

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078450.D
 Acq On : 10 Jul 2023 12:46
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 10 15:53:48 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	511467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	903394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	791641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	329469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	338670	49.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.780%		
35) Dibromofluoromethane	8.177	113	298691	48.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	10.571	98	1130269	48.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.853	95	358906	50.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	299933	47.830	ug/l	97
3) Chloromethane	2.371	50	313827	46.044	ug/l	100
4) Vinyl Chloride	2.518	62	415635	47.140	ug/l	99
5) Bromomethane	2.954	94	291038	52.428	ug/l	99
6) Chloroethane	3.118	64	291365	54.814	ug/l	99
7) Trichlorofluoromethane	3.501	101	502650	47.691	ug/l	96
8) Diethyl Ether	3.971	74	176460	50.251	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	274815	49.256	ug/l	96
10) Methyl Iodide	4.600	142	384209	50.113	ug/l	96
11) Tert butyl alcohol	5.536	59	261821	247.624	ug/l	99
12) 1,1-Dichloroethene	4.348	96	265593	49.212	ug/l	92
13) Acrolein	4.189	56	263797	253.584	ug/l	98
14) Allyl chloride	5.036	41	358576	48.623	ug/l	95
15) Acrylonitrile	5.730	53	672900	251.883	ug/l	99
16) Acetone	4.442	43	506777	237.268	ug/l	97
17) Carbon Disulfide	4.718	76	736661	47.204	ug/l	97
18) Methyl Acetate	5.036	43	442186	48.906	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	904029	50.840	ug/l	97
20) Methylene Chloride	5.283	84	314383	50.182	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	302992	49.821	ug/l	91
22) Diisopropyl ether	6.683	45	845665	51.213	ug/l #	94
23) Vinyl Acetate	6.612	43	2765637	263.451	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	550375	49.464	ug/l	98
25) 2-Butanone	7.489	43	844994	251.324	ug/l	88
26) 2,2-Dichloropropane	7.500	77	452793	49.755	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	351806	50.005	ug/l	94
28) Bromochloromethane	7.818	49	262465	50.081	ug/l	92
29) Tetrahydrofuran	7.847	42	565312	256.244	ug/l #	84
30) Chloroform	7.977	83	585983	50.585	ug/l	93
31) Cyclohexane	8.265	56	424317	45.790	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	528160	50.853	ug/l	97
36) 1,1-Dichloropropene	8.377	75	430695	48.640	ug/l	97
37) Ethyl Acetate	7.571	43	369467	50.053	ug/l #	94
38) Carbon Tetrachloride	8.365	117	474963	49.353	ug/l	96
39) Methylcyclohexane	9.606	83	402713	49.825	ug/l	91
40) Benzene	8.612	78	1303523	49.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	184972	49.156	ug/l	92
42) 1,2-Dichloroethane	8.677	62	428689	48.044	ug/l	98
43) Isopropyl Acetate	8.694	43	609663	50.167	ug/l	94
44) Trichloroethene	9.359	130	335140	47.401	ug/l	96
45) 1,2-Dichloropropane	9.630	63	323797	48.734	ug/l	99
46) Dibromomethane	9.718	93	234496	50.145	ug/l	93
47) Bromodichloromethane	9.894	83	467677	49.891	ug/l	97
48) Methyl methacrylate	9.688	41	289338	51.390	ug/l	88
49) 1,4-Dioxane	9.700	88	121954	993.233	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1852478	256.271	ug/l	94
52) Toluene	10.635	92	814804	50.115	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	490353	51.060	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	533674	52.134	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	316794	49.454	ug/l	96
56) Ethyl methacrylate	10.882	69	476305	53.191	ug/l	93
57) 1,3-Dichloropropane	11.171	76	542990	49.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	835934	261.951	ug/l	94
59) 2-Hexanone	11.200	43	1344833	261.771	ug/l	92
60) Dibromochloromethane	11.365	129	361937	51.179	ug/l	99
61) 1,2-Dibromoethane	11.476	107	332161	50.336	ug/l	97
64) Tetrachloroethene	11.106	164	295482	49.646	ug/l	97
65) Chlorobenzene	11.900	112	866971	48.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	339102	49.815	ug/l	98
67) Ethyl Benzene	11.971	91	1539468	51.469	ug/l	98
68) m/p-Xylenes	12.076	106	1167599	105.581	ug/l	98
69) o-Xylene	12.406	106	568790	50.921	ug/l	97
70) Styrene	12.418	104	926334	53.009	ug/l	98
71) Bromoform	12.582	173	241874	52.464	ug/l #	98
73) Isopropylbenzene	12.700	105	1429692	46.181	ug/l	99
74) N-amyl acetate	12.500	43	501898	47.043	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	451410	52.351	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	366977m	46.134	ug/l	
77) Bromobenzene	12.988	156	340936	50.662	ug/l	97
78) n-propylbenzene	13.041	91	1589295	48.003	ug/l	99
79) 2-Chlorotoluene	13.129	91	993931	45.832	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1148553	46.955	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	141562	46.712	ug/l	87
82) 4-Chlorotoluene	13.229	91	951921	47.054	ug/l	98
83) tert-Butylbenzene	13.441	119	964839	46.459	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1133229	47.696	ug/l	98
85) sec-Butylbenzene	13.623	105	1229885	46.853	ug/l	98
86) p-Isopropyltoluene	13.735	119	1014504	48.131	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	575254	48.403	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	567782	47.430	ug/l	98
89) n-Butylbenzene	14.059	91	764971	50.723	ug/l	97
90) Hexachloroethane	14.335	117	190986	49.287	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	568034	48.027	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	74837	50.514	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	200731	53.177	ug/l	98
94) Hexachlorobutadiene	15.506	225	106143	54.749	ug/l	98
95) Naphthalene	15.647	128	653821	50.666	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	217418	50.092	ug/l	99

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

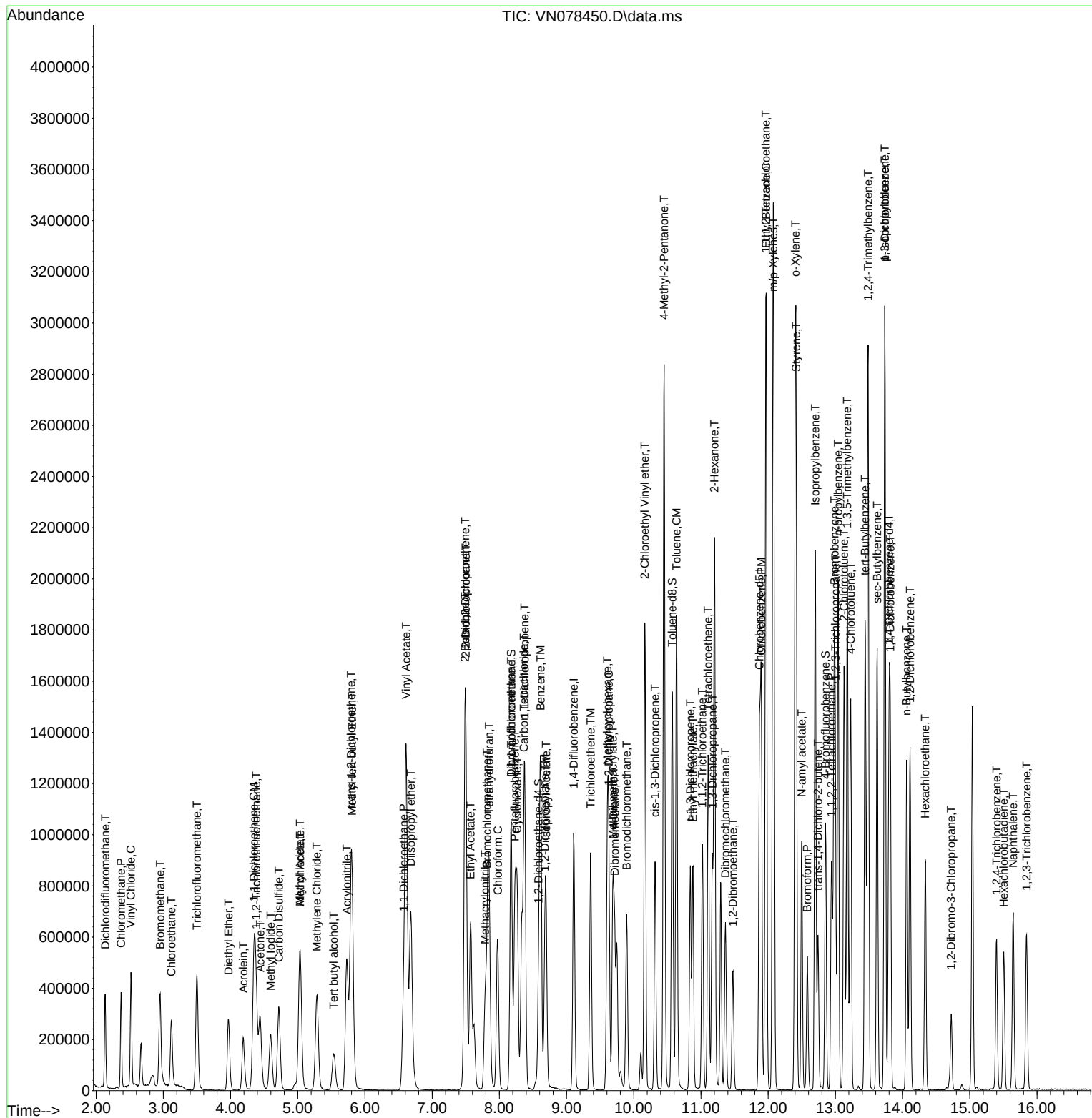
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
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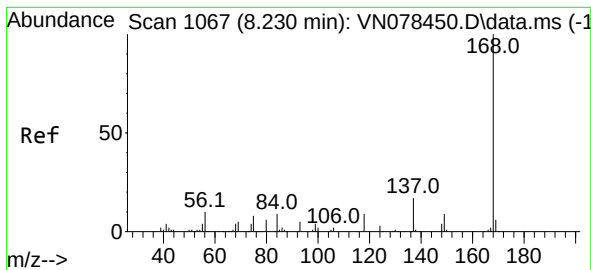
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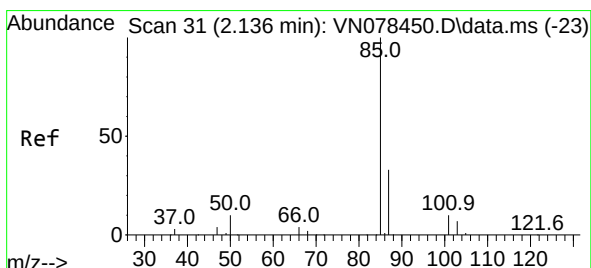
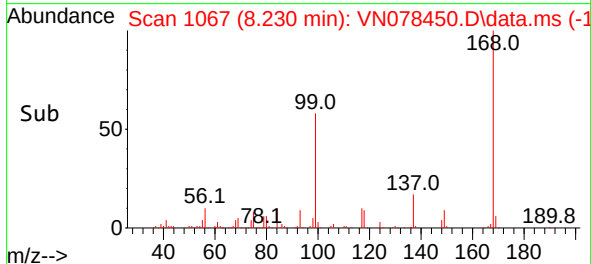
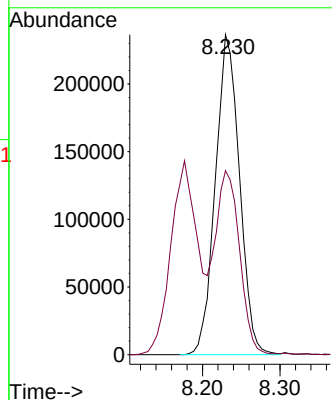
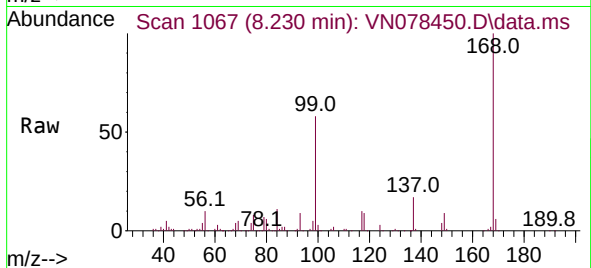
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 51146
Ion Ratio Lower Upper
168 100
99 57.2 53.0 79.6

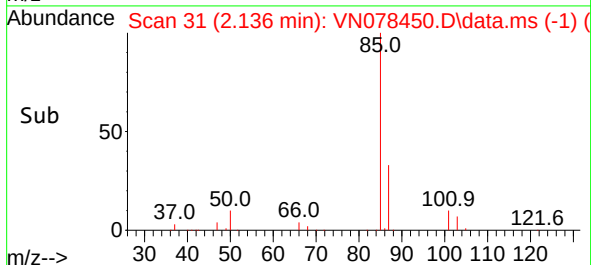
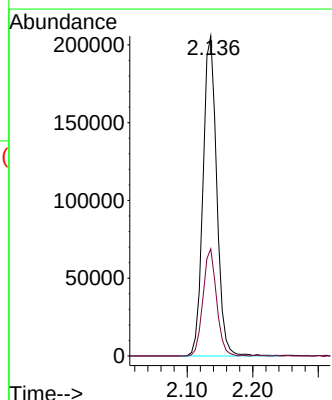
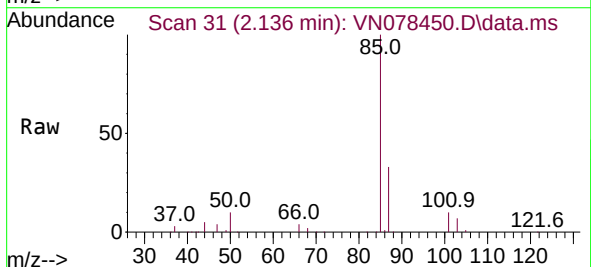
Manual Integrations
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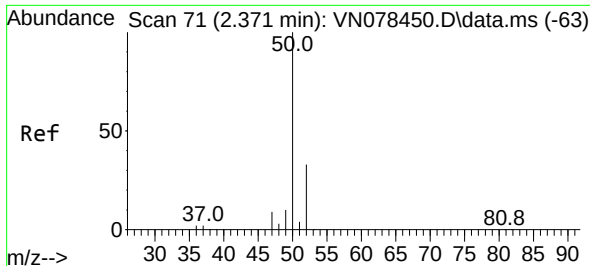
Reviewed By :John Carlone 07/10/2023
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#2
Dichlorodifluoromethane
Concen: 47.830 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078450.D
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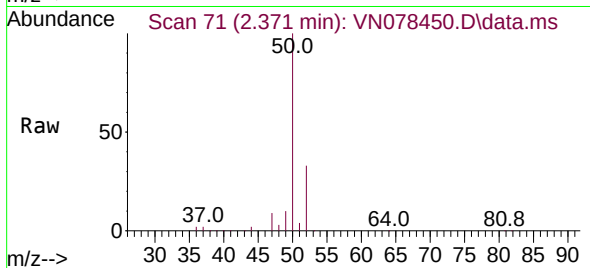
Tgt Ion: 85 Resp: 299933
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 46.044 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

