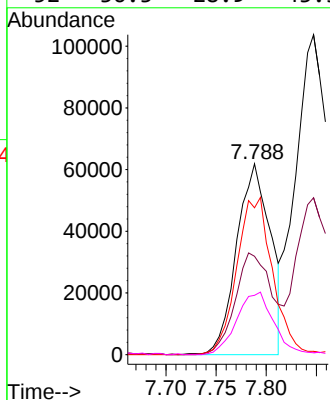
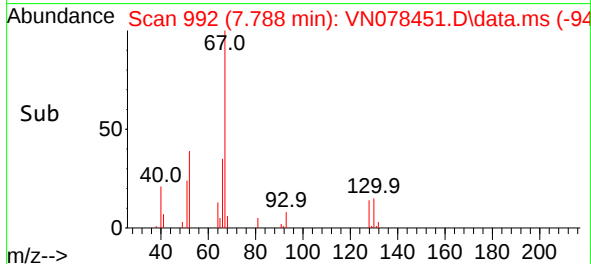
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



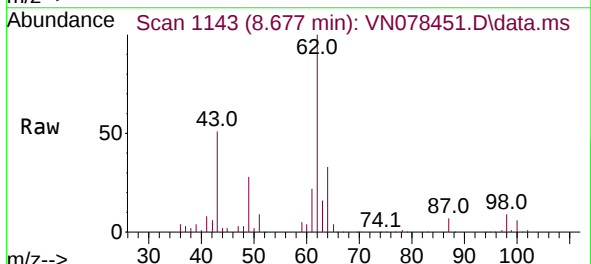
Tgt Ion: 41 Resp: 145128
Ion Ratio Lower Upper
41 100
39 59.8 42.6 64.0
67 87.8 77.5 116.3
52 36.3 28.9 43.3

Manual Integrations
APPROVED

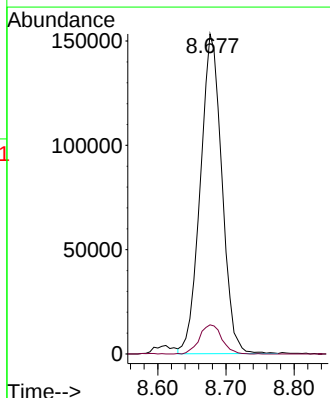
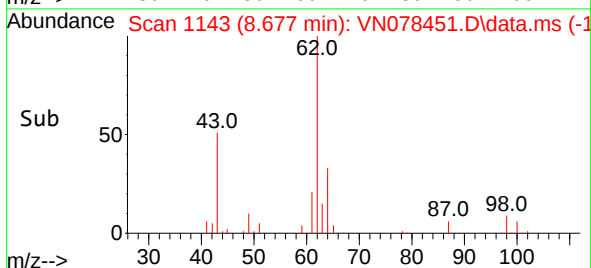
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

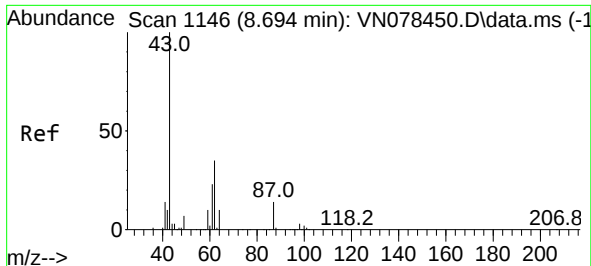


#42
1,2-Dichloroethane
Concen: 39.429 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



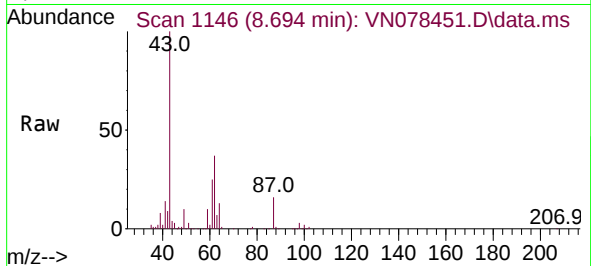
Tgt Ion: 62 Resp: 336345
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 42.143 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

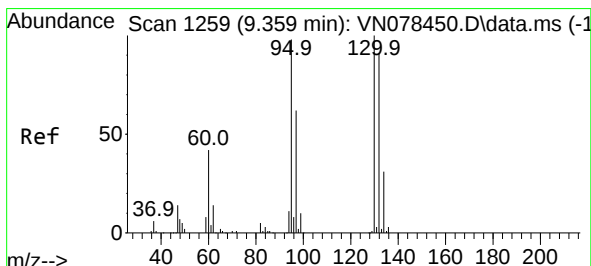
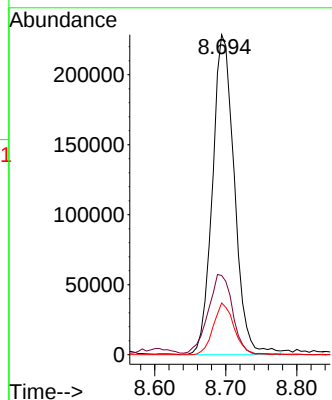
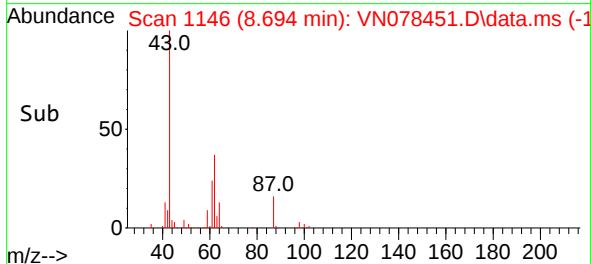
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 43 Resp: 48962
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 15.3 14.6 21.8

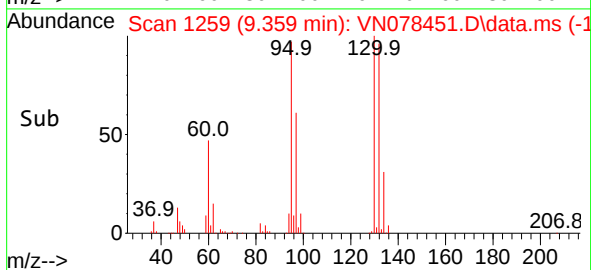
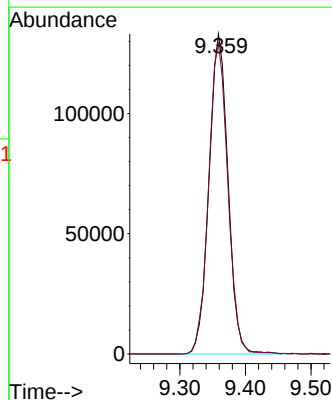
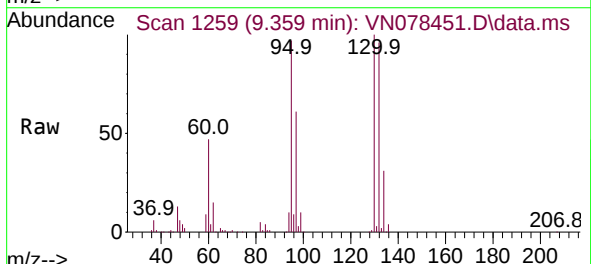
Manual Integrations
APPROVED

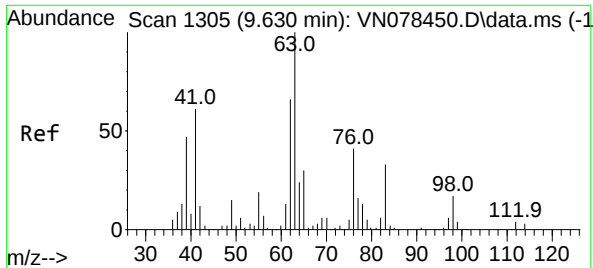
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 39.603 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion:130 Resp: 267689
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 40.023 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 63 Resp: 254219

Ion Ratio Lower Upper

63 100

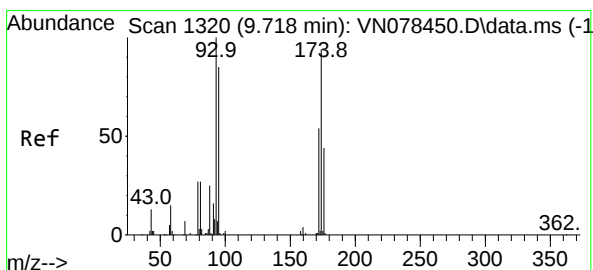
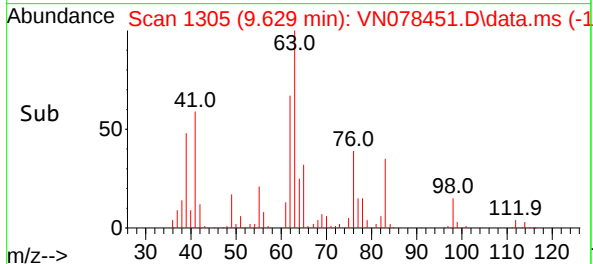
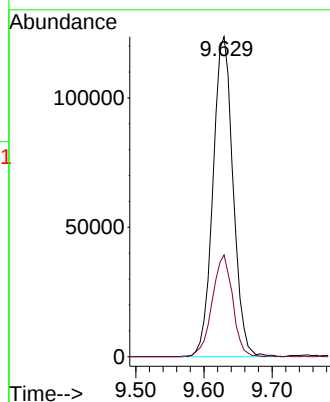
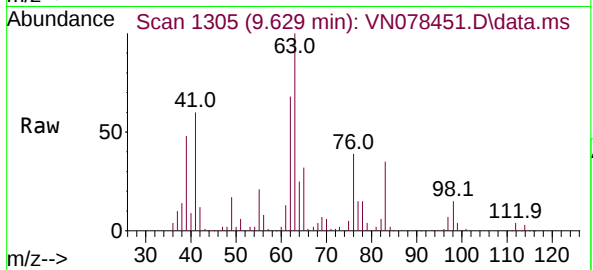
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 41.124 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

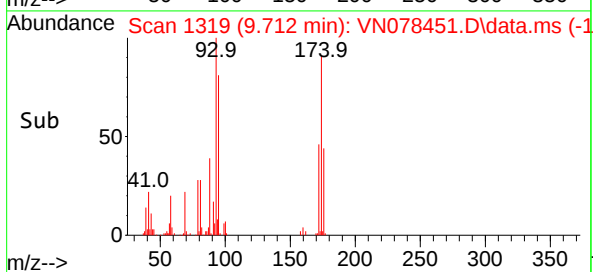
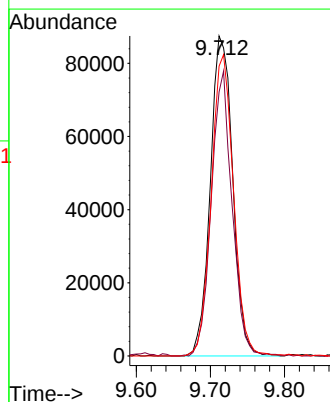
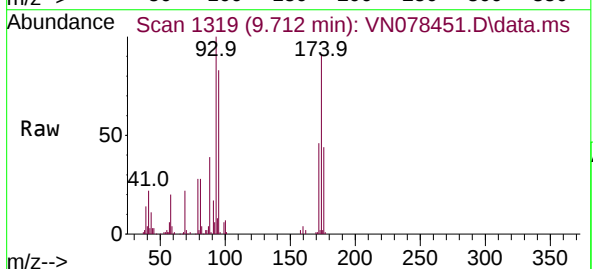
Tgt Ion: 93 Resp: 183848

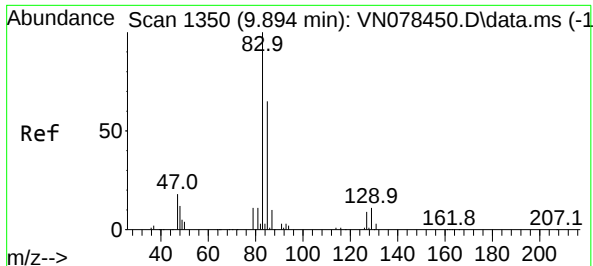
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

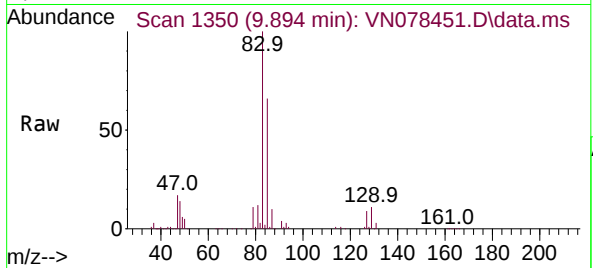
174 93.3 65.6 98.4





#47
Bromodichloromethane
Concen: 40.259 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

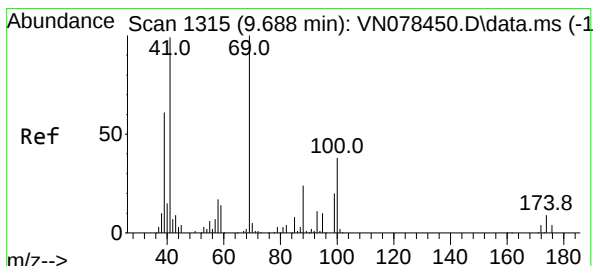
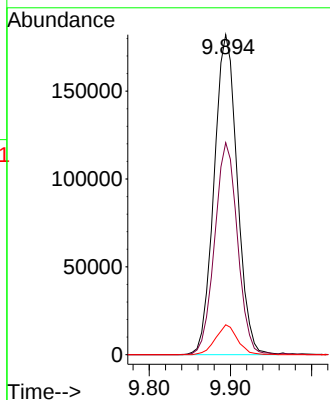
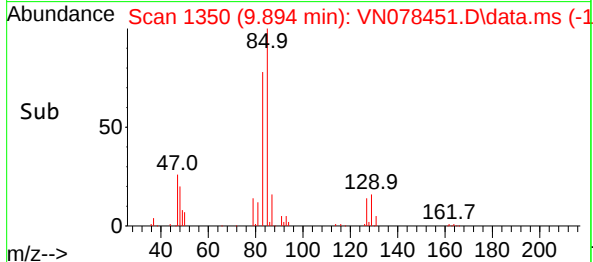
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 83 Resp: 36078
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4
127 9.3 7.0 10.6

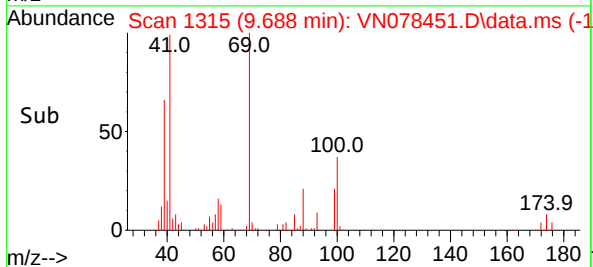
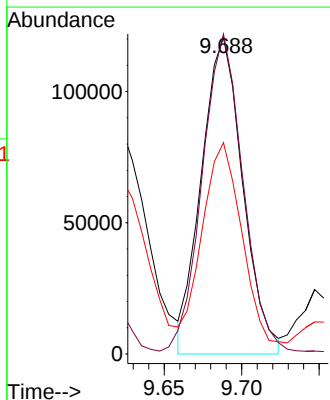
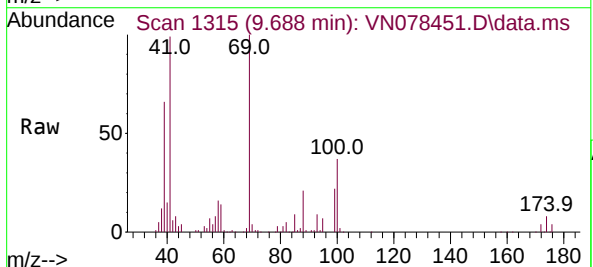
Manual Integrations
APPROVED

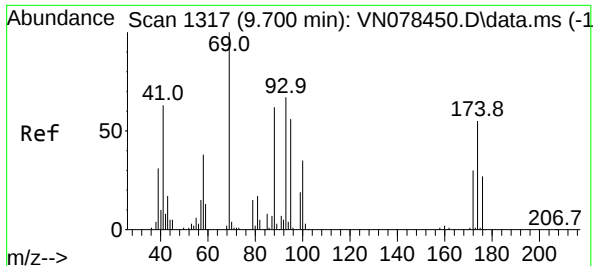
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Methyl methacrylate
Concen: 41.499 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 41 Resp: 223368
Ion Ratio Lower Upper
41 100
69 100.6 90.4 135.6
39 66.4 54.6 81.8





#49

1,4-Dioxane

Concen: 810.969 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 88 Resp: 95194

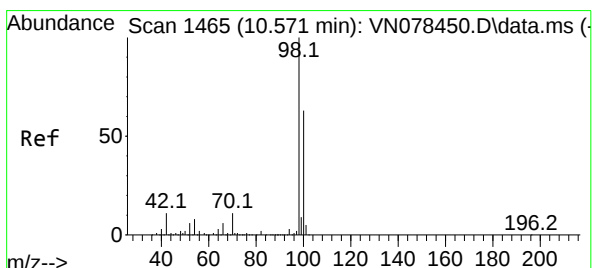
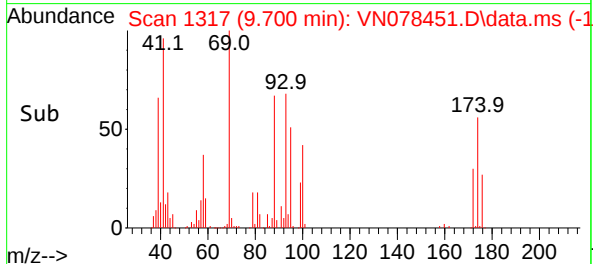
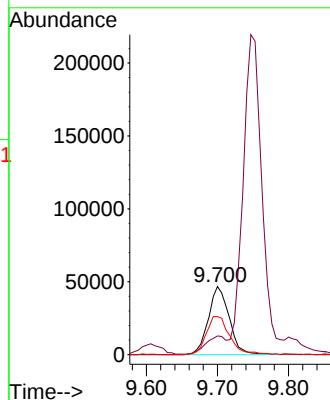
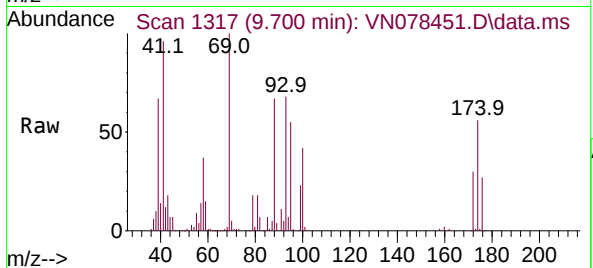
Ion	Ratio	Lower	Upper
88	100		
43	25.2	17.0	25.6
58	64.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 38.902 ug/l

RT: 10.571 min Scan# 1465

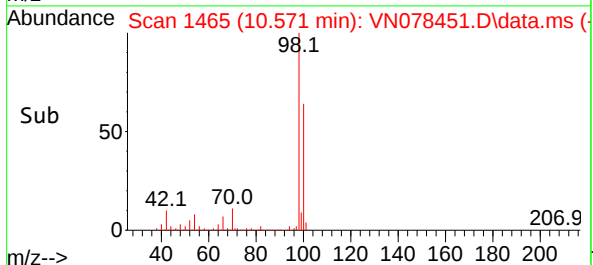
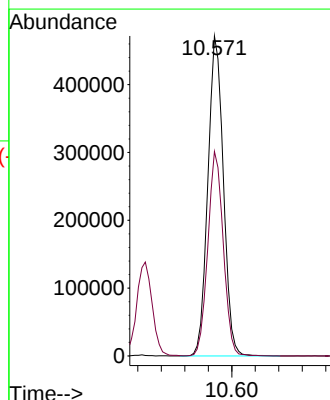
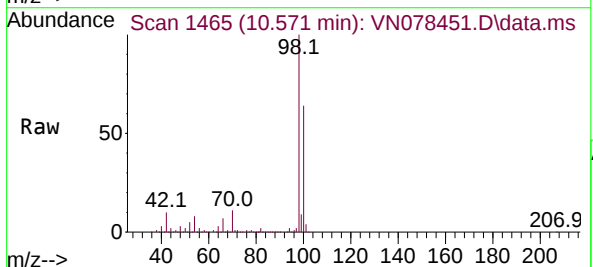
Delta R.T. -0.000 min

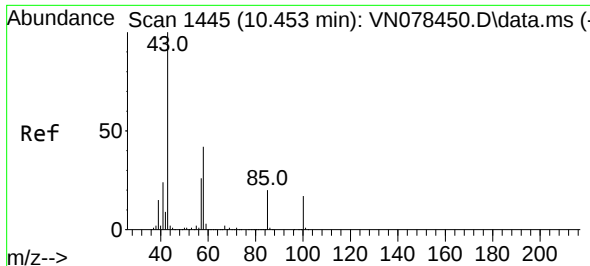
Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Tgt Ion: 98 Resp: 861588

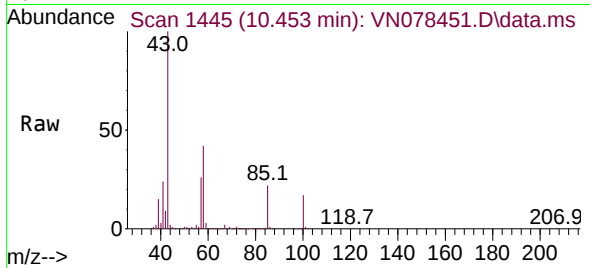
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 213.353 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

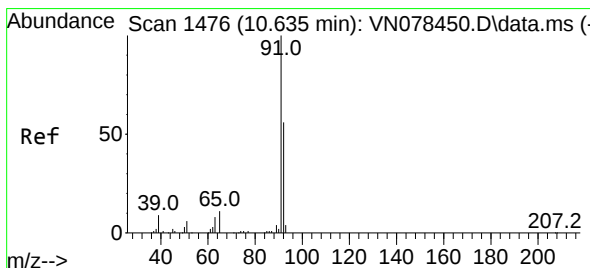
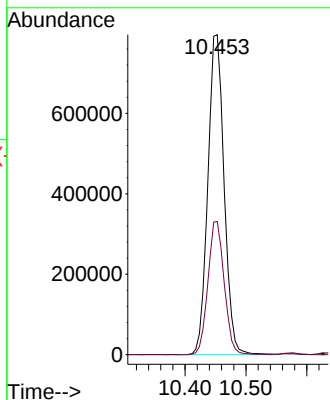
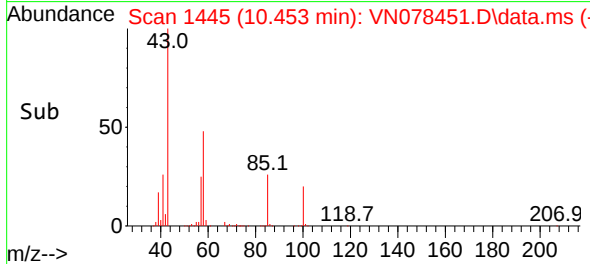
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



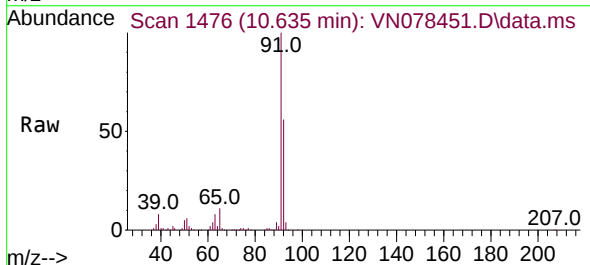
Tgt Ion: 43 Resp: 147439
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

Manual Integrations
APPROVED

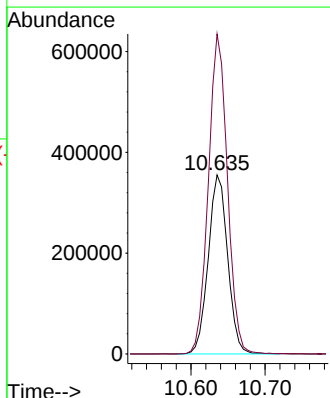
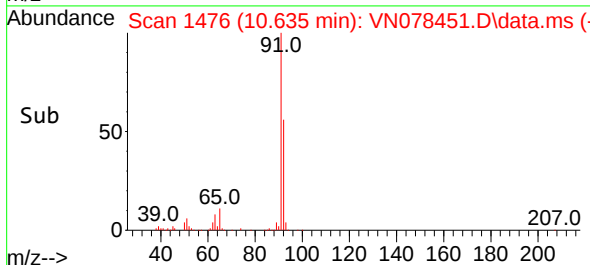
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

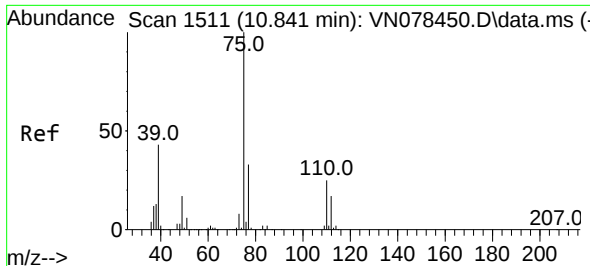


#52
Toluene
Concen: 41.587 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



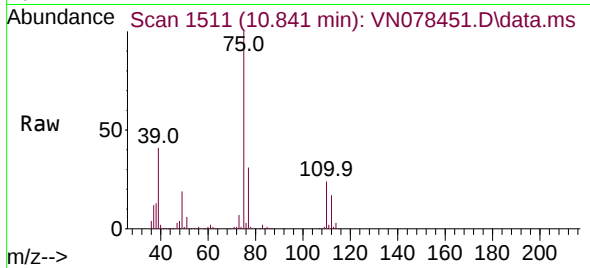
Tgt Ion: 92 Resp: 646394
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 41.920 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

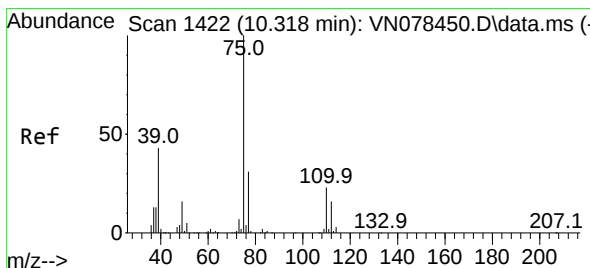
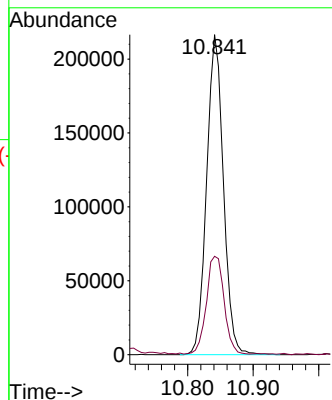
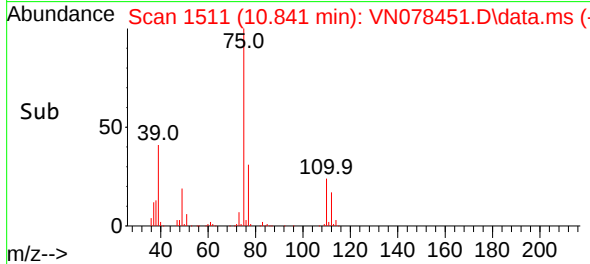
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



Tgt Ion: 75 Resp: 38486
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

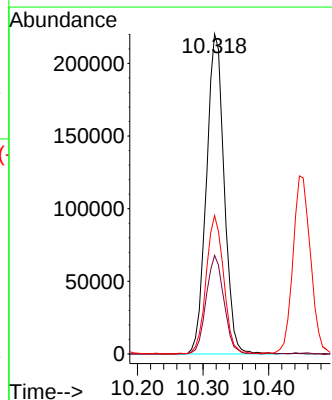
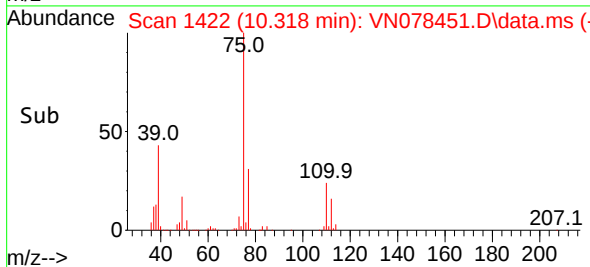
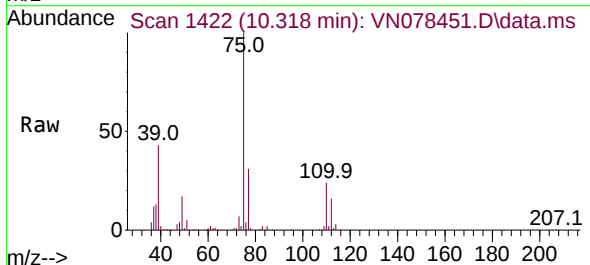
Manual Integrations
APPROVED

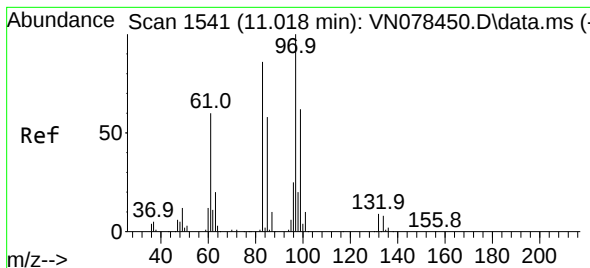
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 42.447 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

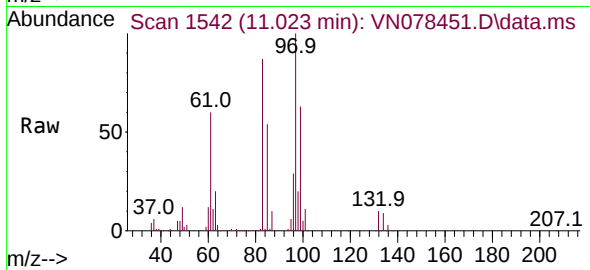
Tgt Ion: 75 Resp: 415396
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 40.623 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