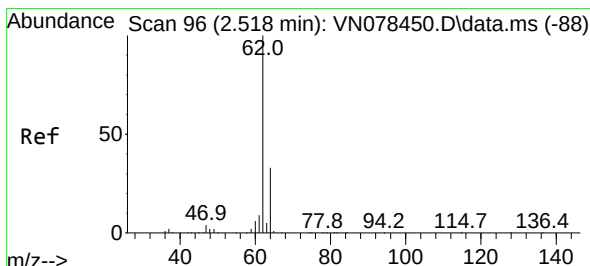
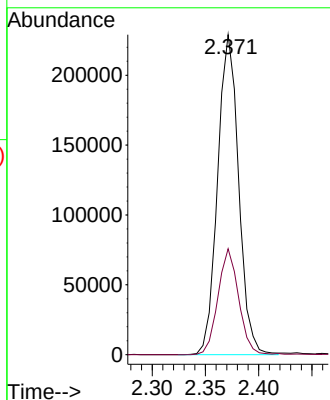
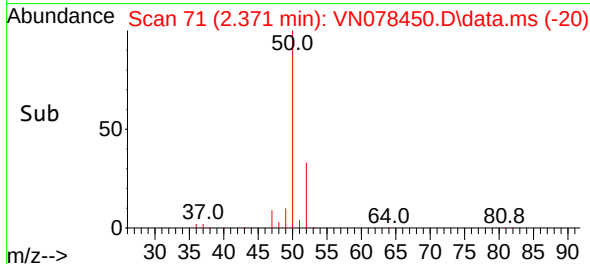
Instrument :
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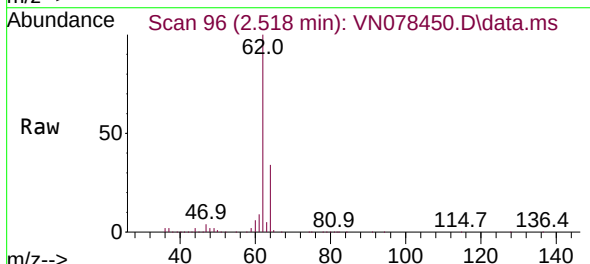
Tgt Ion: 50 Resp: 31382
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

Manual Integrations
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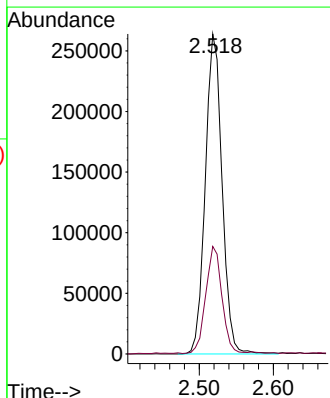
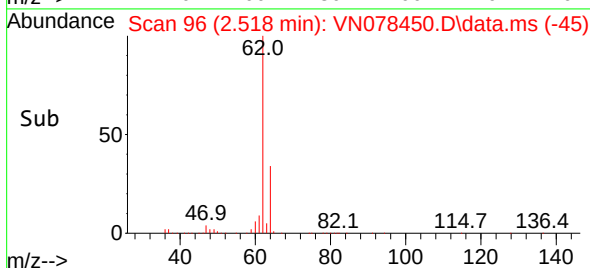
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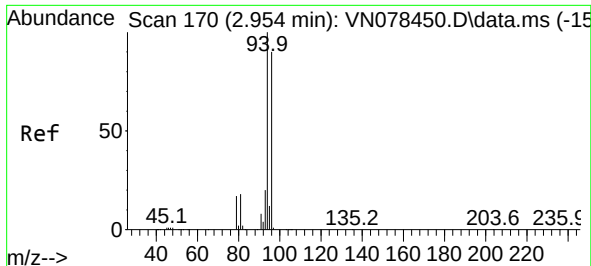


#4
Vinyl Chloride
Concen: 47.140 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



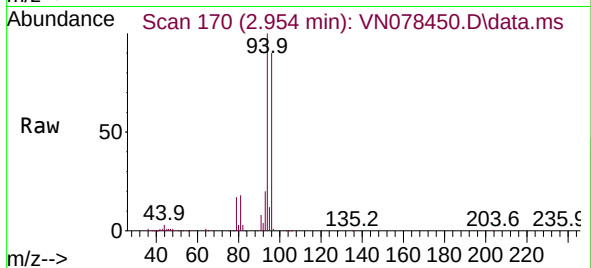
Tgt Ion: 62 Resp: 415635
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





#5
Bromomethane
Concen: 52.428 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078450.D
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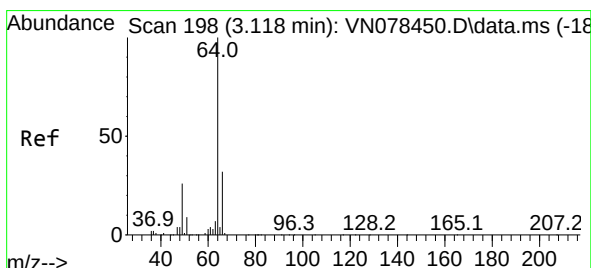
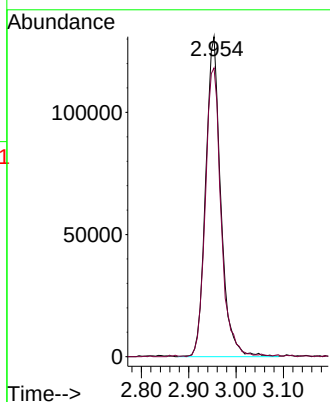
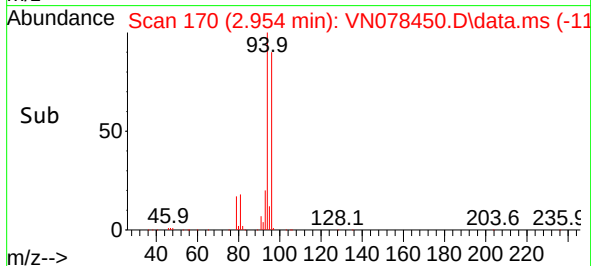
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Tgt Ion: 94 Resp: 291038
Ion Ratio Lower Upper
94 100
96 90.0 73.1 109.7

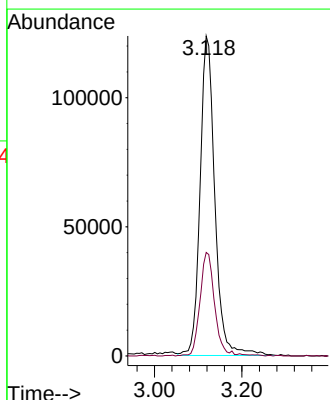
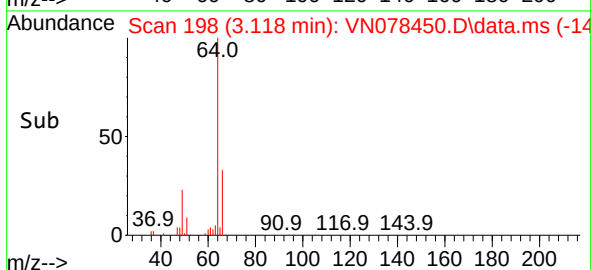
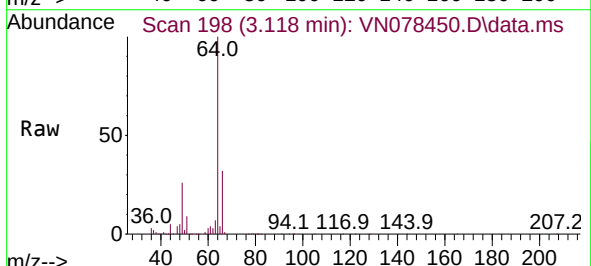
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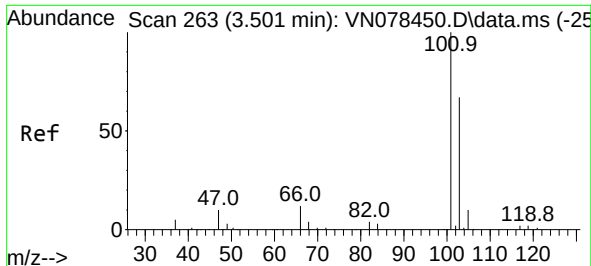
Reviewed By :John Carlone 07/10/2023
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#6
Chloroethane
Concen: 54.814 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078450.D
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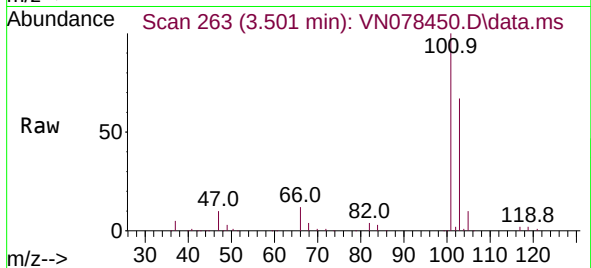
Tgt Ion: 64 Resp: 291365
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.691 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

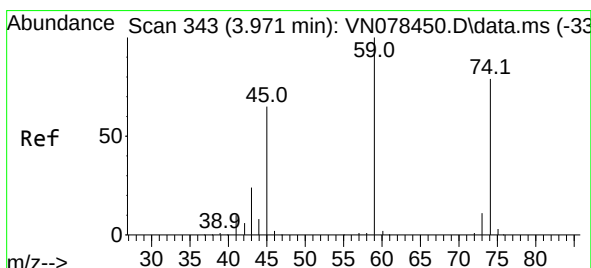
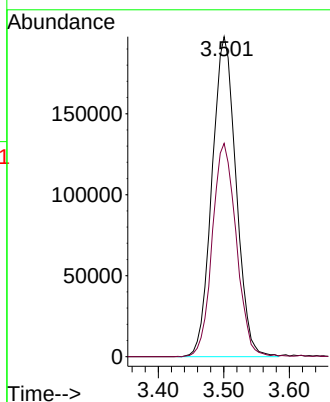
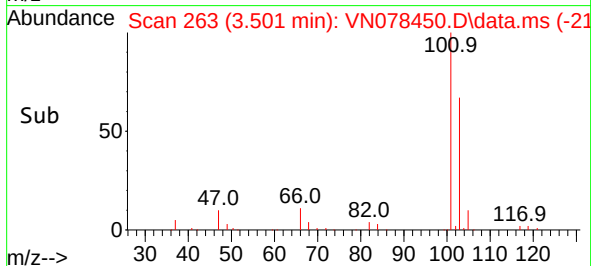
Instrument :
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Tgt Ion:101 Resp: 502650
Ion Ratio Lower Upper
101 100
103 66.6 50.7 76.1

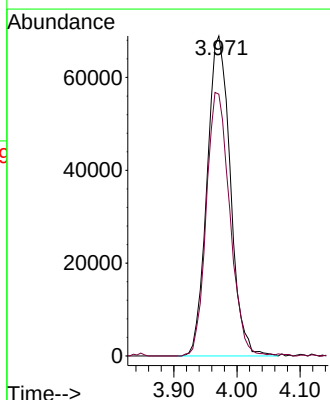
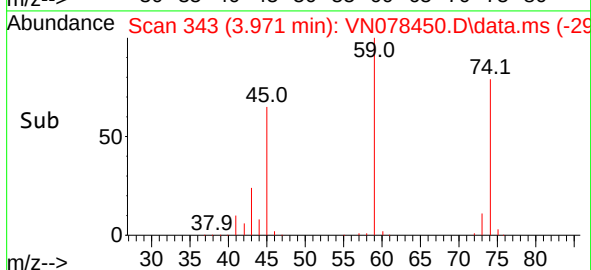
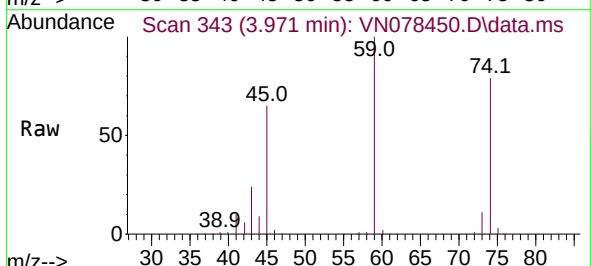
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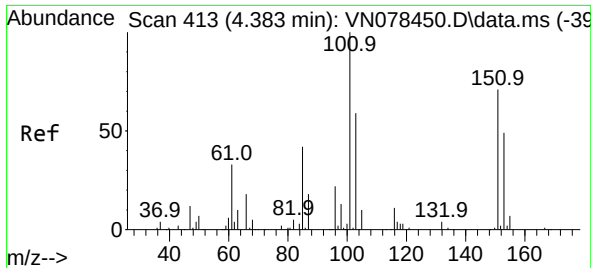
Reviewed By :John Carlone 07/10/2023
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#8
Diethyl Ether
Concen: 50.251 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 176460
Ion Ratio Lower Upper
74 100
45 83.3 34.4 103.3