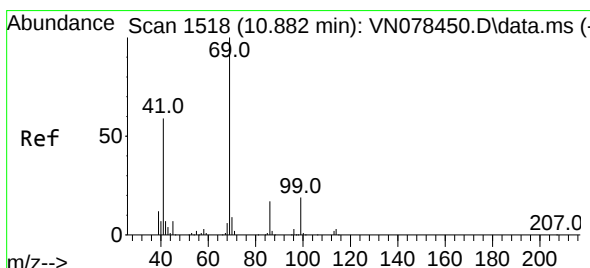
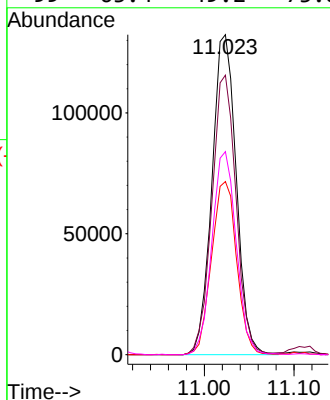
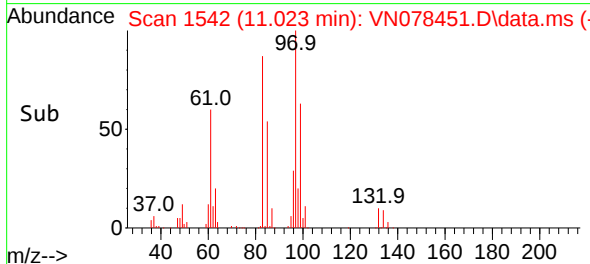
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



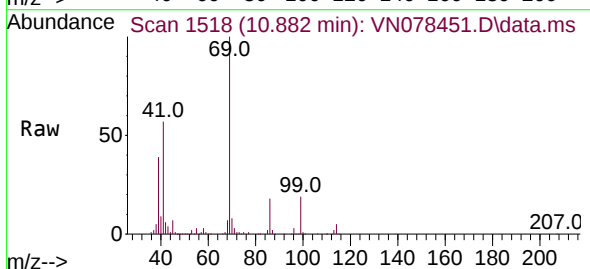
Tgt Ion:	97	Resp:	24877
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.1	97.7
85	54.1	43.4	65.2
99	63.4	49.2	73.8

Manual Integrations
APPROVED

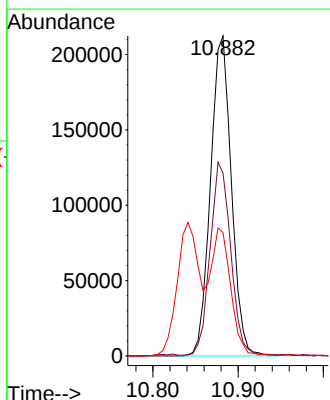
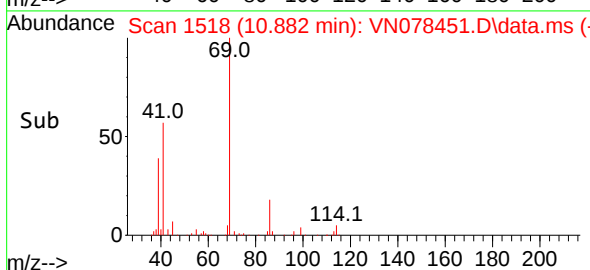
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

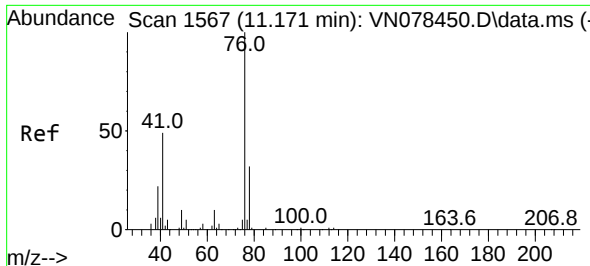


#56
Ethyl methacrylate
Concen: 42.216 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



Tgt Ion:	69	Resp:	361395
Ion	Ratio	Lower	Upper
69	100		
41	59.5	39.6	59.4#
39	38.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 40.345 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC040

Tgt Ion: 76 Resp: 420094

Ion Ratio Lower Upper

76 100

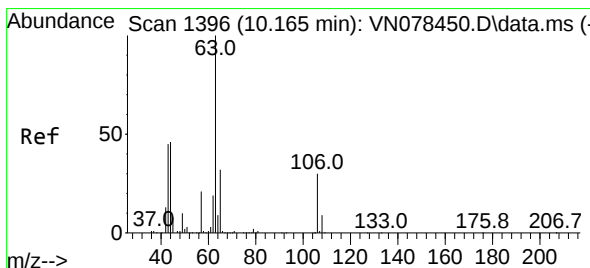
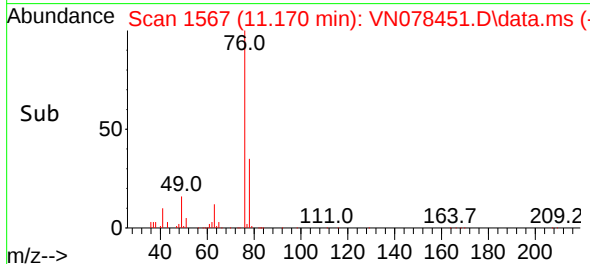
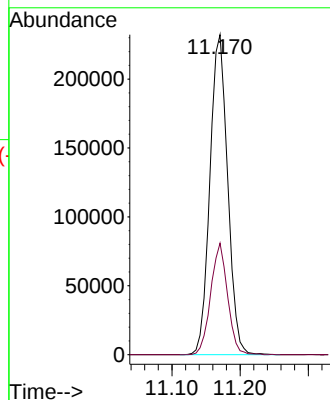
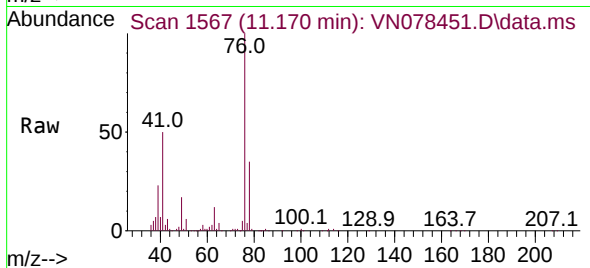
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 211.125 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078451.D

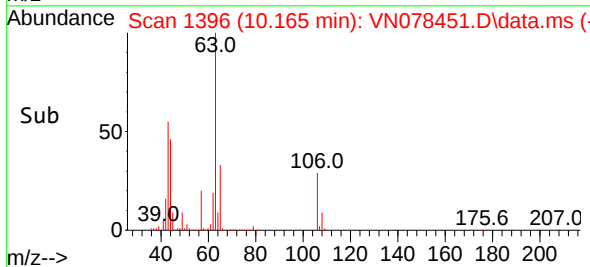
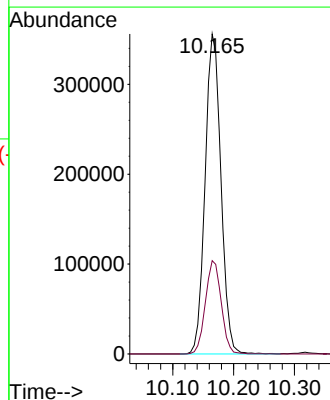
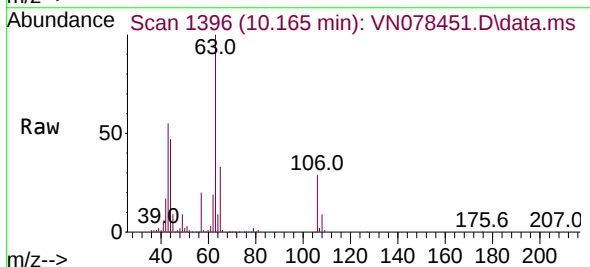
Acq: 10 Jul 2023 13:10

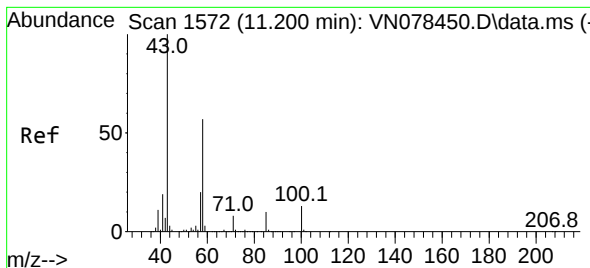
Tgt Ion: 63 Resp: 644098

Ion Ratio Lower Upper

63 100

106 29.1 26.2 39.4





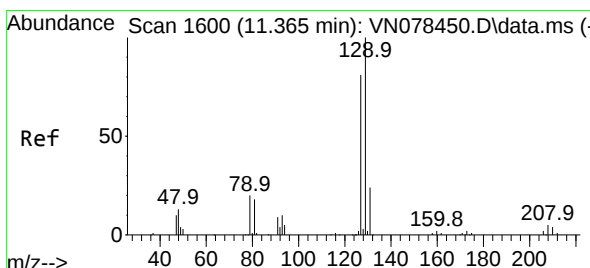
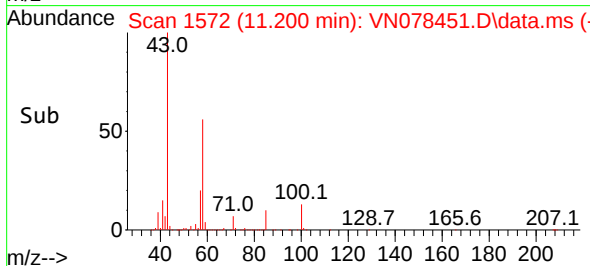
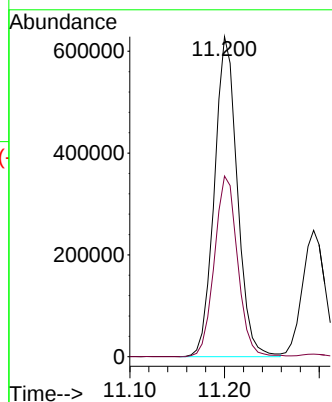
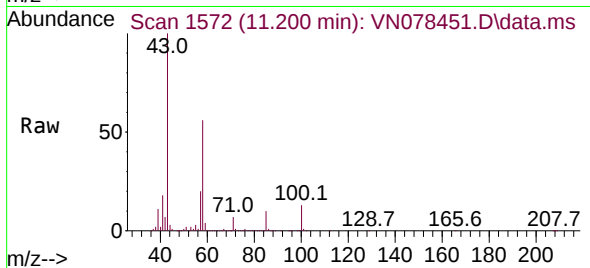
#59
2-Hexanone
Concen: 215.235 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 43 Resp: 105710
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

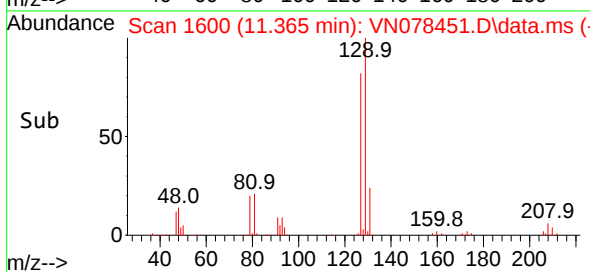
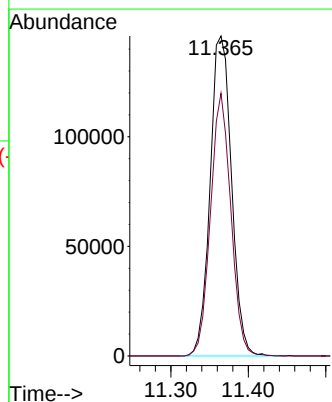
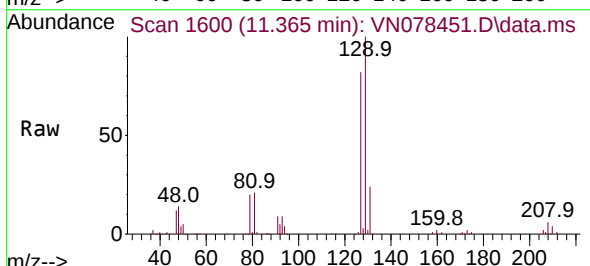
Manual Integrations
APPROVED

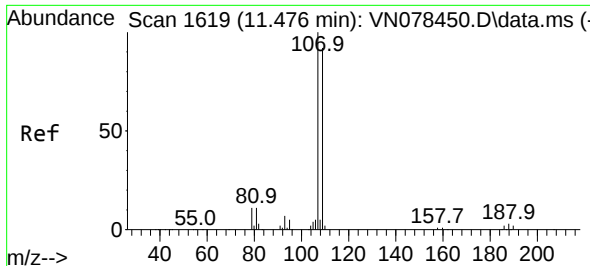
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 41.469 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

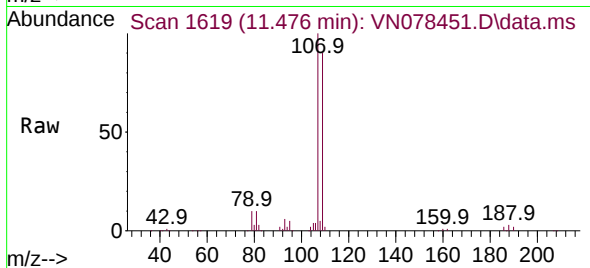
Tgt Ion:129 Resp: 280365
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 41.745 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

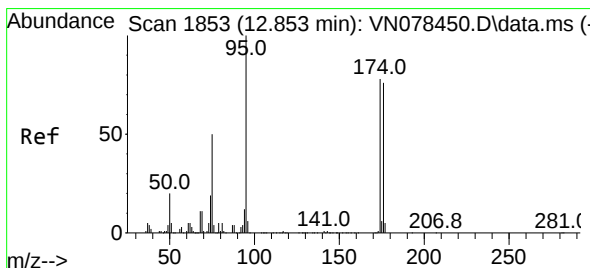
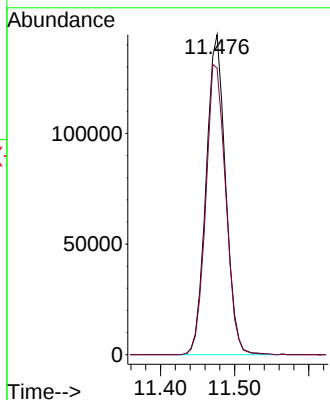
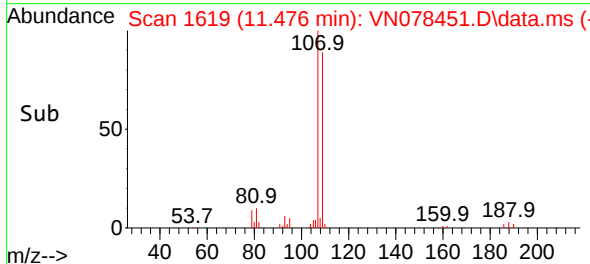
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



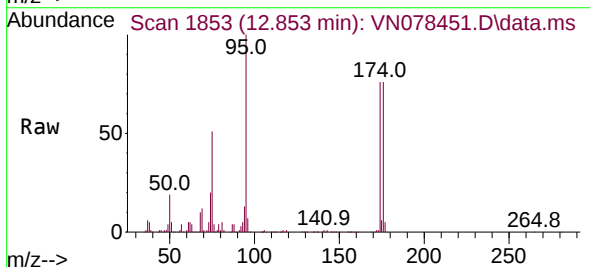
Tgt Ion:107 Resp: 263350
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

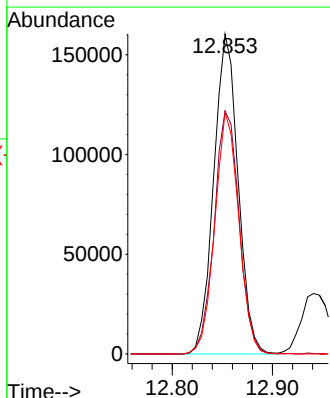
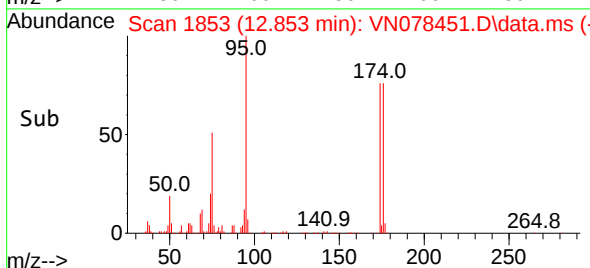
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

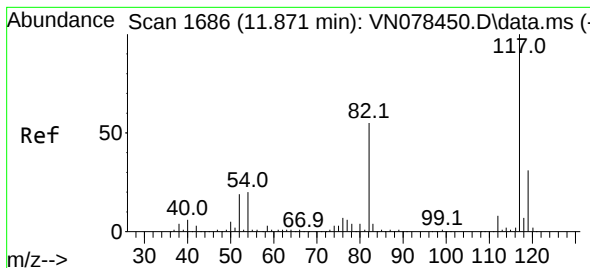


#62
4-Bromofluorobenzene
Concen: 39.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



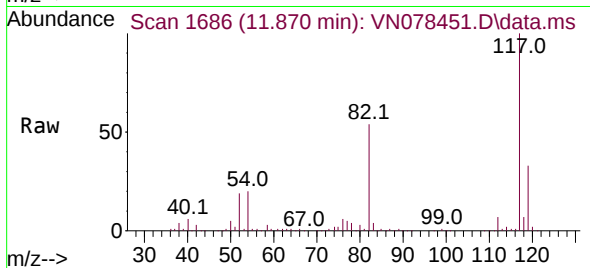
Tgt Ion: 95 Resp: 270837
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 74.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

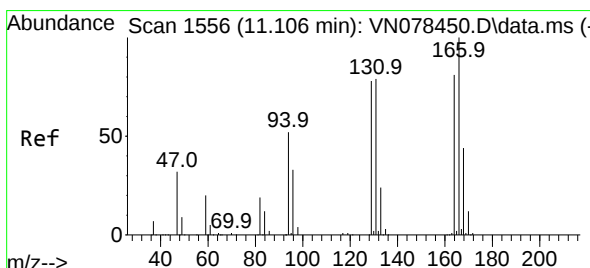
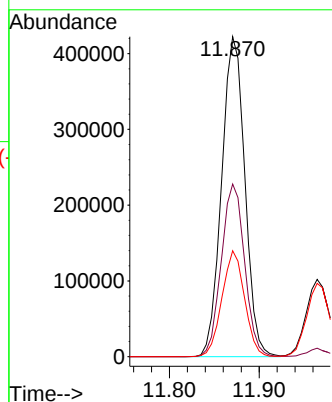
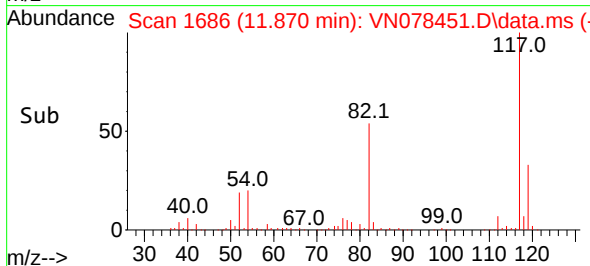
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:117 Resp: 759512
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 33.1 25.6 38.4

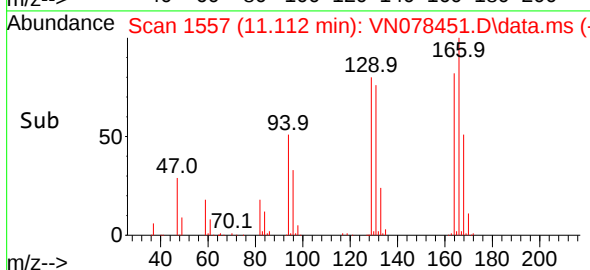
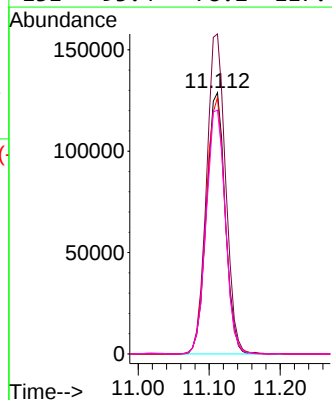
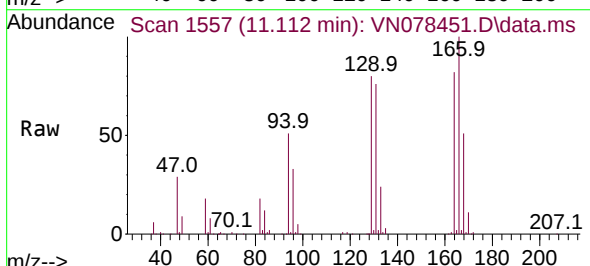
Manual Integrations
APPROVED

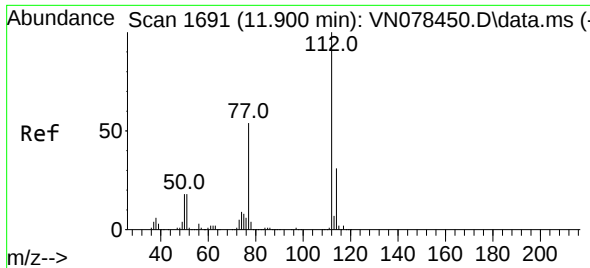
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 41.431 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion:164 Resp: 236578
Ion Ratio Lower Upper
164 100
166 122.5 101.4 152.0
129 98.2 82.4 123.6
131 93.4 78.2 117.4





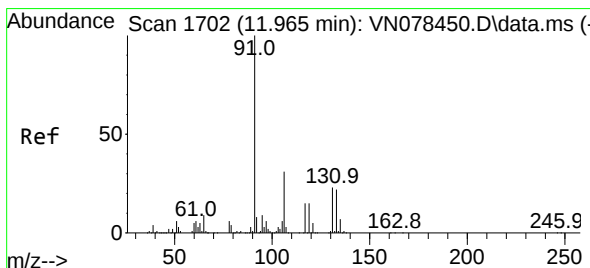
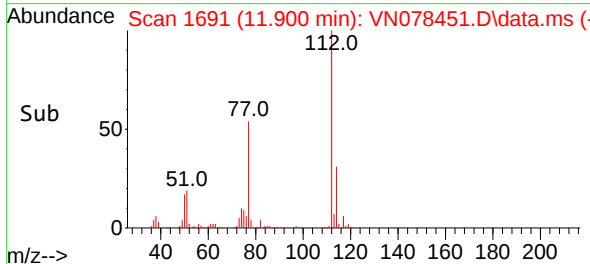
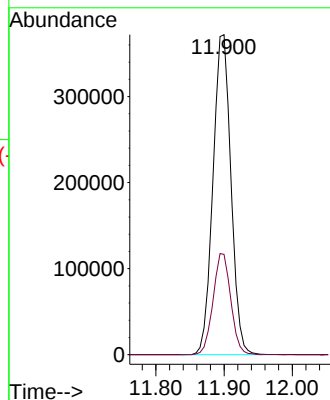
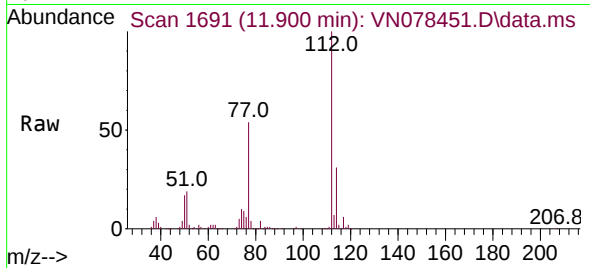
#65
Chlorobenzene
Concen: 40.221 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion:112 Resp: 68283
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

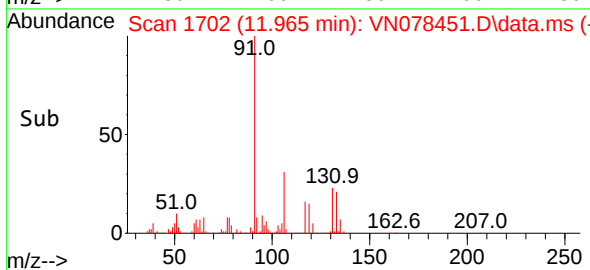
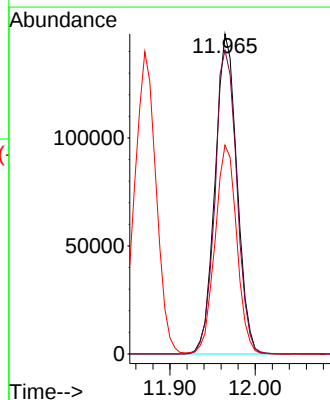
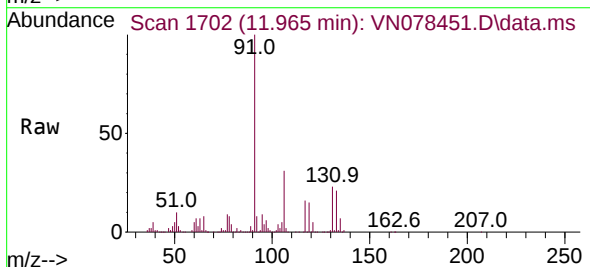
Manual Integrations
APPROVED

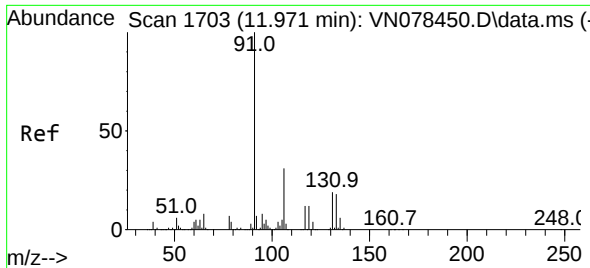
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 40.437 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

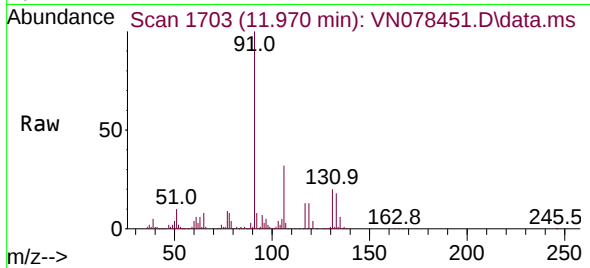
Tgt Ion:131 Resp: 264094
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 41.605 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

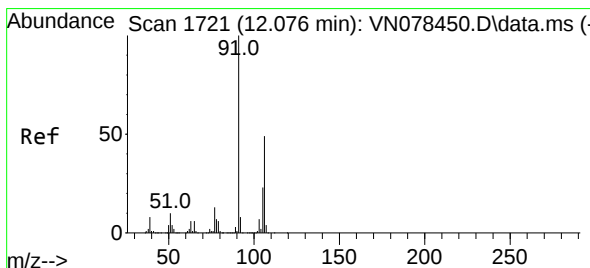
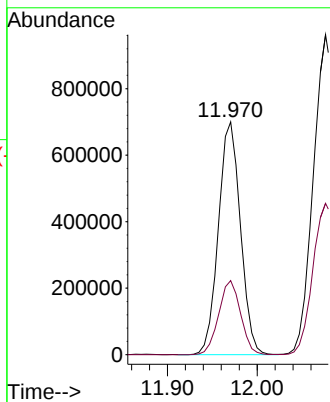
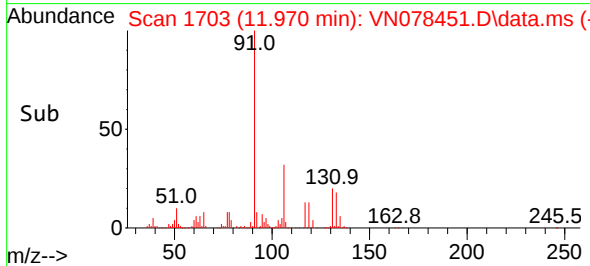
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



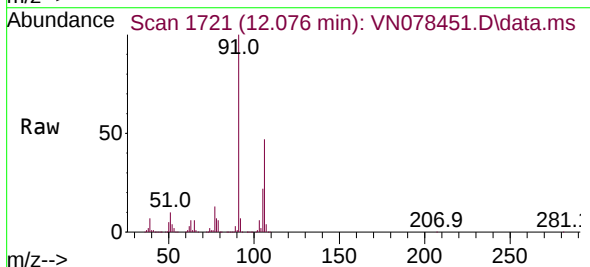
Tgt Ion: 91 Resp: 1193910
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

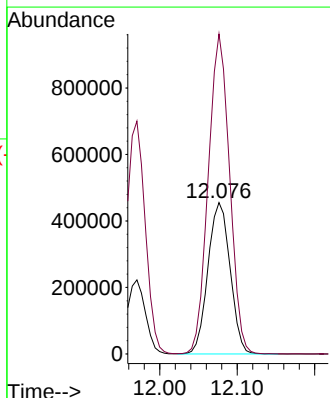
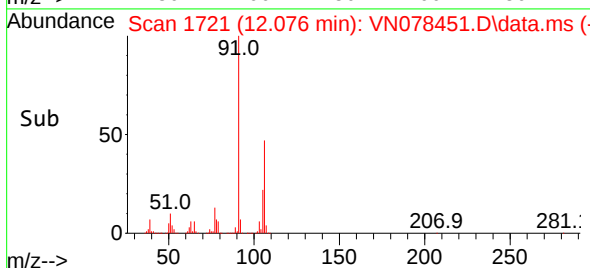
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

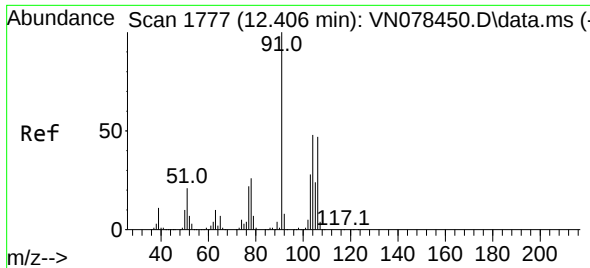


#68
m/p-Xylenes
Concen: 85.335 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