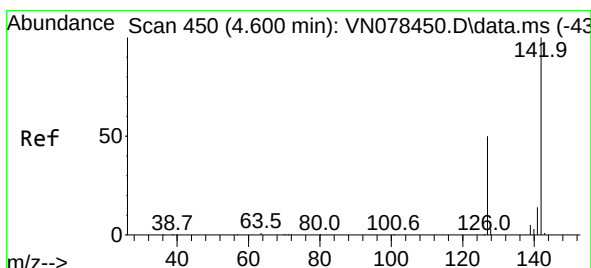
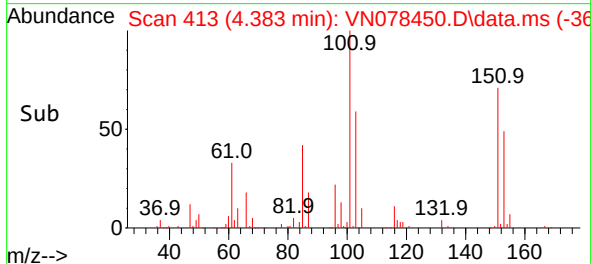
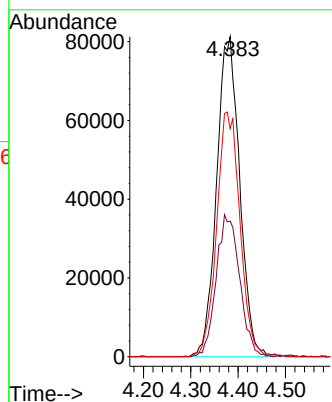
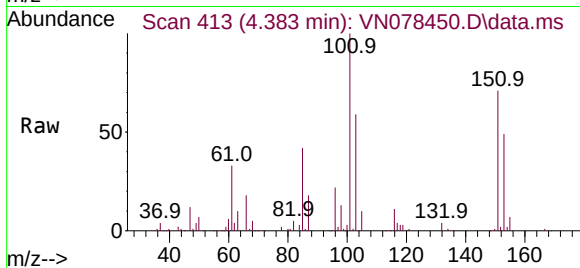
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.256 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 274815
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 77.2 57.6 86.4

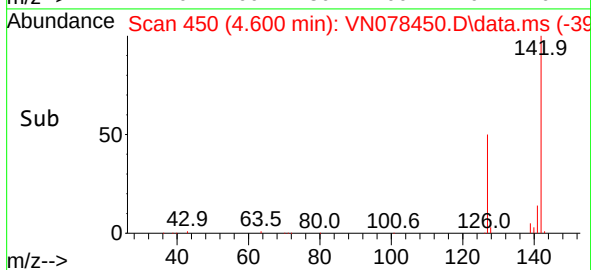
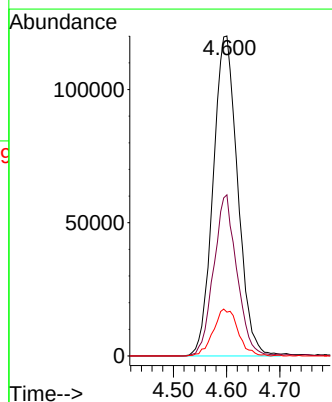
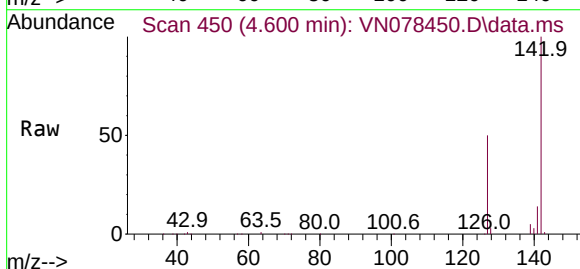
Manual Integrations
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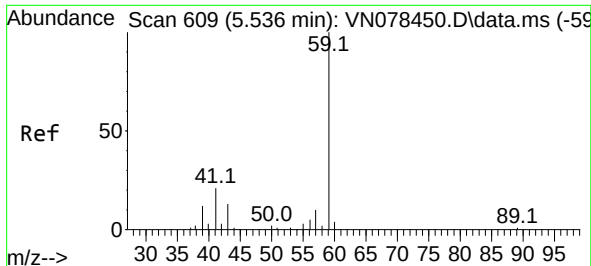
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 50.113 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

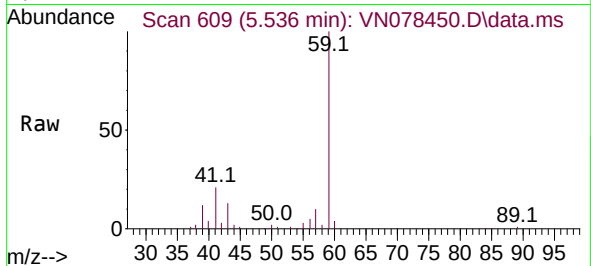
Tgt Ion:142 Resp: 384209
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 247.624 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

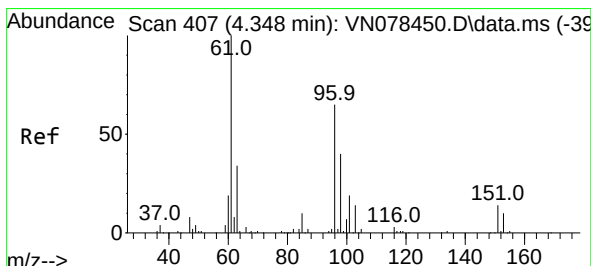
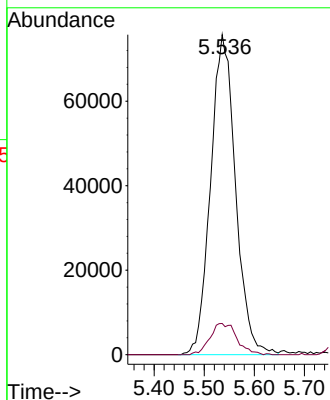
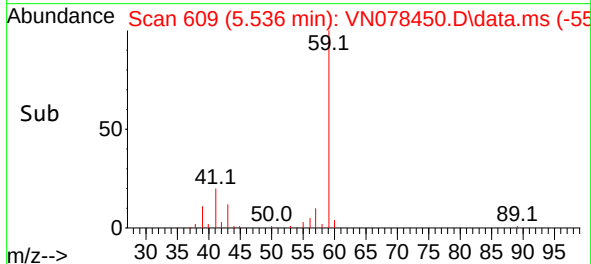
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



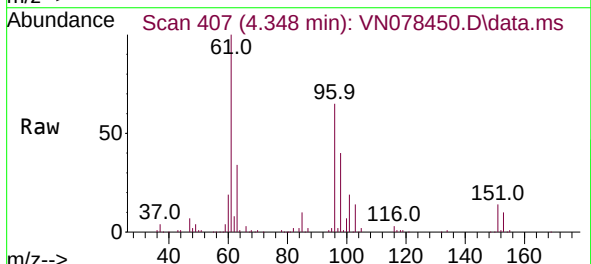
Tgt Ion: 59 Resp: 26182
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

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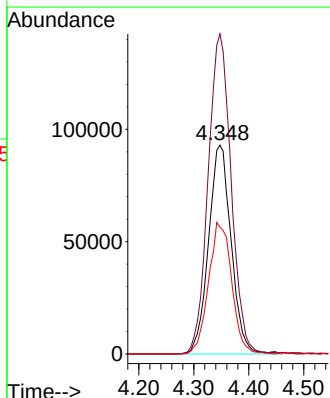
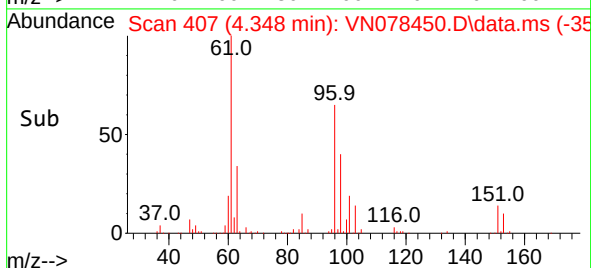
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

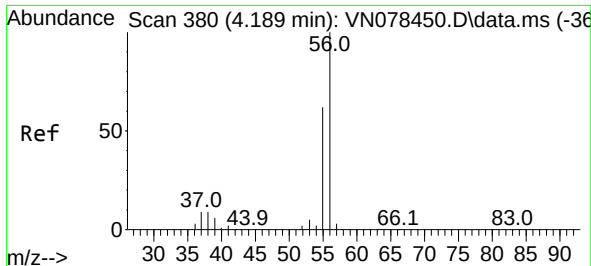


#12
1,1-Dichloroethene
Concen: 49.212 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



Tgt Ion: 96 Resp: 265593
Ion Ratio Lower Upper
96 100
61 153.3 112.7 169.1
98 60.7 51.2 76.8





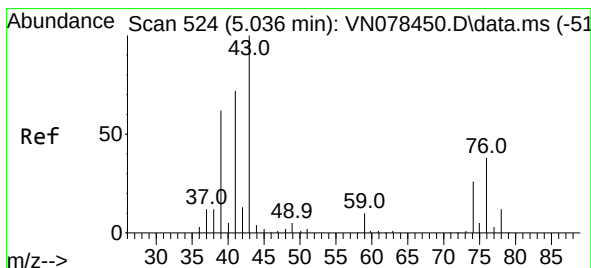
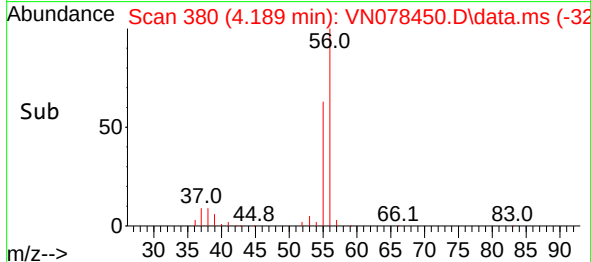
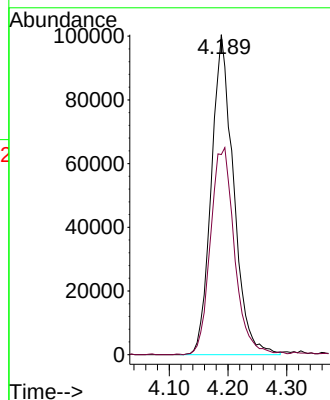
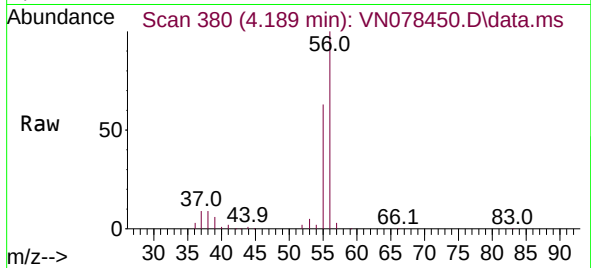
#13
Acrolein
Concen: 253.584 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 26379
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

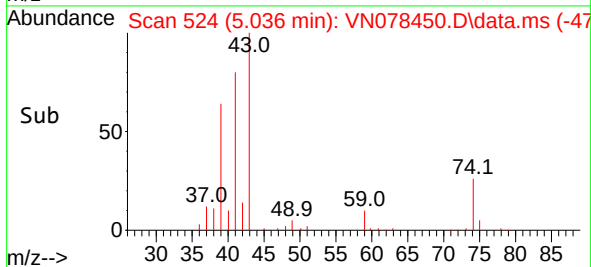
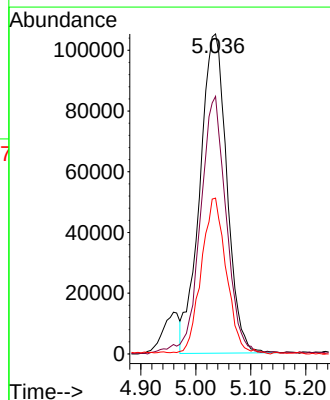
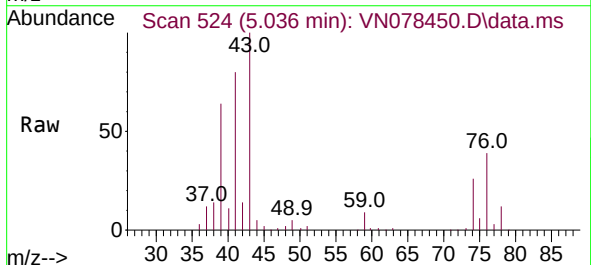
Manual Integrations
APPROVED

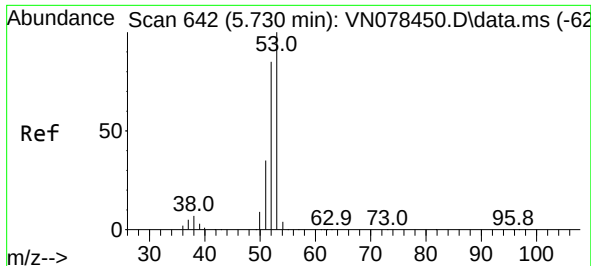
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 48.623 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

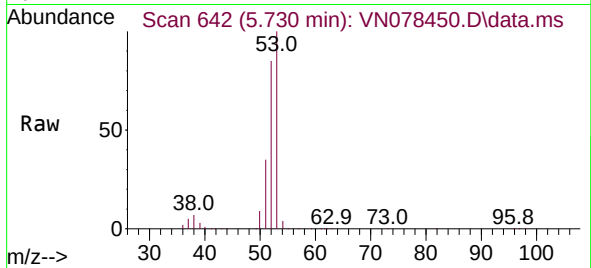
Tgt Ion: 41 Resp: 358576
Ion Ratio Lower Upper
41 100
39 77.5 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 251.883 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

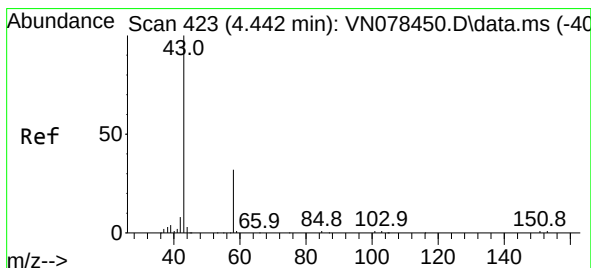
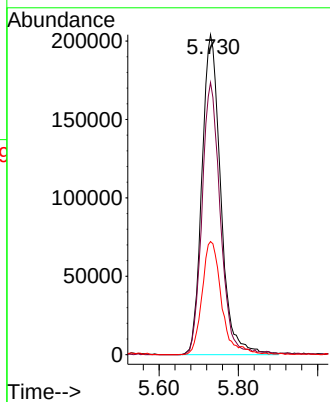
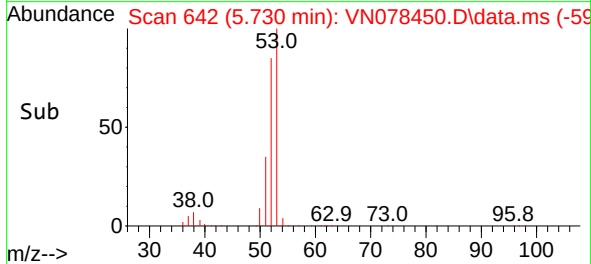
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 672900
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.8 28.9 43.3

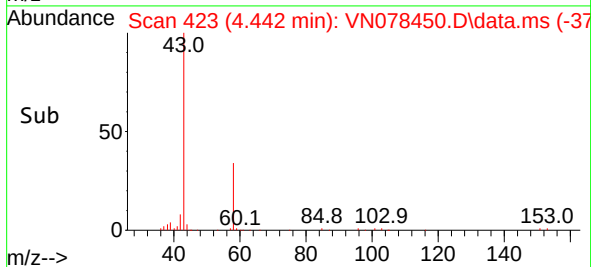
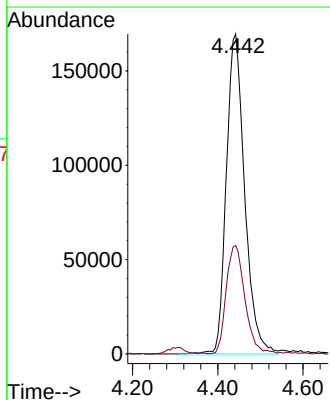
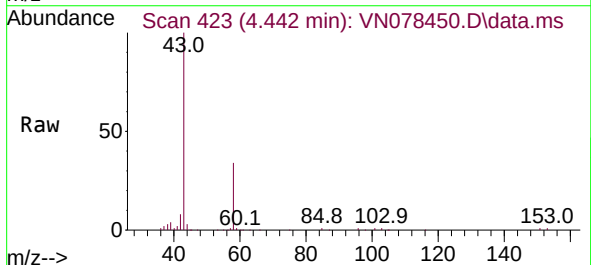
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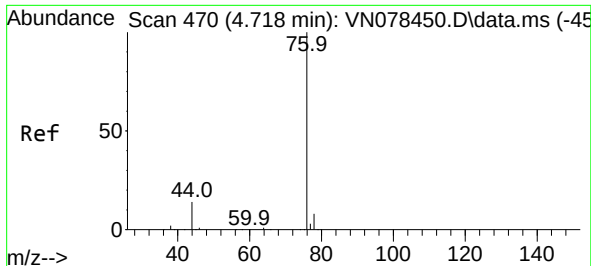
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 237.268 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion: 43 Resp: 506777
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





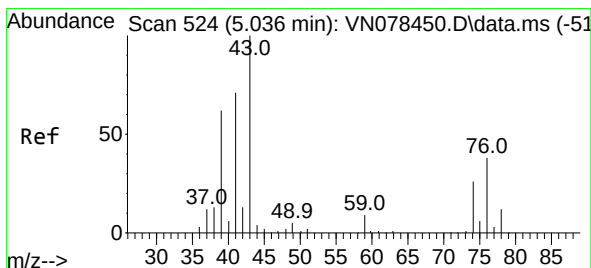
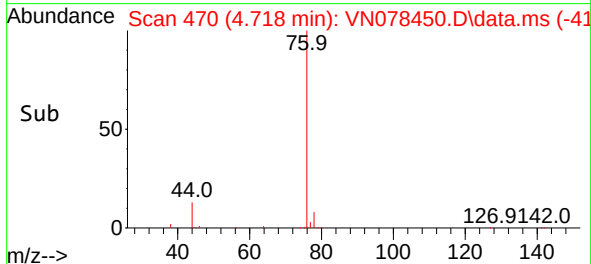
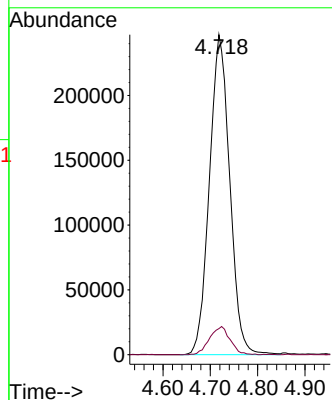
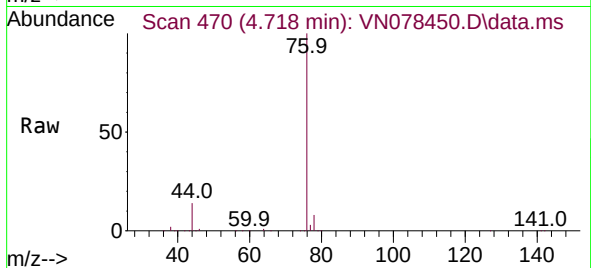
#17
Carbon Disulfide
Concen: 47.204 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 73666
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

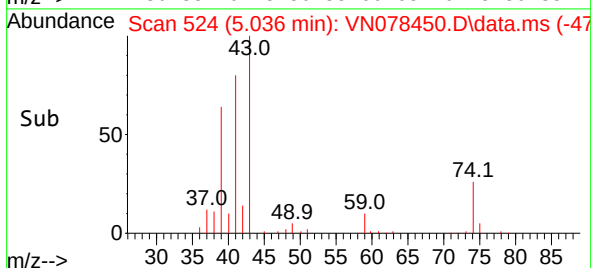
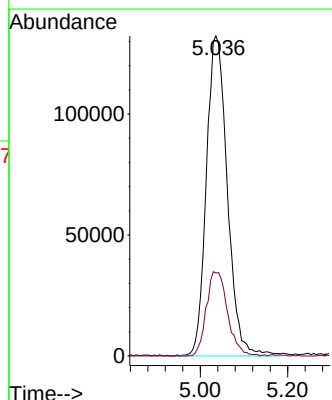
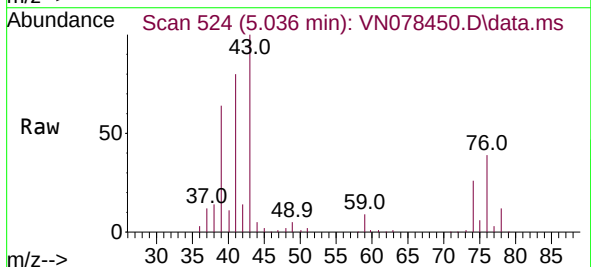
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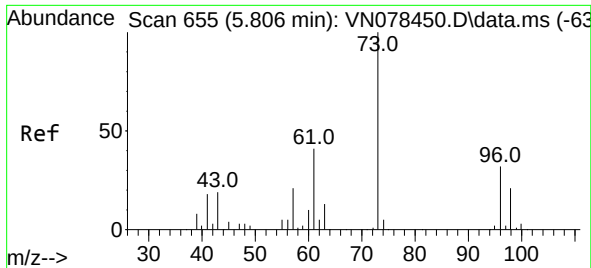
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 48.906 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

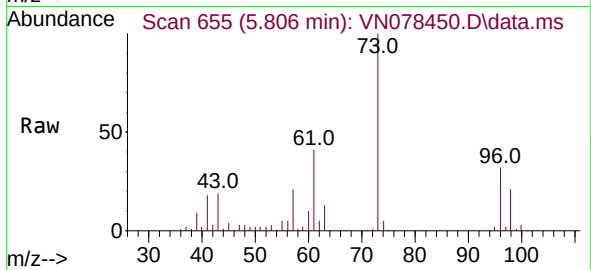
Tgt Ion: 43 Resp: 442186
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.840 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

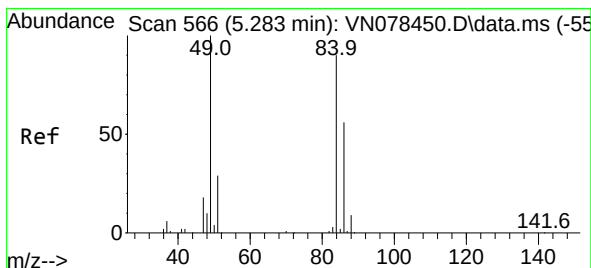
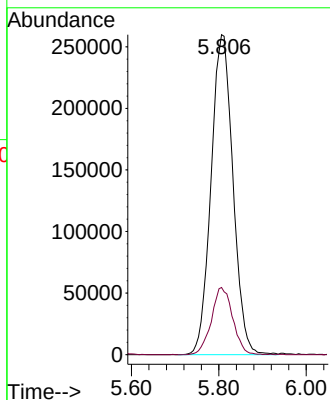
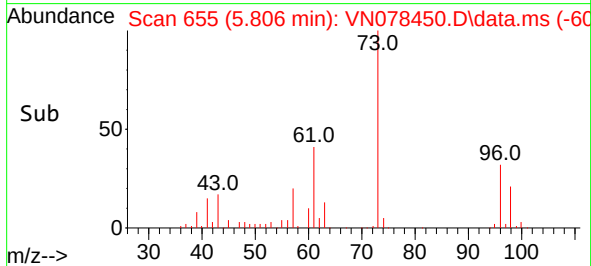
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 904029
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

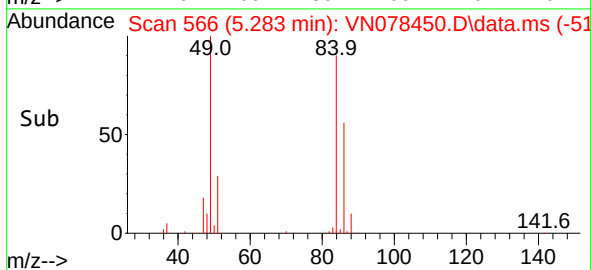
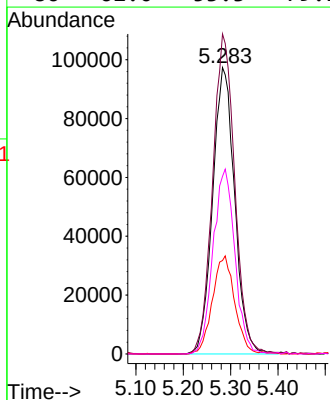
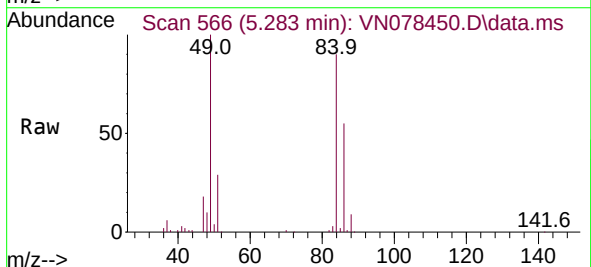
Manual Integrations
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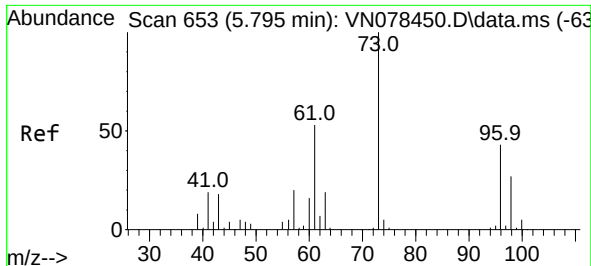
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 50.182 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

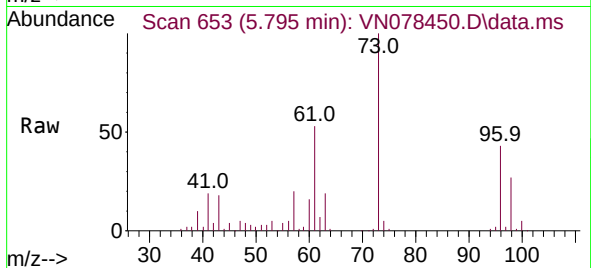
Tgt Ion: 84 Resp: 314383
Ion Ratio Lower Upper
84 100
49 111.7 79.7 119.5
51 32.6 25.2 37.8
86 62.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.821 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

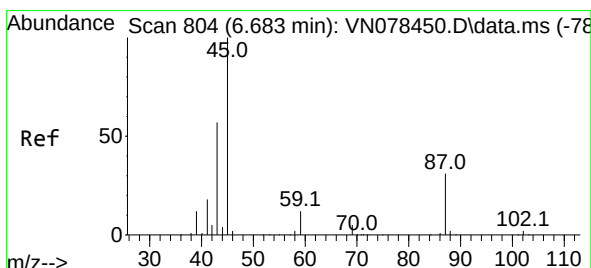
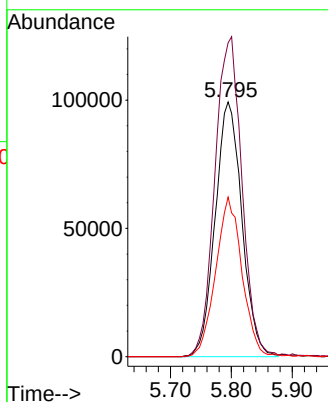
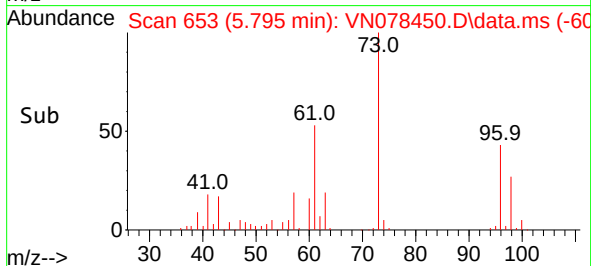
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 302992
Ion Ratio Lower Upper
96 100
61 123.2 90.1 135.1
98 62.7 46.4 69.6