Tgt Ion:106 Resp: 905406
Ion Ratio Lower Upper
106 100
91 204.1 159.6 239.4





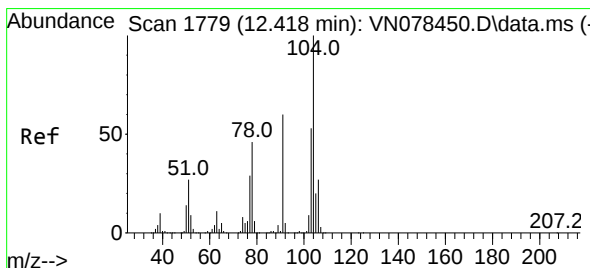
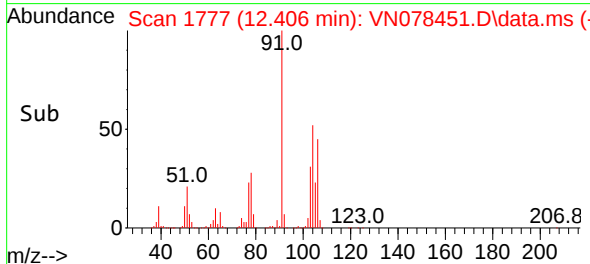
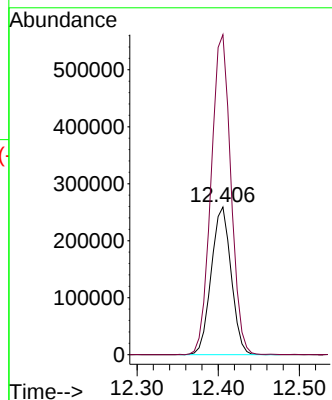
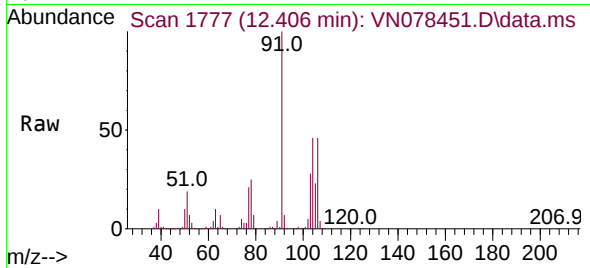
#69
o-Xylene
Concen: 41.088 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:106 Resp: 440325
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5

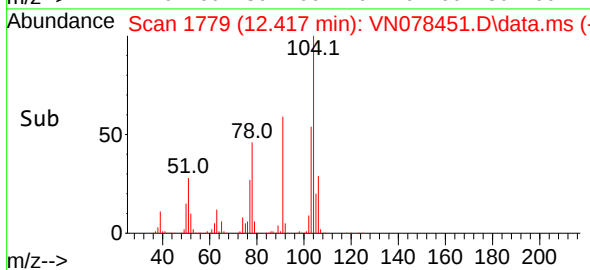
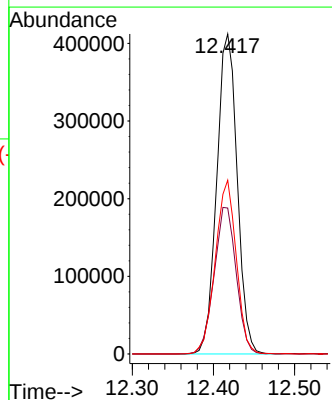
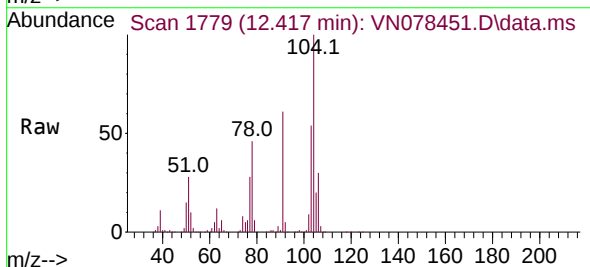
Manual Integrations
APPROVED

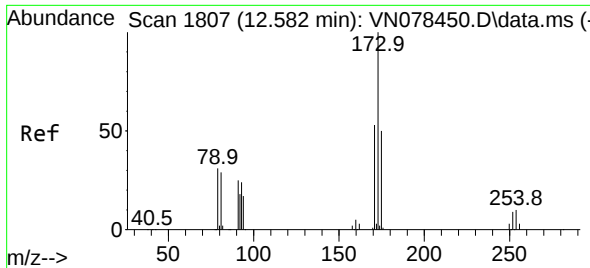
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 43.130 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

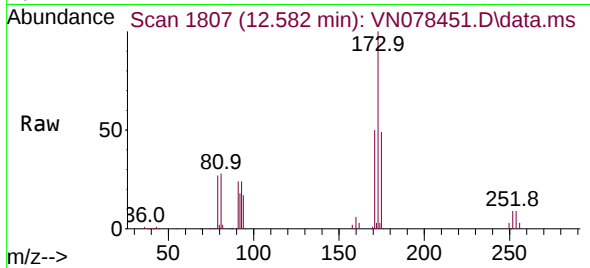
Tgt Ion:104 Resp: 723105
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 42.673 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

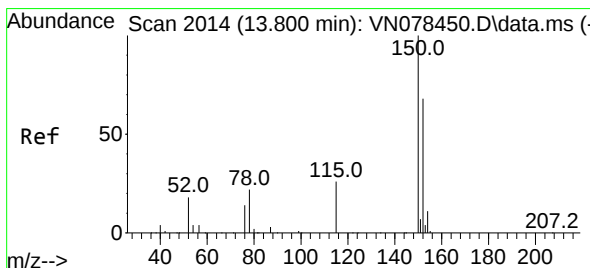
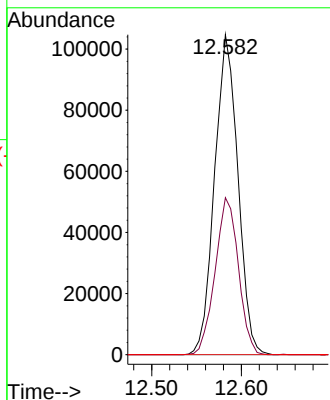
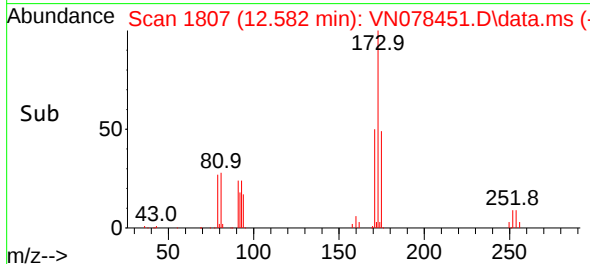
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040



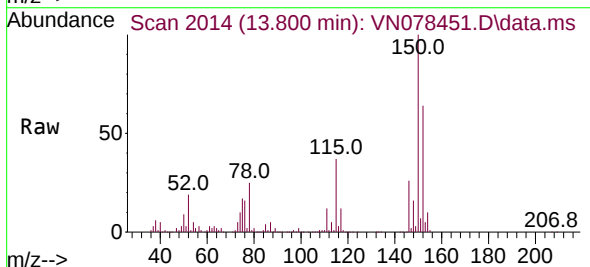
Tgt Ion:173 Resp: 188750
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

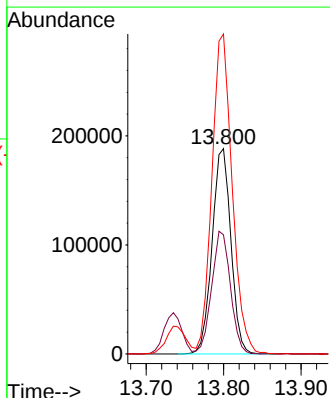
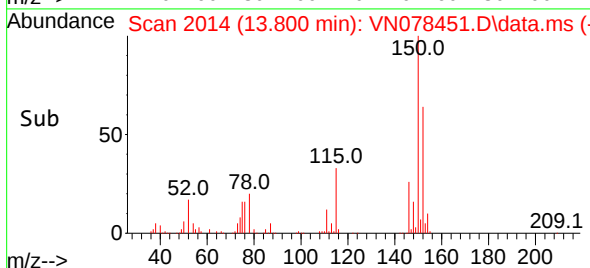
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

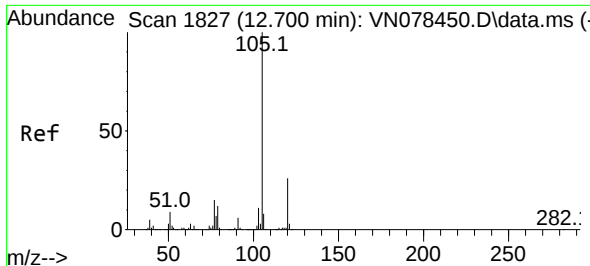


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



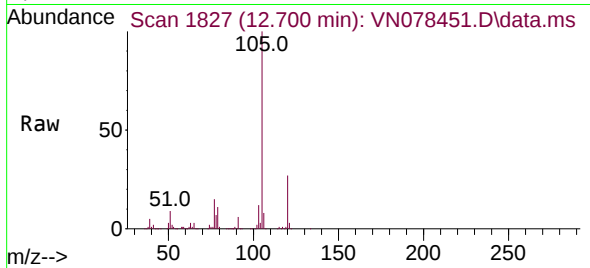
Tgt Ion:152 Resp: 317914
Ion Ratio Lower Upper
152 100
115 59.7 32.3 96.8
150 167.6 0.0 355.8





#73
Isopropylbenzene
Concen: 36.984 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

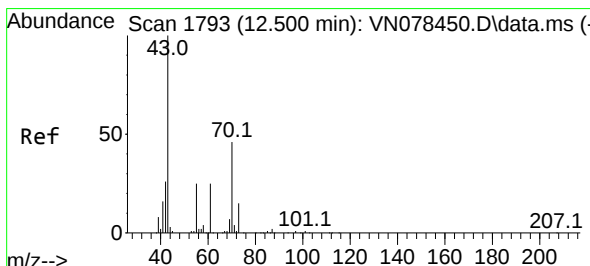
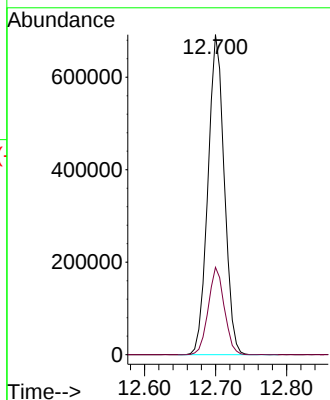
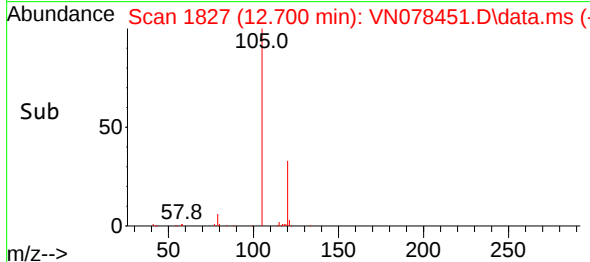
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



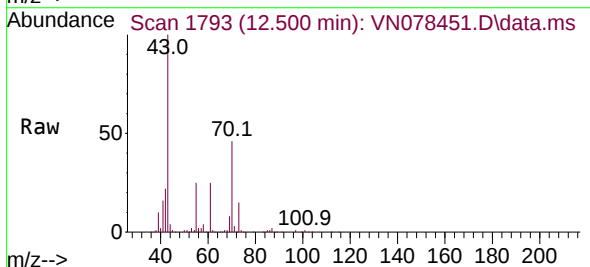
Tgt Ion:105 Resp: 110481
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

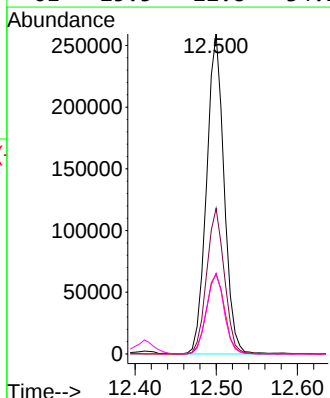
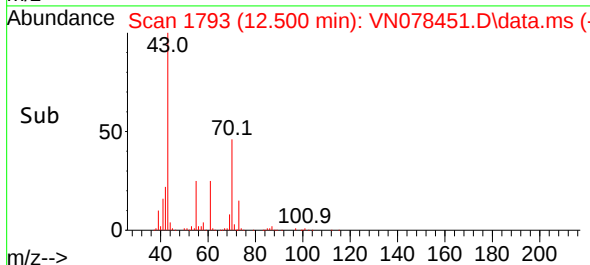
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

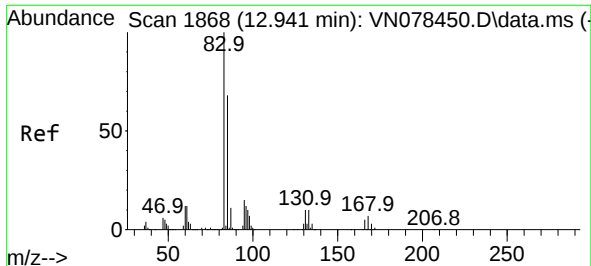


#74
N-ethyl acetate
Concen: 37.727 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



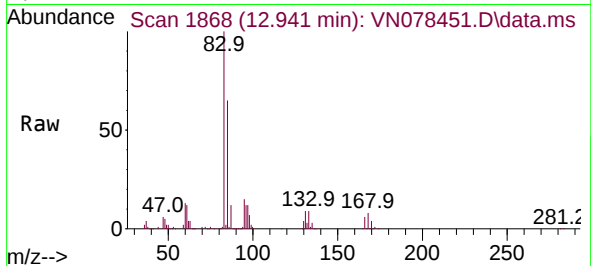
Tgt Ion: 43 Resp: 388381
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 26.1 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.076 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

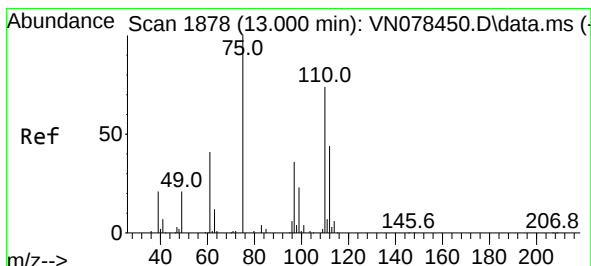
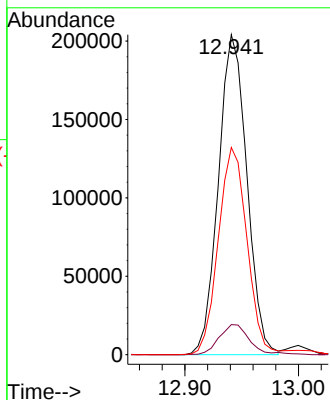
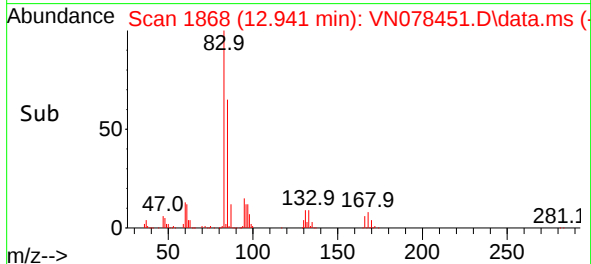
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