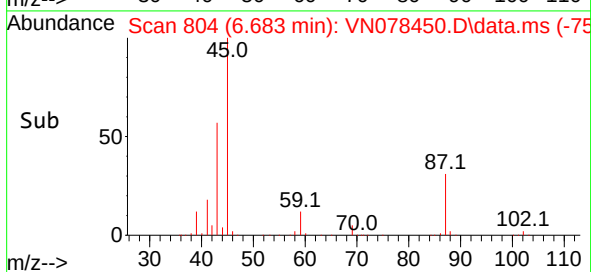
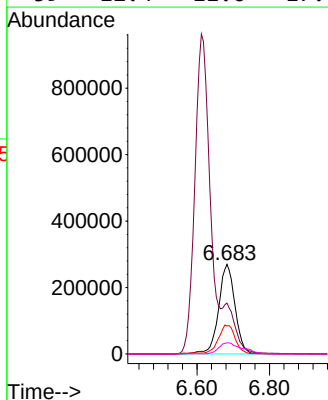
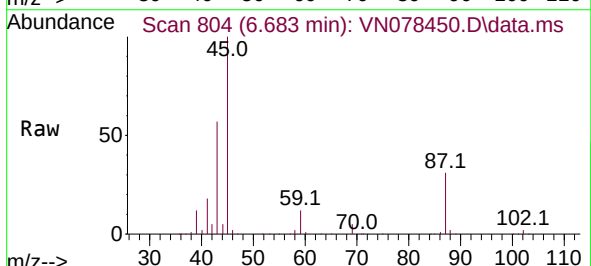
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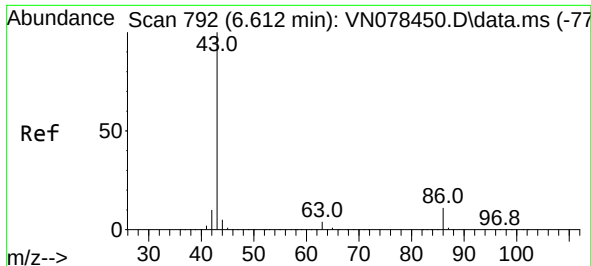
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 51.213 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

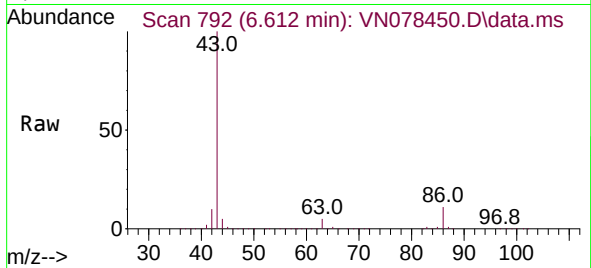
Tgt Ion: 45 Resp: 845665
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 31.3 31.8 47.8#
59 12.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 263.451 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46

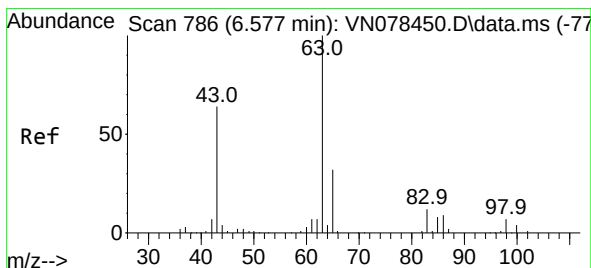
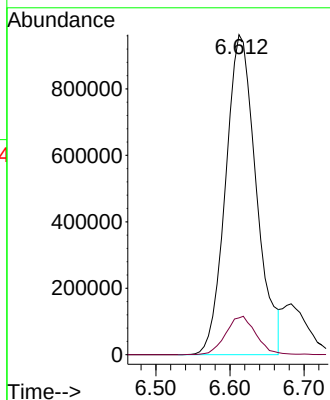
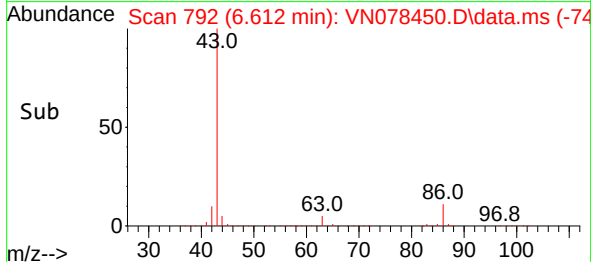
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



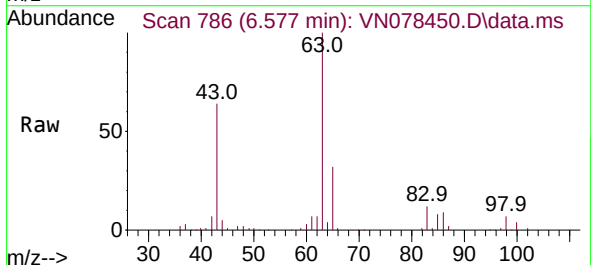
Tgt Ion: 43 Resp: 276563
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

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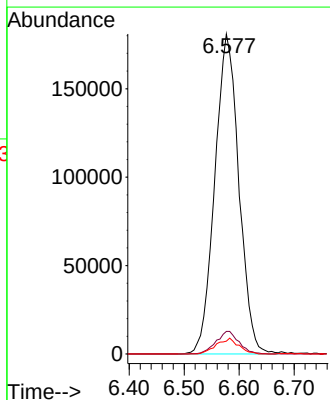
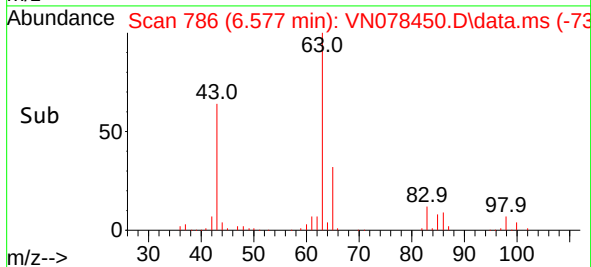
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

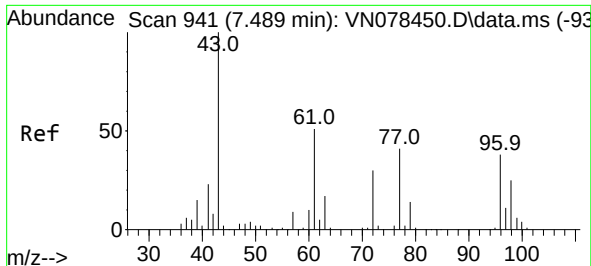


#24
 1,1-Dichloroethane
 Concen: 49.464 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46



Tgt Ion: 63 Resp: 550375
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.0 2.5 7.4





#25

2-Butanone

Concen: 251.324 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 844994

Ion Ratio Lower Upper

43 100

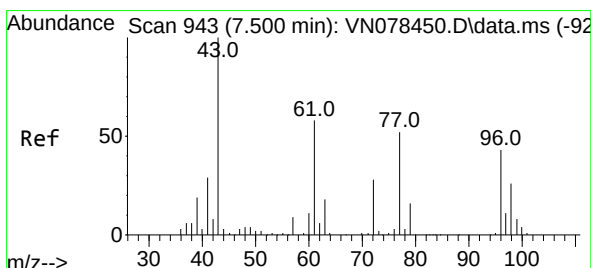
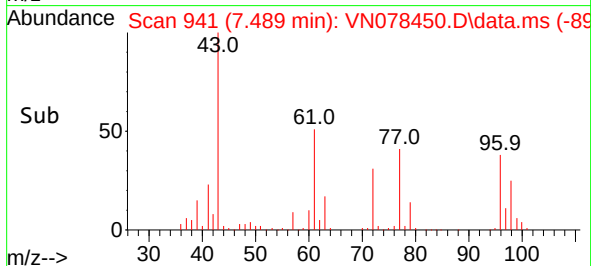
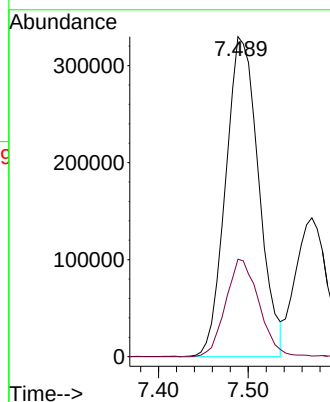
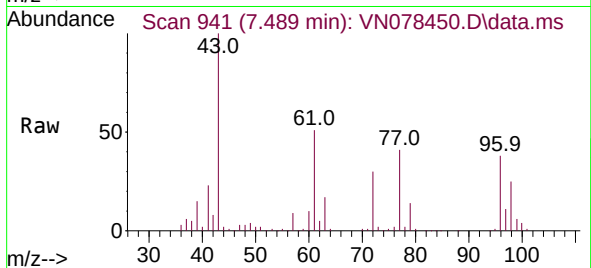
72 30.5 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#26

2,2-Dichloropropane

Concen: 49.755 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078450.D

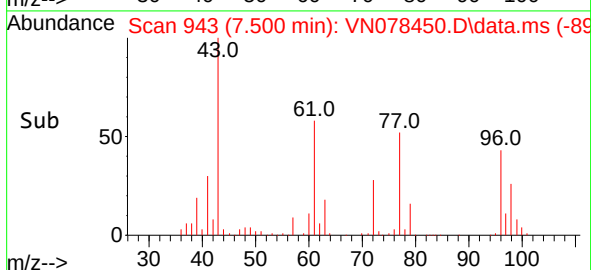
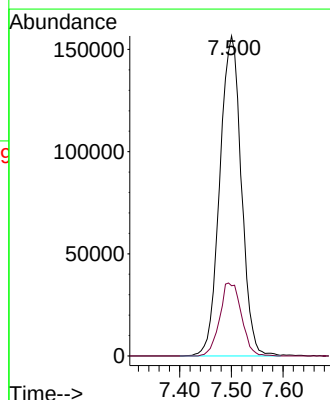
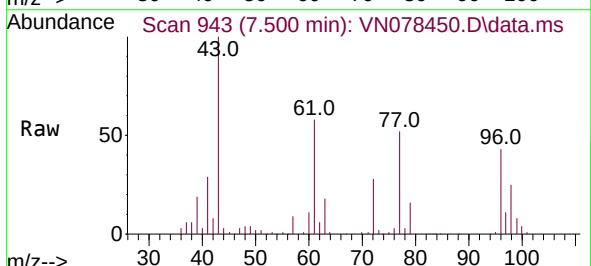
Acq: 10 Jul 2023 12:46

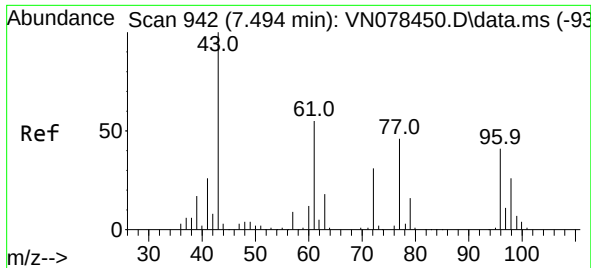
Tgt Ion: 77 Resp: 452793

Ion Ratio Lower Upper

77 100

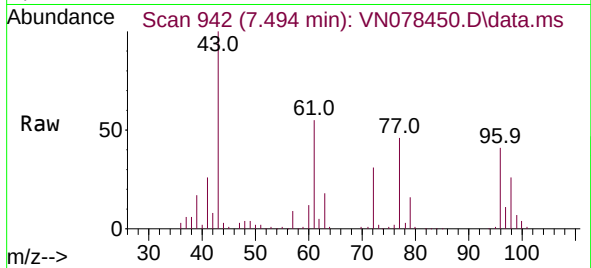
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.005 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46

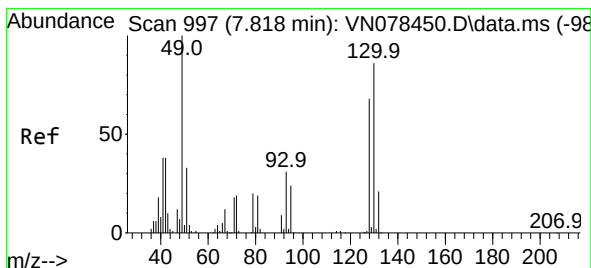
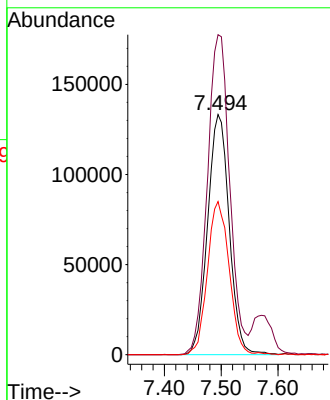
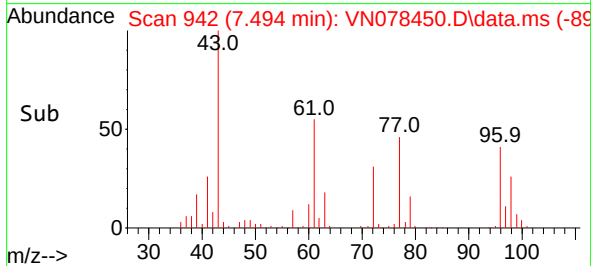
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 351800
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 255.2
 98 63.8 0.0 128.8

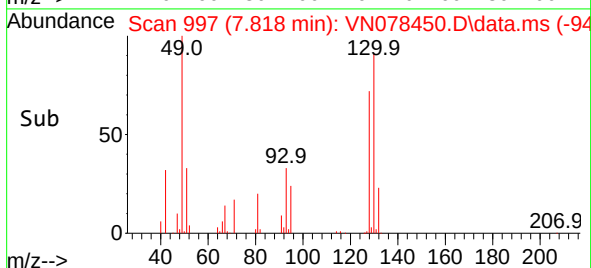
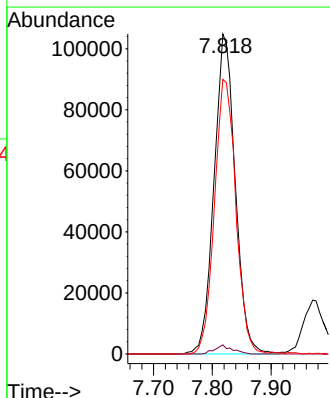
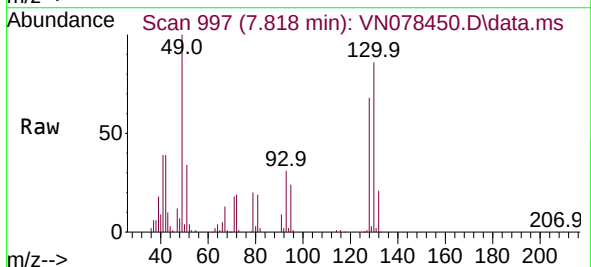
Manual Integrations
 APPROVED

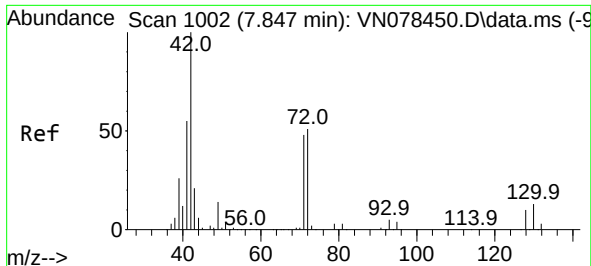
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#28
 Bromochloromethane
 Concen: 50.081 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46

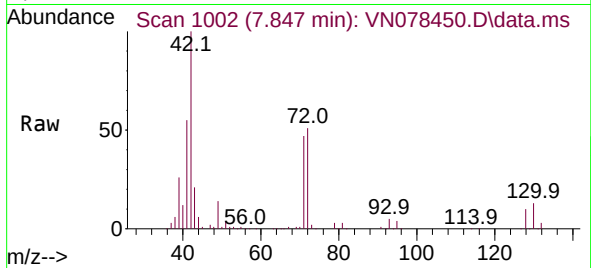
Tgt Ion: 49 Resp: 262465
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 86.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 256.244 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

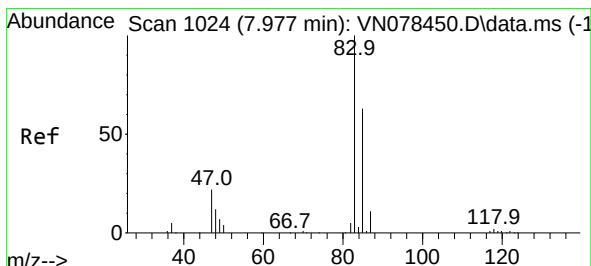
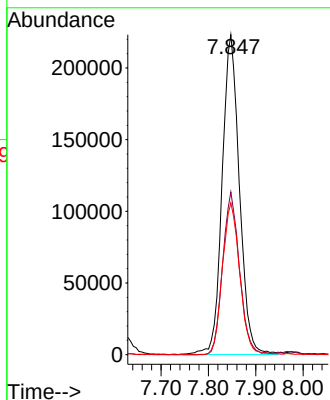
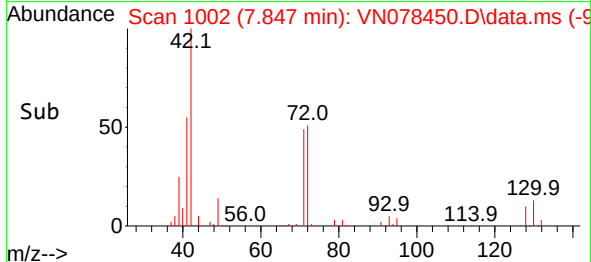
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 565312
Ion Ratio Lower Upper
42 100
72 49.5 49.8 74.6
71 47.5 47.4 71.2

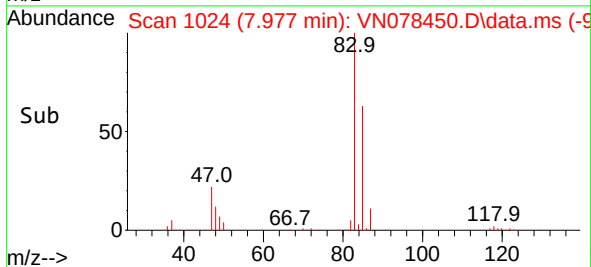
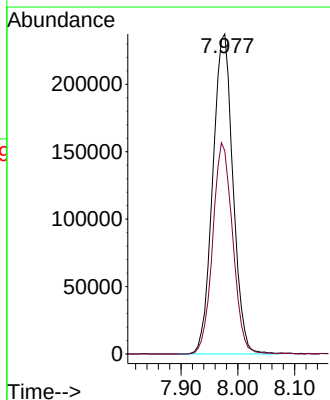
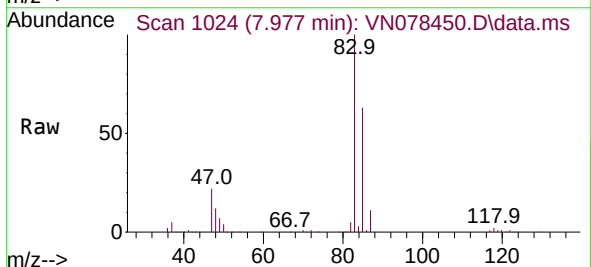
Manual Integrations
APPROVED

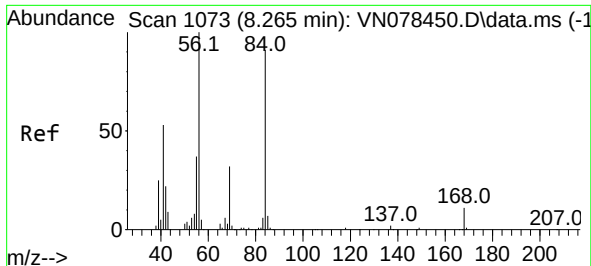
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#30
Chloroform
Concen: 50.585 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

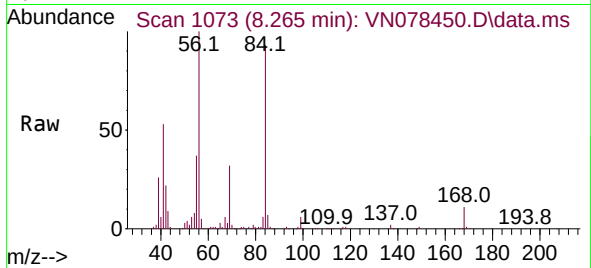
Tgt Ion: 83 Resp: 585983
Ion Ratio Lower Upper
83 100
85 63.5 55.4 83.0





#31
Cyclohexane
Concen: 45.790 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

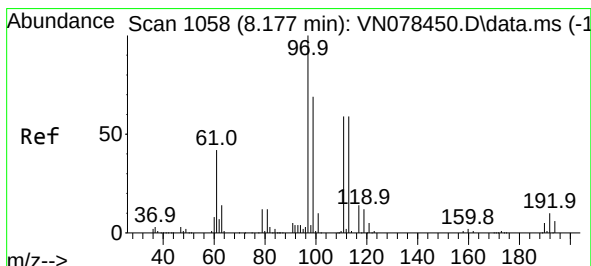
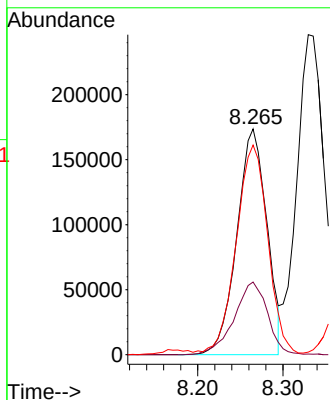
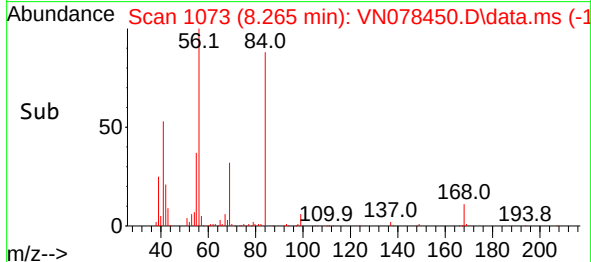
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



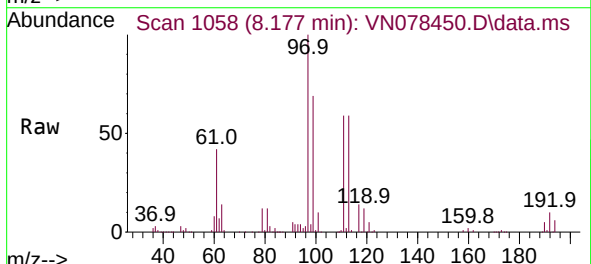
Tgt Ion: 56 Resp: 42431
Ion Ratio Lower Upper
56 100
69 32.2 26.8 40.2
84 90.6 81.8 122.6

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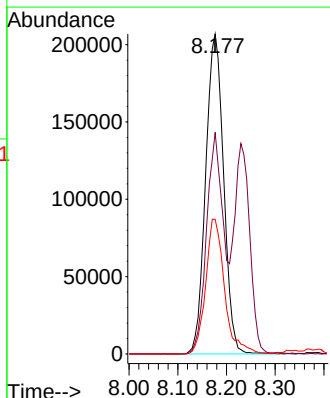
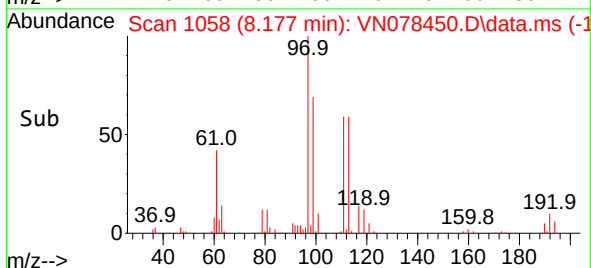
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

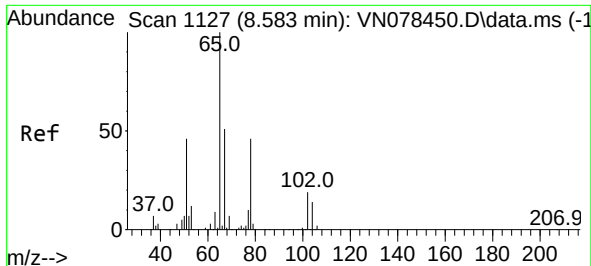


#32
1,1,1-Trichloroethane
Concen: 50.853 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



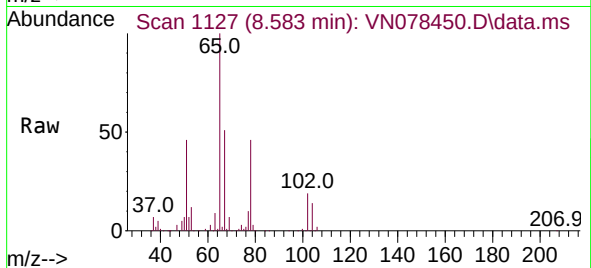
Tgt Ion: 97 Resp: 528160
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 44.3 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 49.392 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

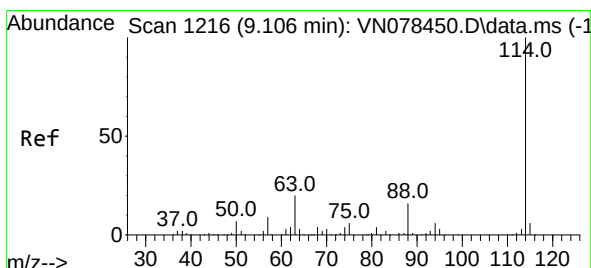
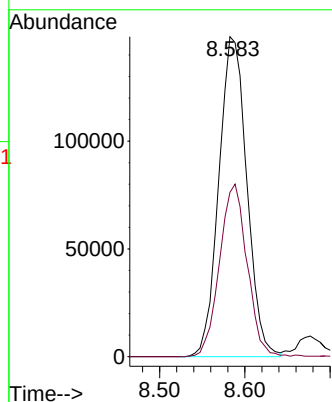
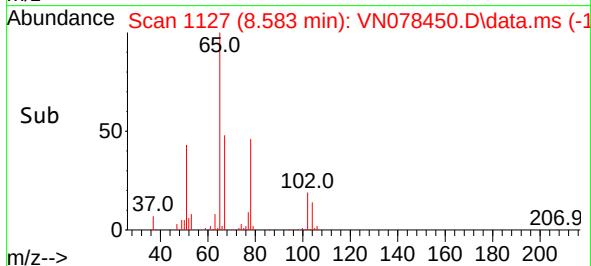
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



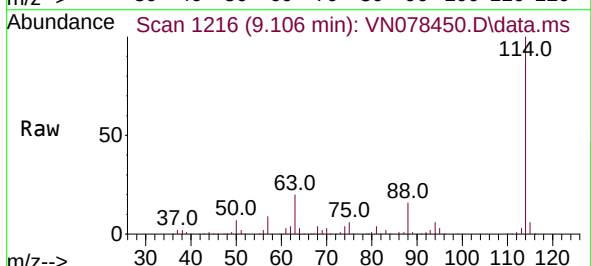
Tgt Ion: 65 Resp: 338670
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

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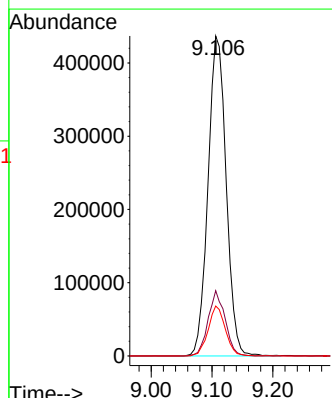
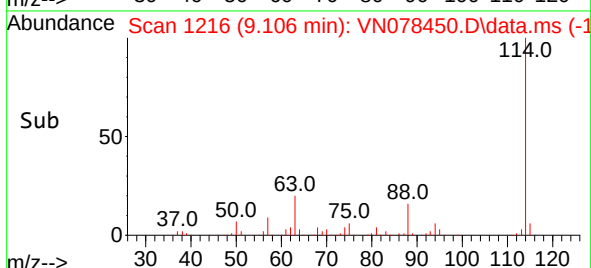
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