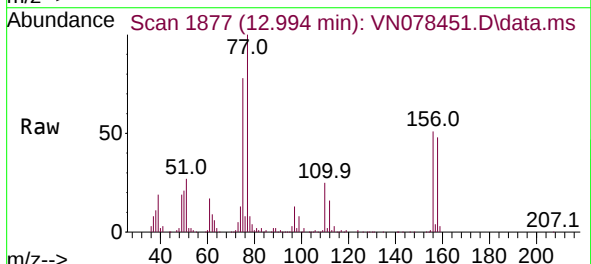
Tgt Ion: 83 Resp: 355158
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
APPROVED

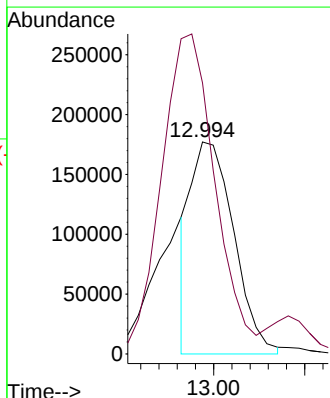
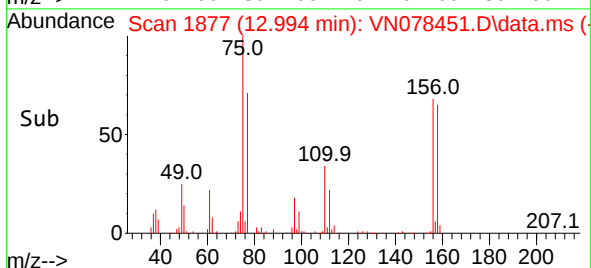
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

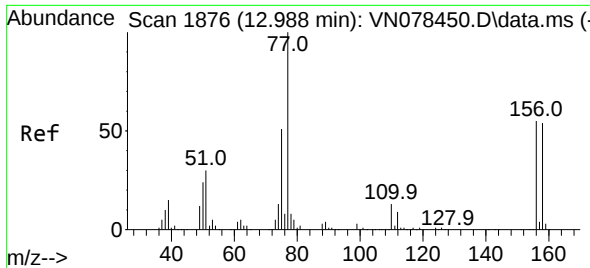


#76
1,2,3-Trichloropropane
Concen: 37.872 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



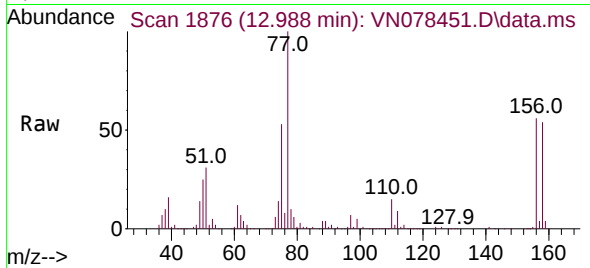
Tgt Ion: 75 Resp: 290690
Ion Ratio Lower Upper
75 100
77 188.3 84.5 253.5





#77
Bromobenzene
Concen: 41.006 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

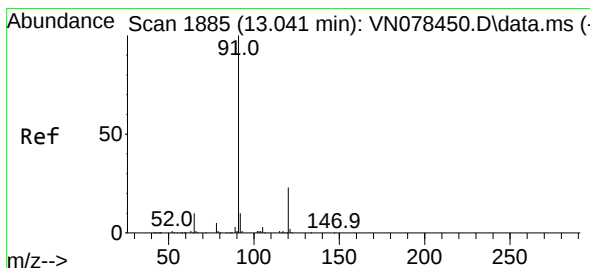
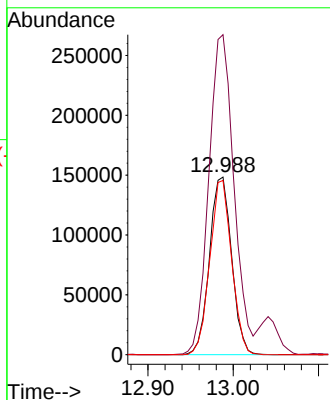
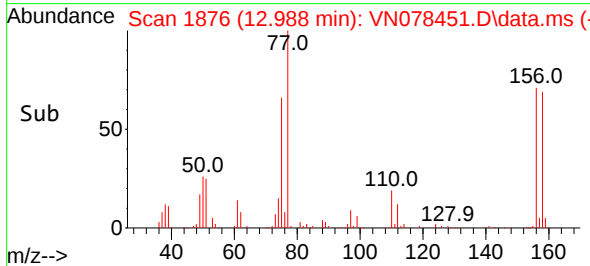
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:156 Resp: 268189
Ion Ratio Lower Upper
156 100
77 204.1 107.7 323.3
158 96.2 48.4 145.3

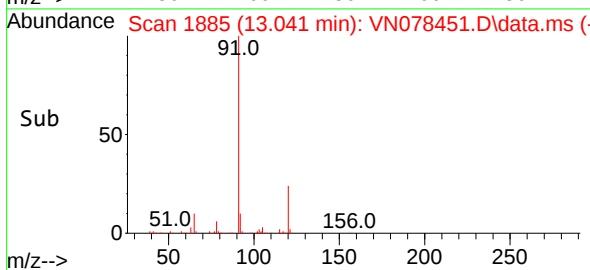
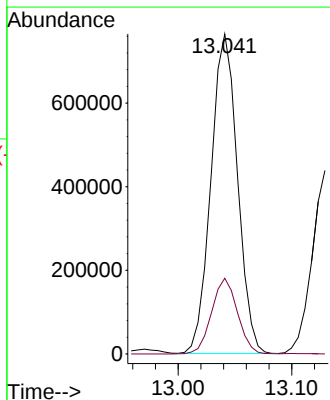
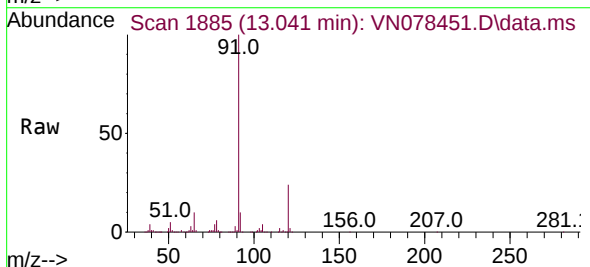
Manual Integrations
APPROVED

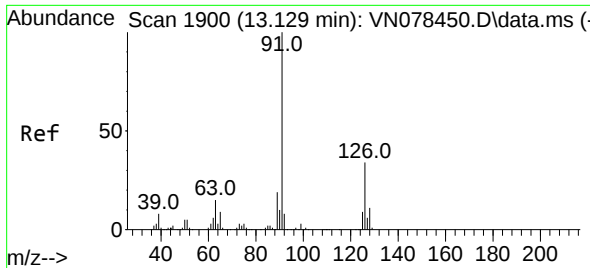
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#78
n-propylbenzene
Concen: 38.892 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 91 Resp: 1242491
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





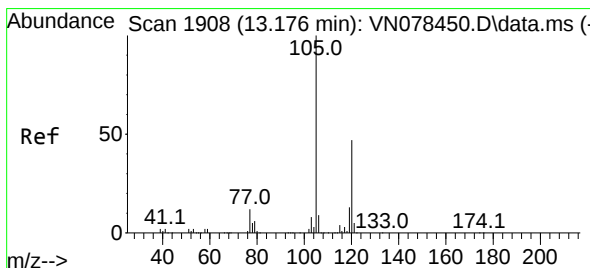
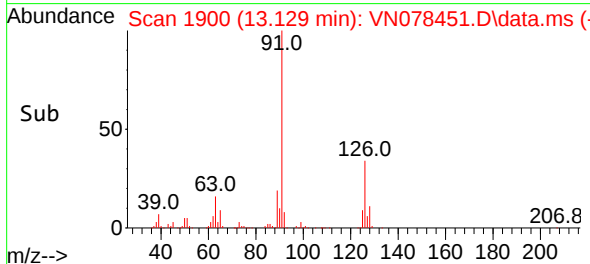
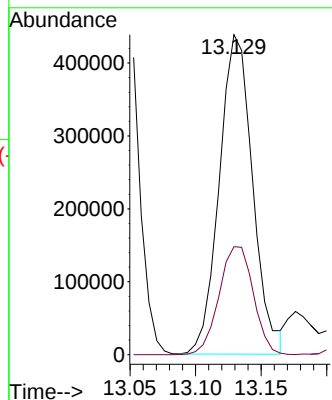
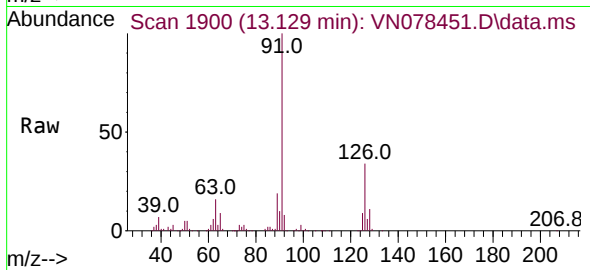
#79
2-Chlorotoluene
Concen: 37.042 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion: 91 Resp: 775129
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

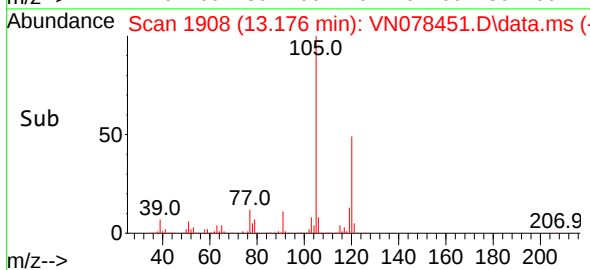
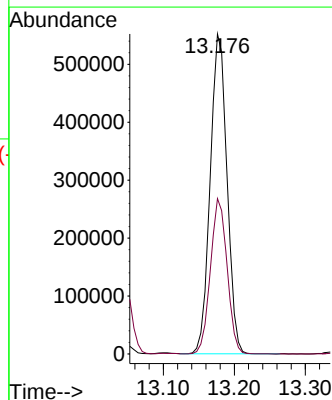
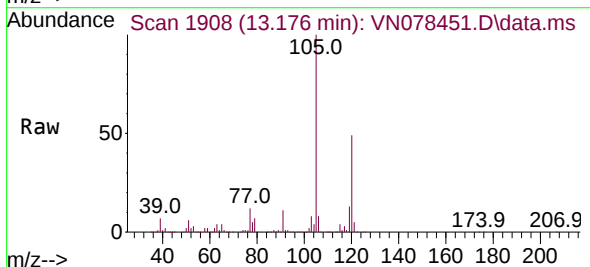
Manual Integrations
APPROVED

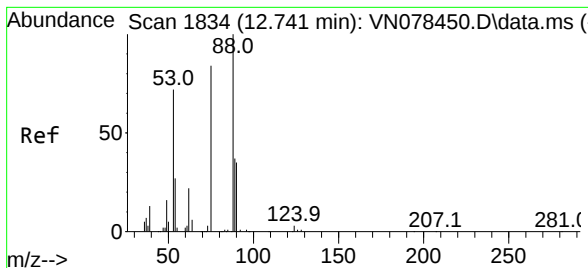
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 38.381 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

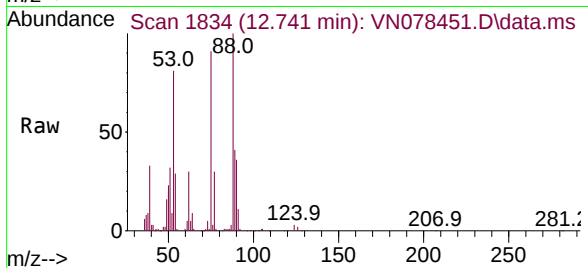
Tgt Ion:105 Resp: 905907
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 37.191 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

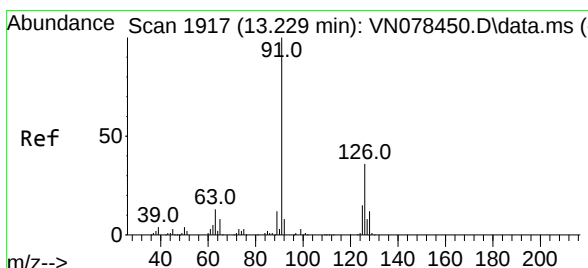
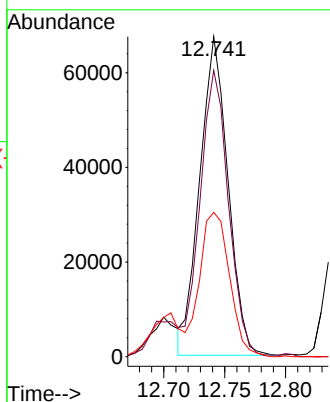
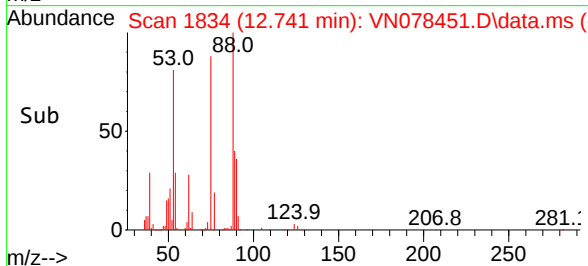
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion: 75 Resp: 108755
Ion Ratio Lower Upper
75 100
53 90.1 67.4 101.2
89 47.7 38.8 58.2

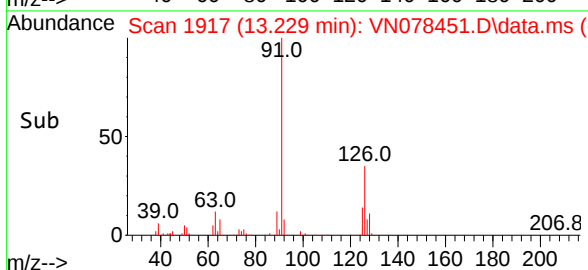
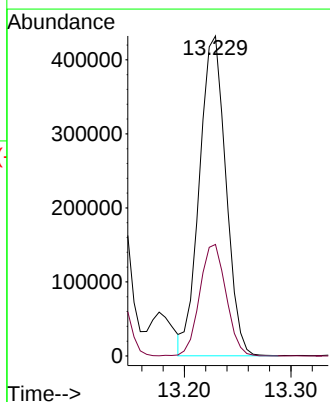
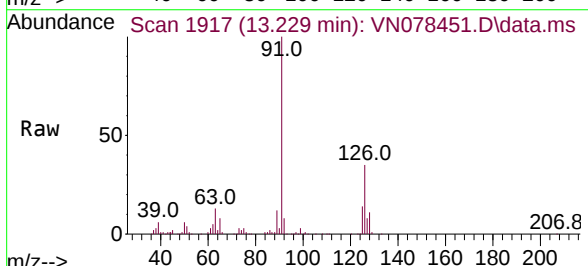
Manual Integrations
APPROVED