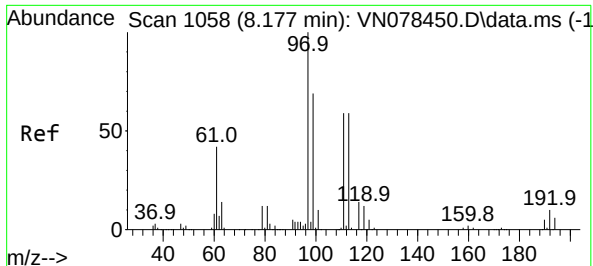


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



Tgt Ion:114 Resp: 903394
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.706 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 29869

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

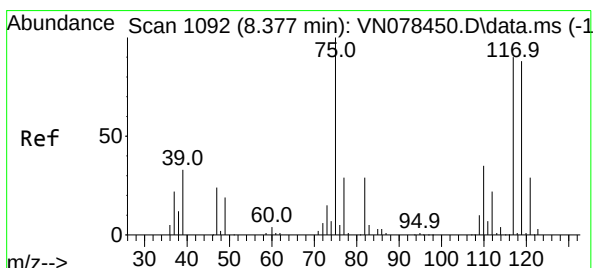
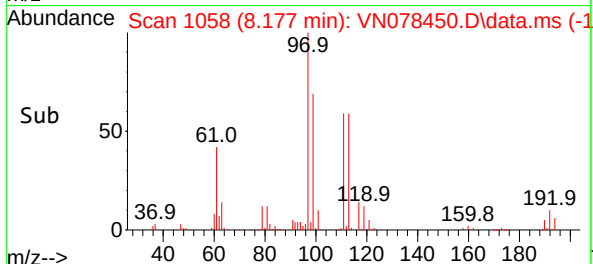
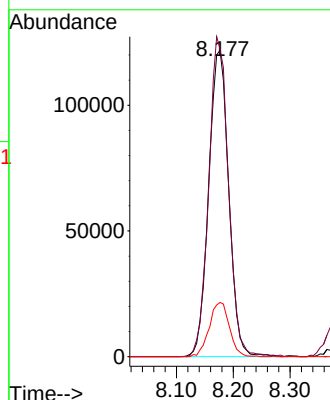
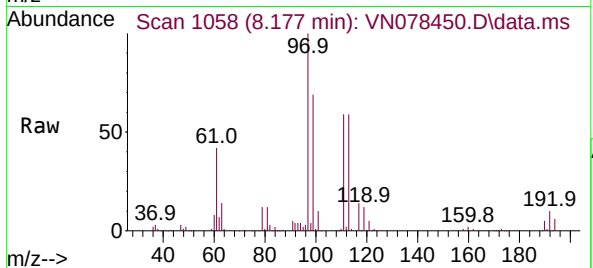
192 17.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#36

1,1-Dichloropropene

Concen: 48.640 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

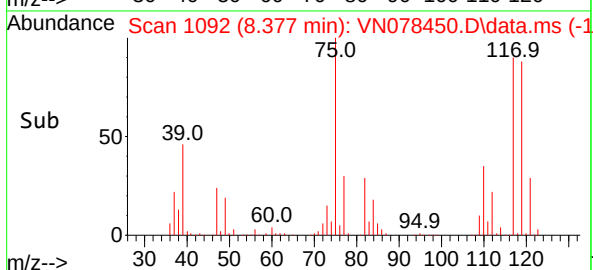
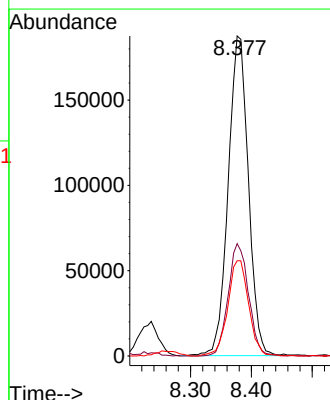
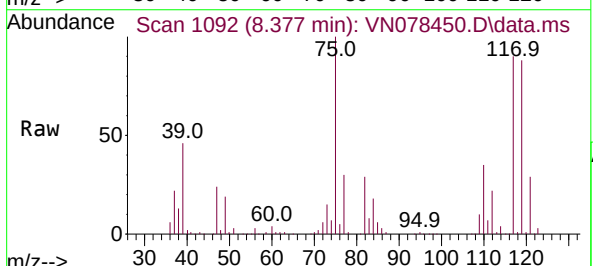
Tgt Ion: 75 Resp: 430695

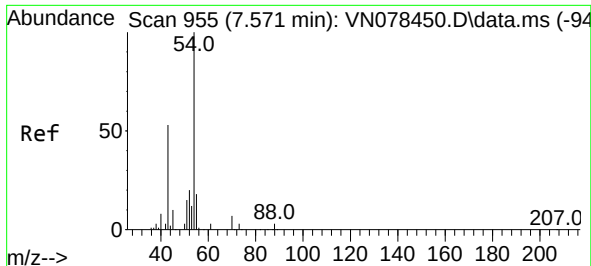
Ion Ratio Lower Upper

75 100

110 35.5 19.1 57.3

77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 50.053 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 36946

Ion Ratio Lower Upper

43 100

61 14.0 13.2 19.8

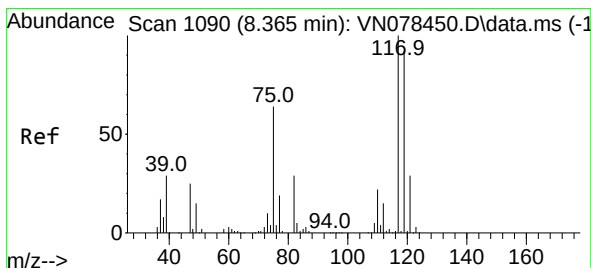
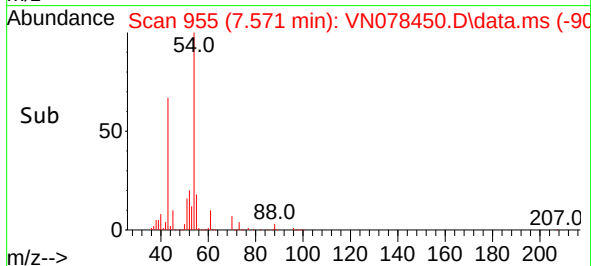
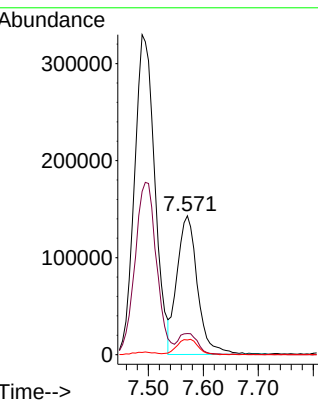
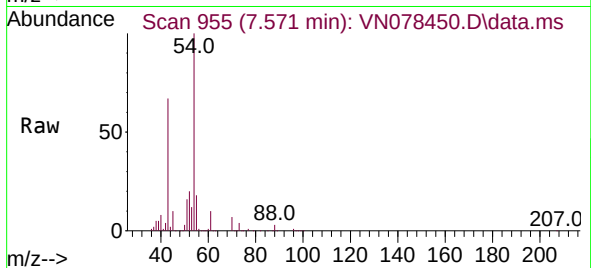
70 11.2 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#38

Carbon Tetrachloride

Concen: 49.353 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

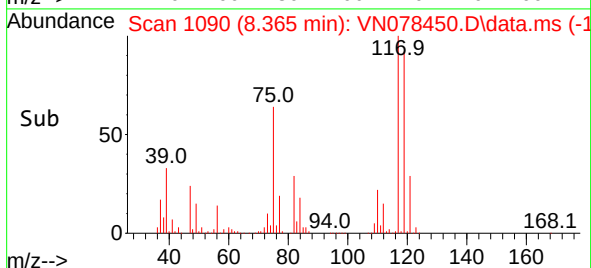
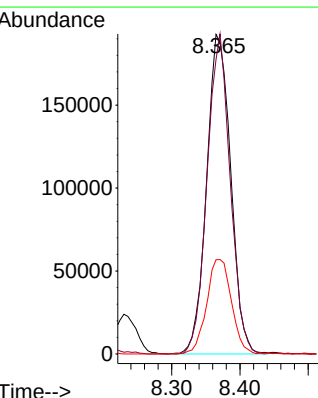
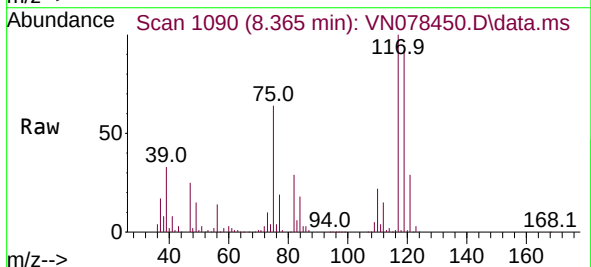
Tgt Ion:117 Resp: 474963

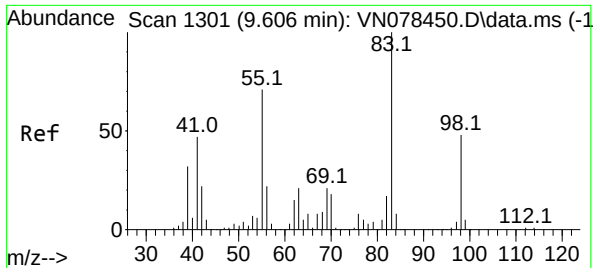
Ion Ratio Lower Upper

117 100

119 92.2 77.3 115.9

121 29.5 23.3 34.9





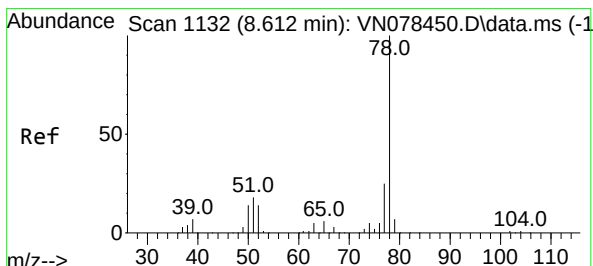
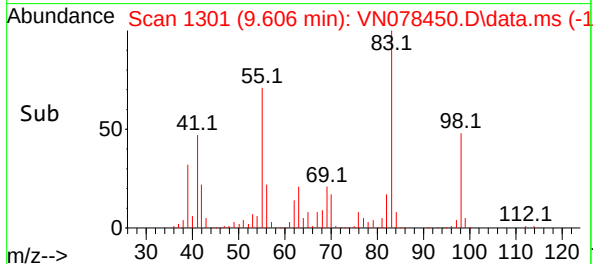
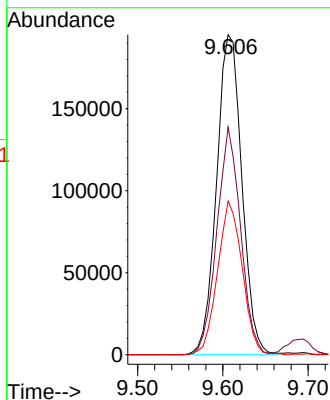
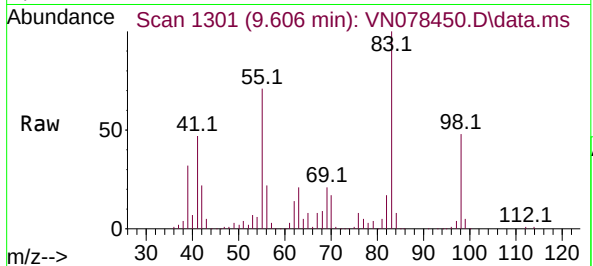
#39
Methylcyclohexane
Concen: 49.825 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 402711
Ion Ratio Lower Upper
83 100
55 71.0 49.1 73.7
98 48.0 40.6 61.0

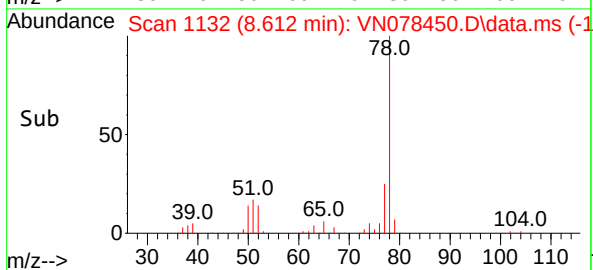
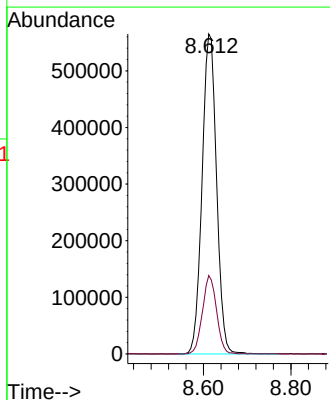
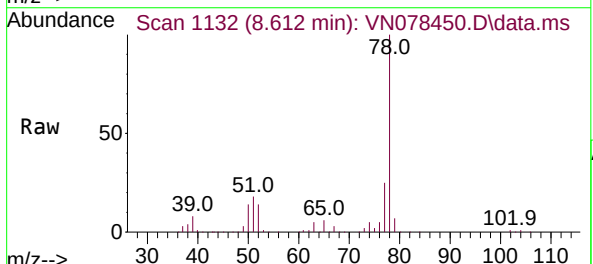
Manual Integrations
APPROVED

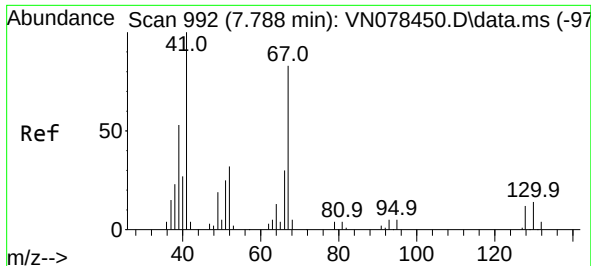
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40
Benzene
Concen: 49.690 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