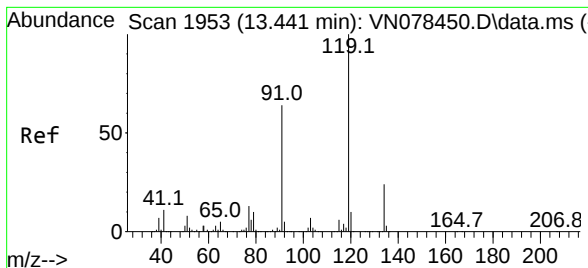
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 38.113 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion: 91 Resp: 743995
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





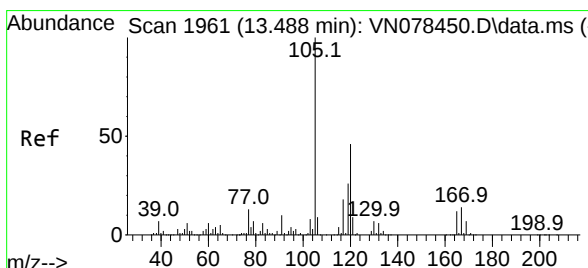
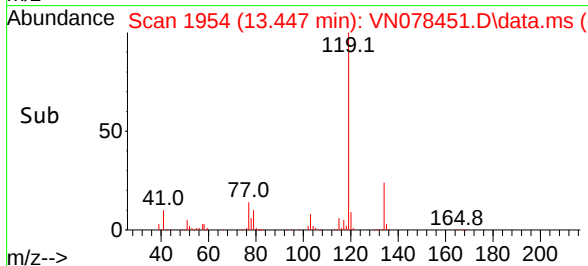
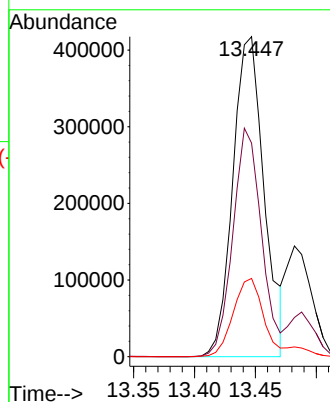
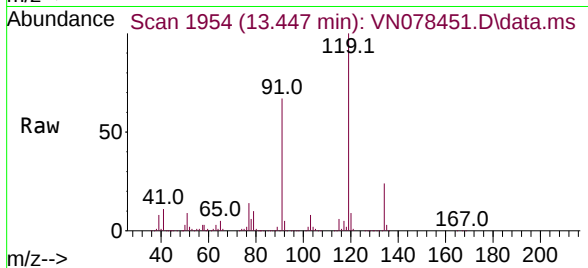
#83
tert-Butylbenzene
Concen: 37.204 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC040

Tgt Ion:119 Resp: 74553
Ion Ratio Lower Upper
119 100
91 65.5 33.9 101.7
134 25.7 13.2 39.6

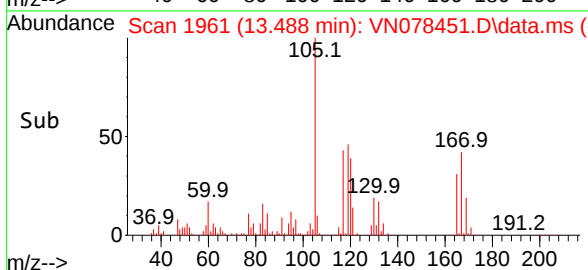
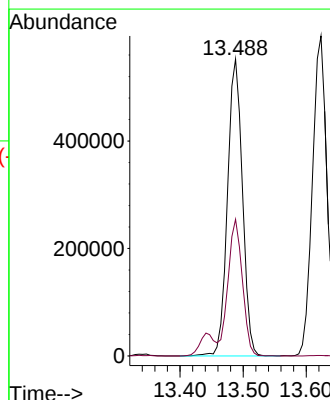
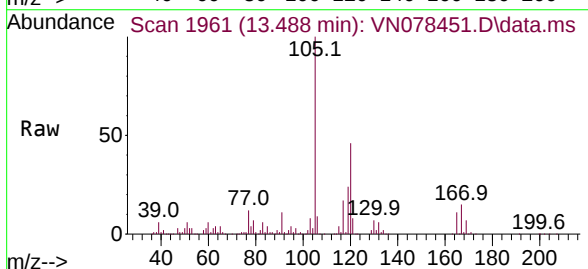
Manual Integrations
APPROVED

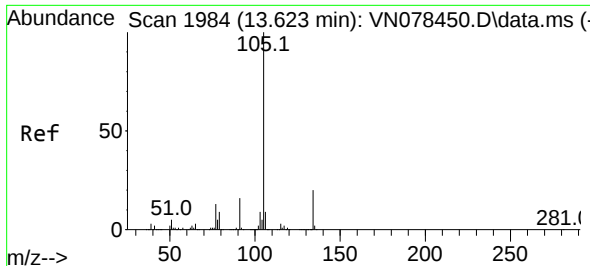
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 39.560 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

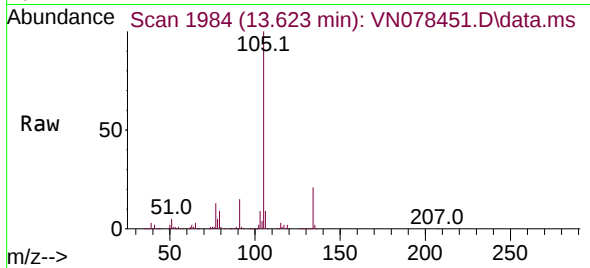
Tgt Ion:105 Resp: 906971
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 37.565 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078451.D
 Acq: 10 Jul 2023 13:10

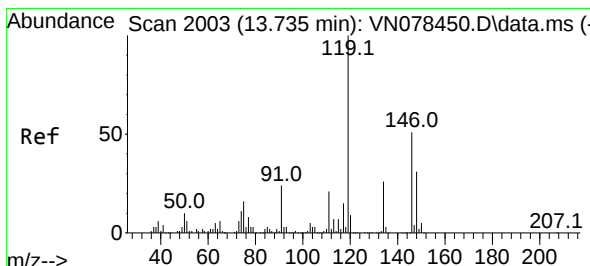
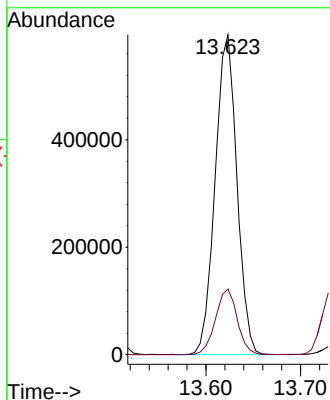
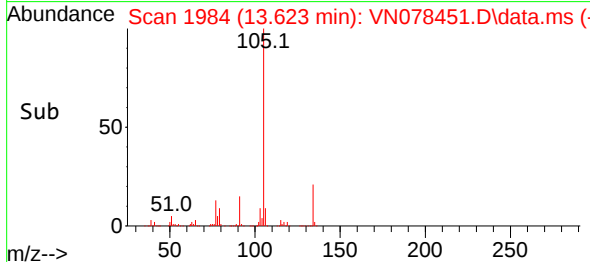
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040



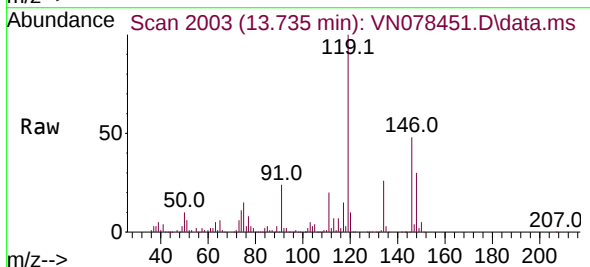
Tgt Ion:105 Resp: 951488
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3

Manual Integrations
 APPROVED

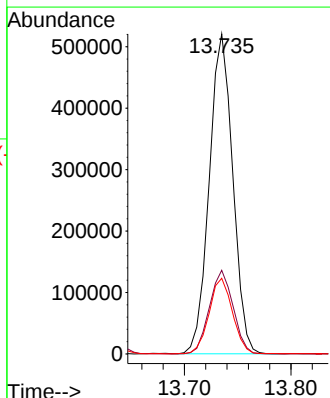
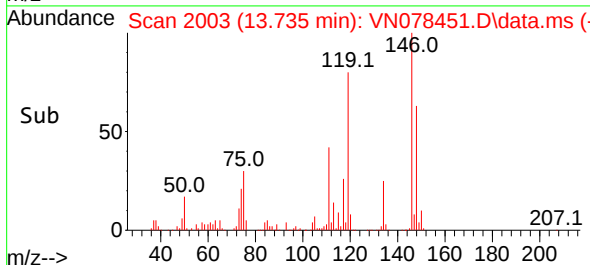
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

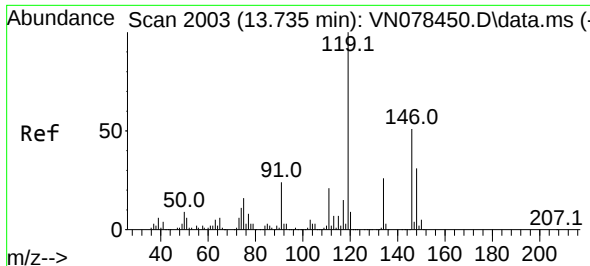


#86
 p-Isopropyltoluene
 Concen: 39.202 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078451.D
 Acq: 10 Jul 2023 13:10



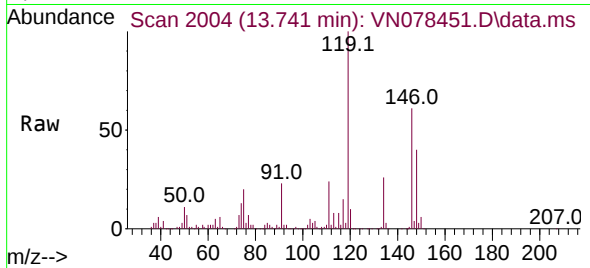
Tgt Ion:119 Resp: 797311
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 38.987 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

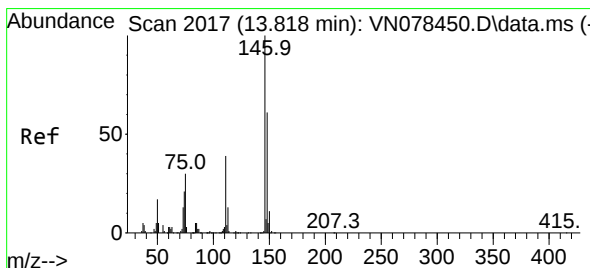
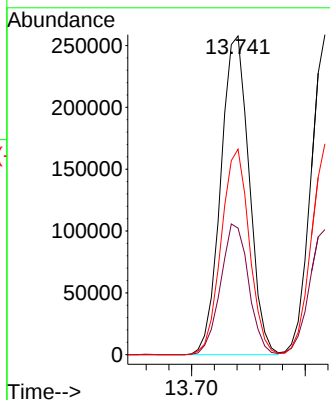
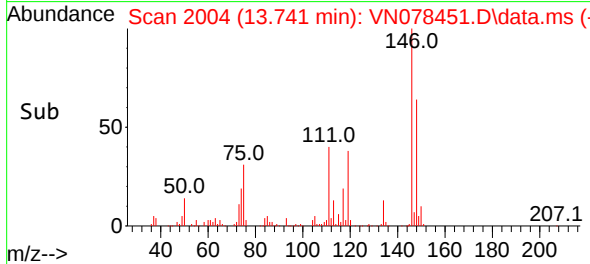
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



Tgt Ion:146 Resp: 44710
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 63.8 32.0 96.0

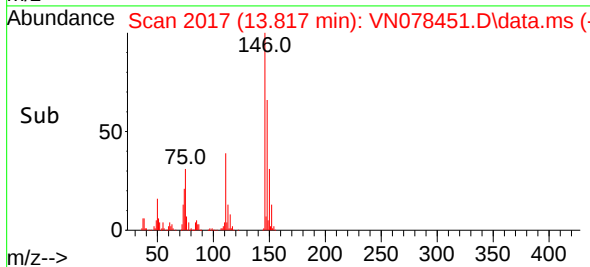
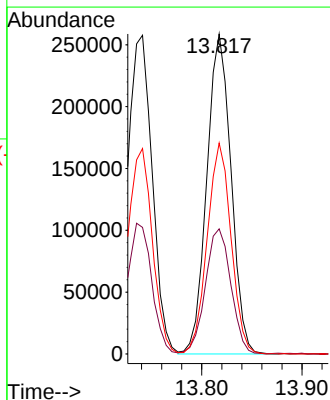
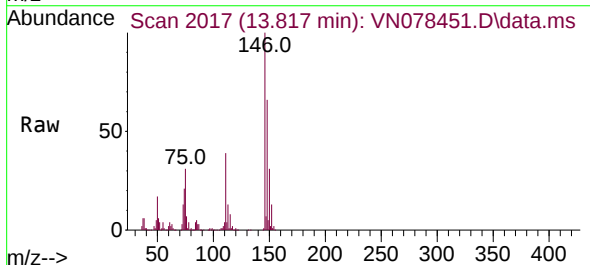
Manual Integrations
APPROVED

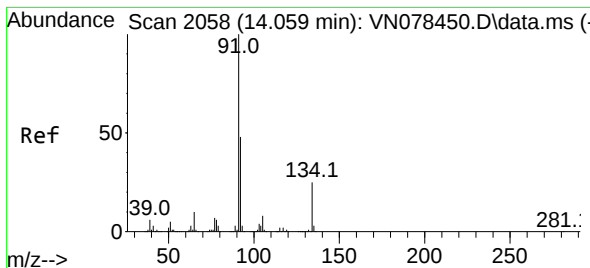
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#88
1,4-Dichlorobenzene
Concen: 37.642 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Tgt Ion:146 Resp: 434810
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 40.954 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN078451.D

Acq: 10 Jul 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC040

Tgt Ion: 91 Resp: 595980

Ion Ratio Lower Upper

91 100

92 50.8 26.4 79.0

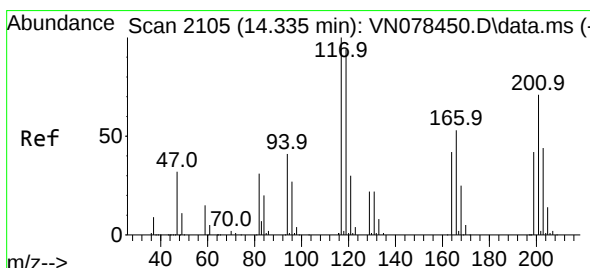
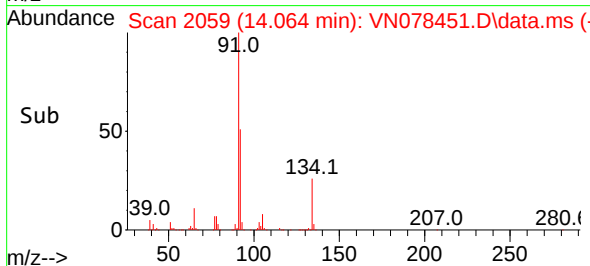
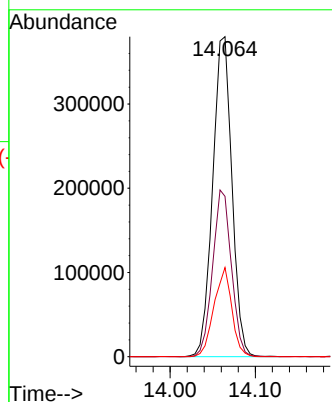
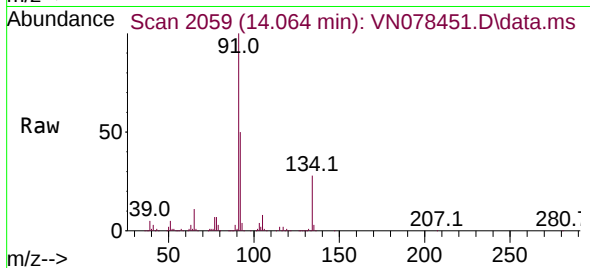
134 25.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#90

Hexachloroethane

Concen: 39.729 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078451.D

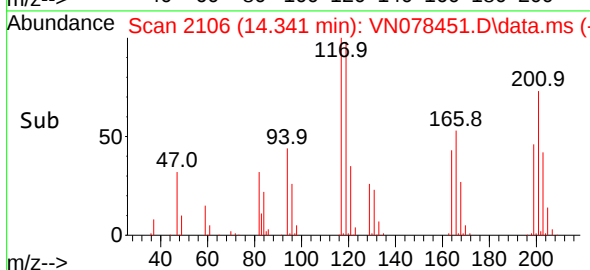
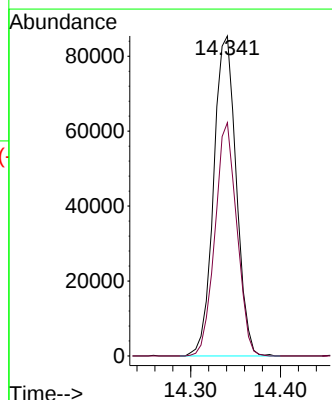
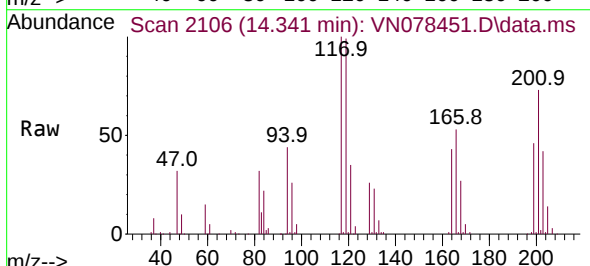
Acq: 10 Jul 2023 13:10

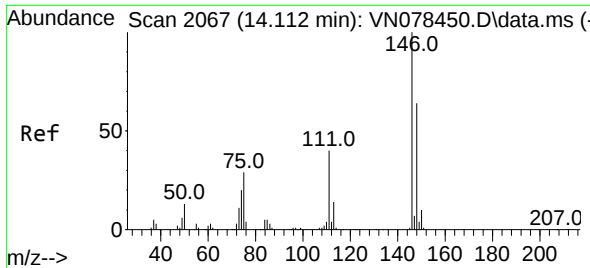
Tgt Ion:117 Resp: 149143

Ion Ratio Lower Upper

117 100

201 70.6 29.3 88.0





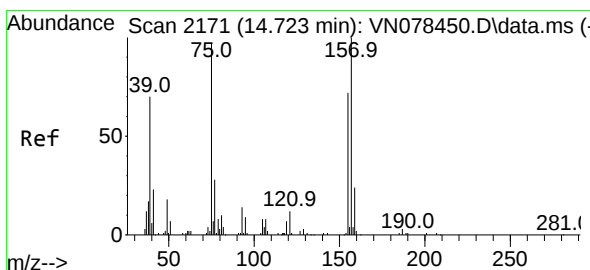
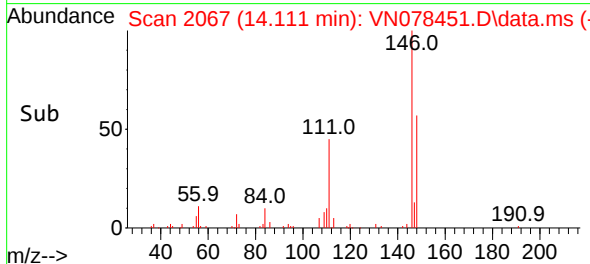
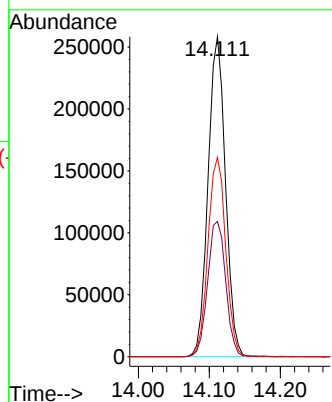
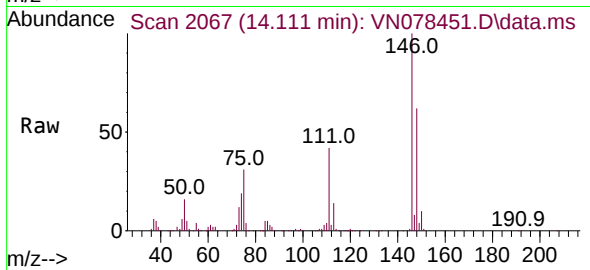
#91
1,2-Dichlorobenzene
Concen: 38.562 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Tgt Ion:146 Resp: 440090
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.5 31.8 95.3

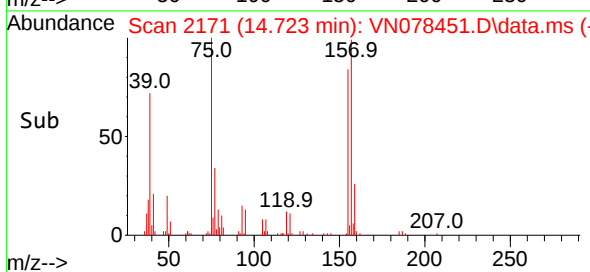
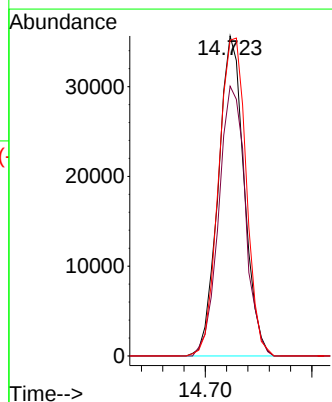
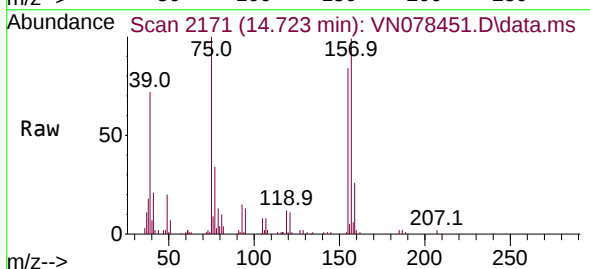
Manual Integrations
APPROVED

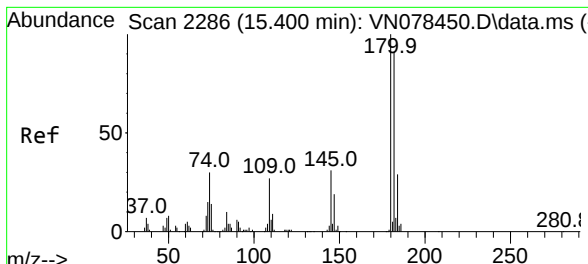
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.720 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

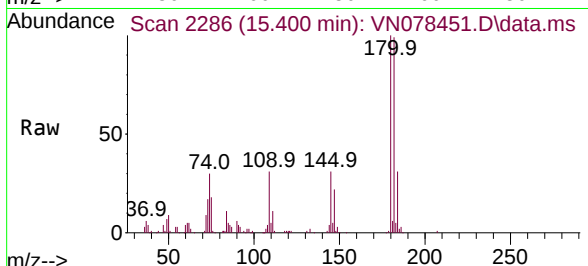
Tgt Ion: 75 Resp: 60119
Ion Ratio Lower Upper
75 100
155 86.4 39.1 117.2
157 105.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 40.890 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

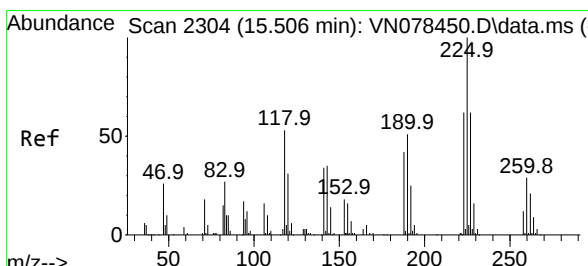
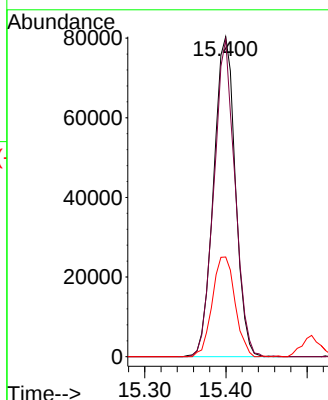
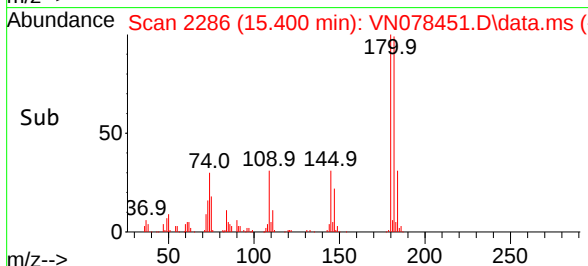
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



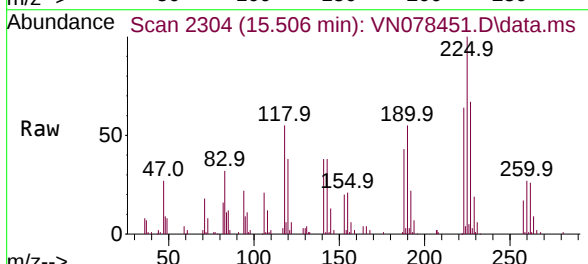
Tgt Ion:180 Resp: 148938
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 32.7 16.6 49.8

Manual Integrations
APPROVED

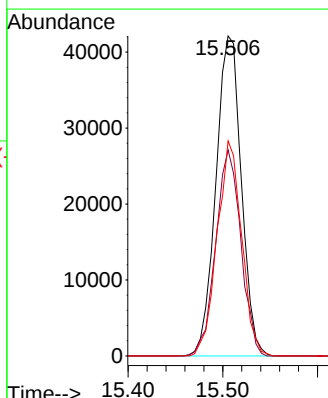
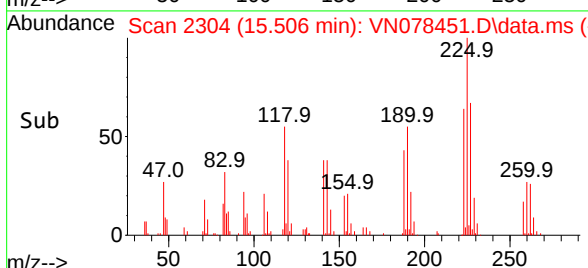
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

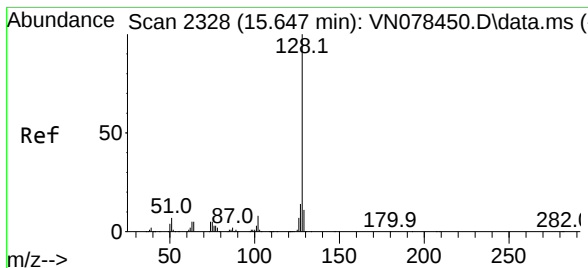


#94
Hexachlorobutadiene
Concen: 40.933 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



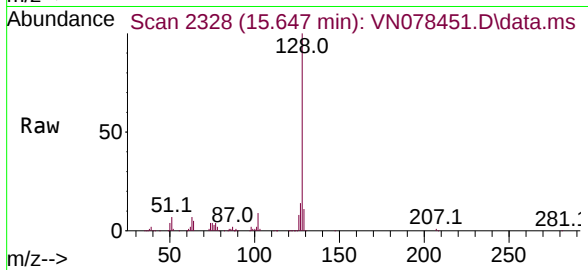
Tgt Ion:225 Resp: 78543
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 39.576 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10

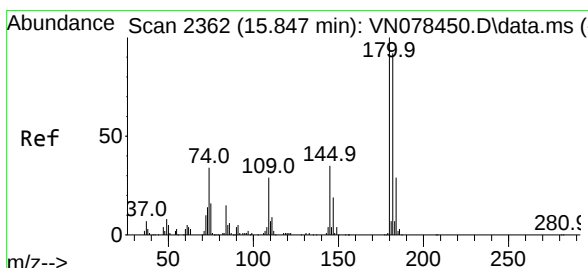
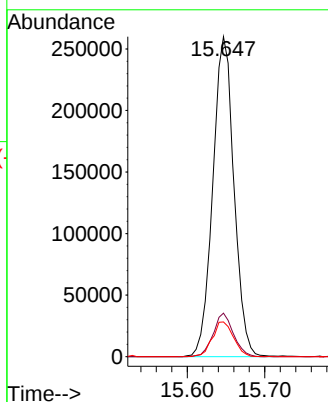
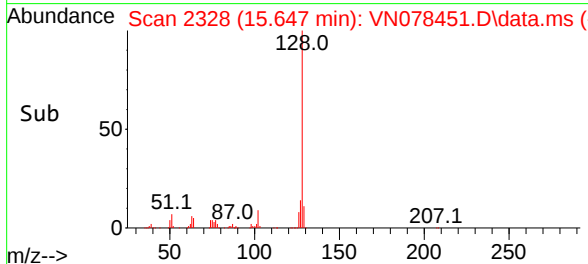
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040



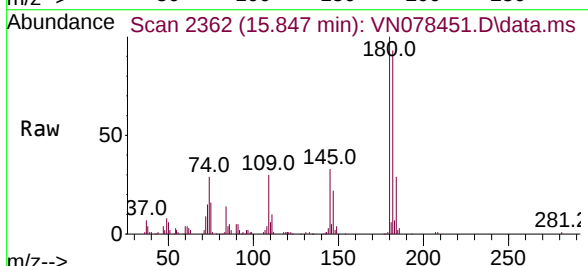
Tgt Ion:128 Resp: 492797
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 39.955 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078451.D
Acq: 10 Jul 2023 13:10



Tgt Ion:180 Resp: 167339
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 33.5 17.5 52.6