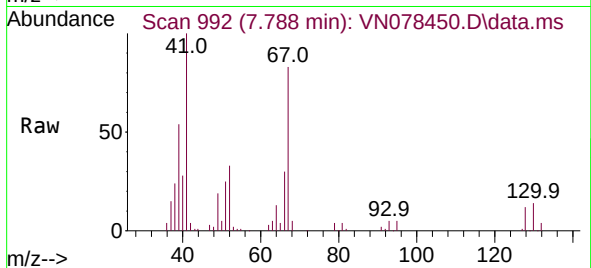
Tgt Ion: 78 Resp: 1303523
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 49.156 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

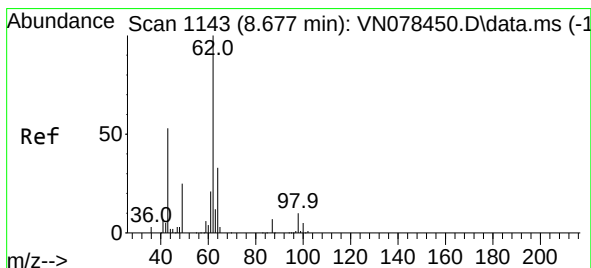
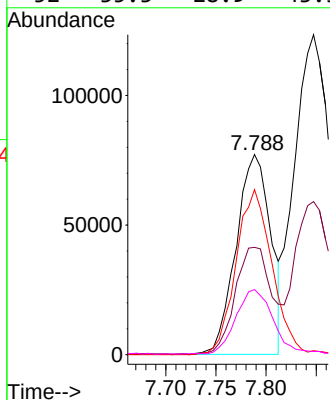
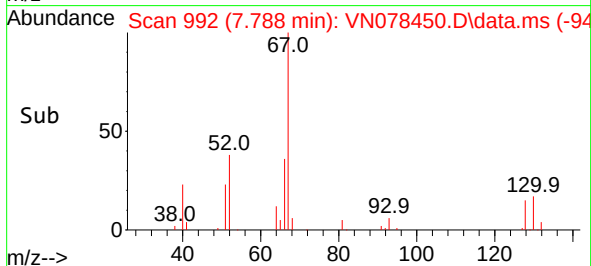
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 184972
Ion Ratio Lower Upper
41 100
39 59.1 42.6 64.0
67 86.7 77.5 116.3
52 35.3 28.9 43.3

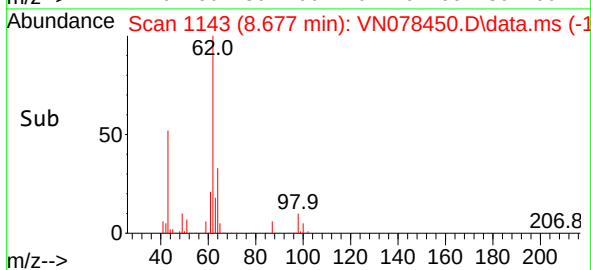
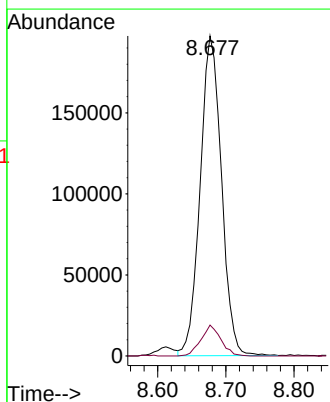
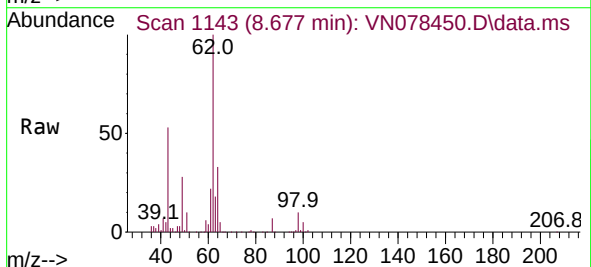
Manual Integrations
APPROVED

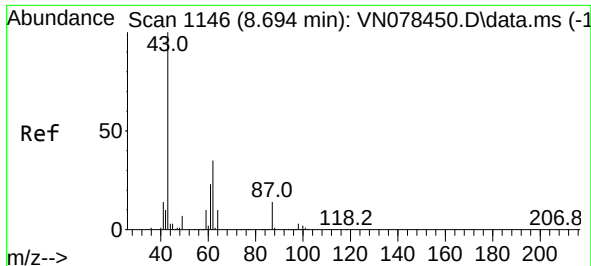
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 48.044 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

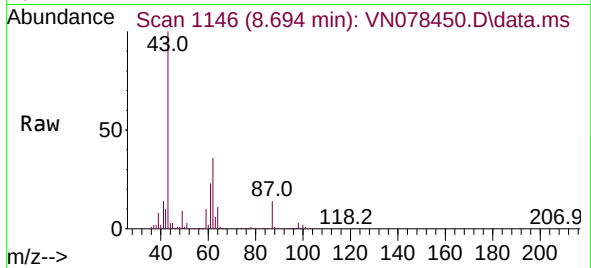
Tgt Ion: 62 Resp: 428689
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.167 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

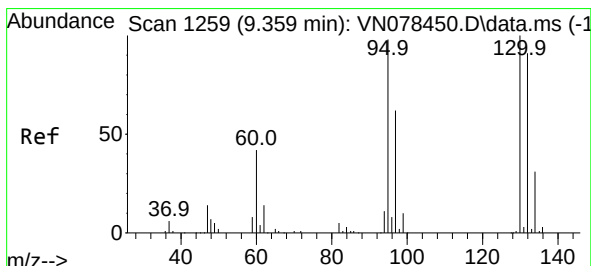
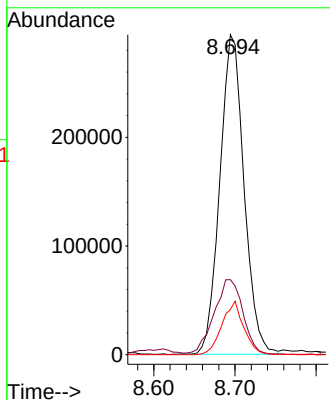
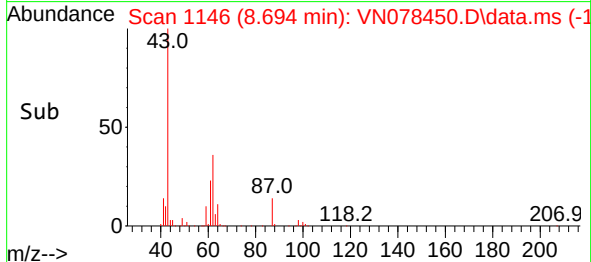
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 60966
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 15.1 14.6 21.8

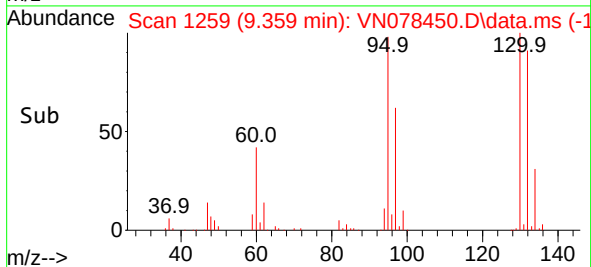
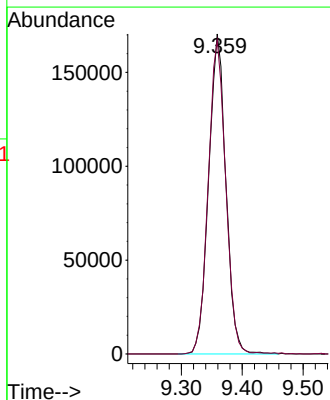
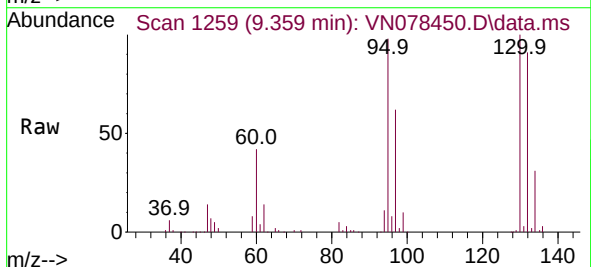
Manual Integrations
APPROVED

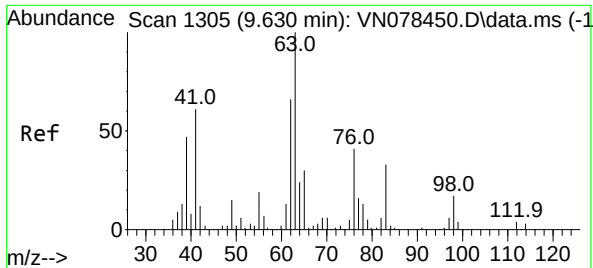
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 47.401 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion:130 Resp: 335140
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6





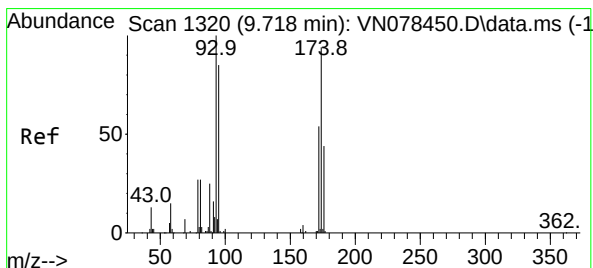
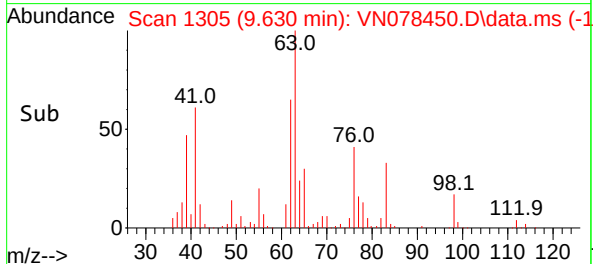
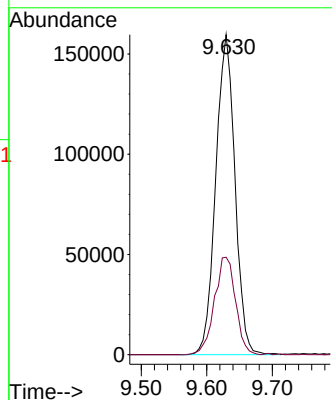
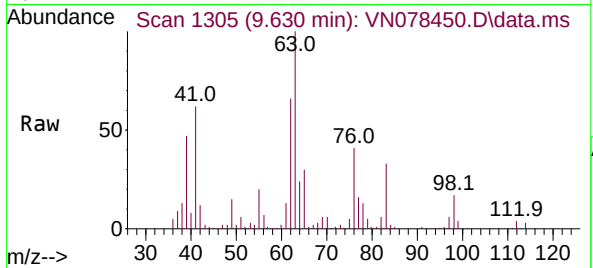
#45
1,2-Dichloropropane
Concen: 48.734 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 32379
Ion Ratio Lower Upper
63 100
65 30.5 23.9 35.9

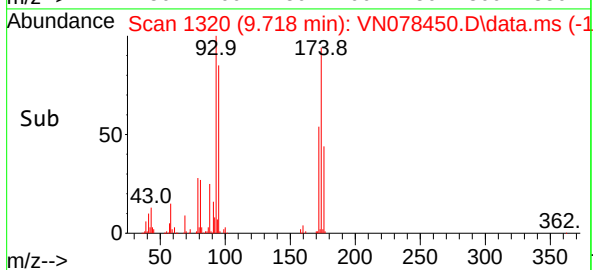
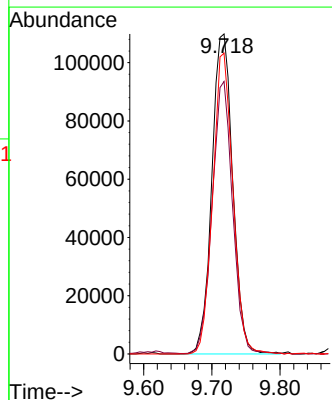
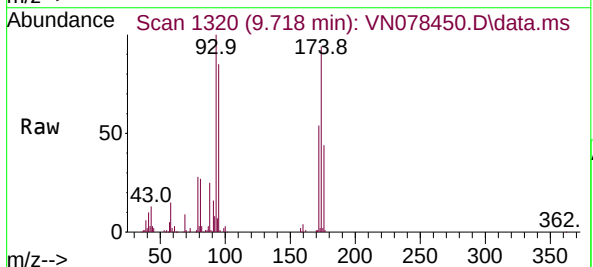
Manual Integrations
APPROVED

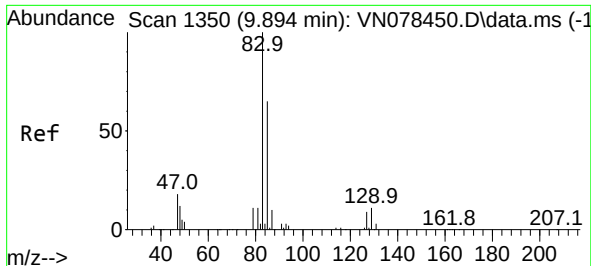
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#46
Dibromomethane
Concen: 50.145 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

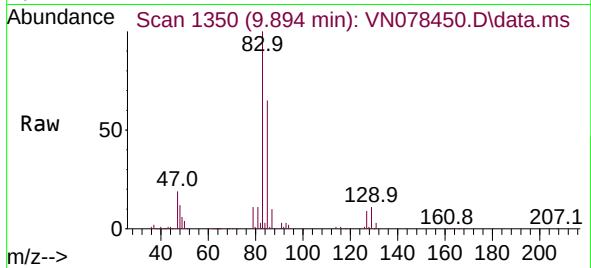
Tgt Ion: 93 Resp: 234496
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 90.7 65.6 98.4





#47
Bromodichloromethane
Concen: 49.891 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

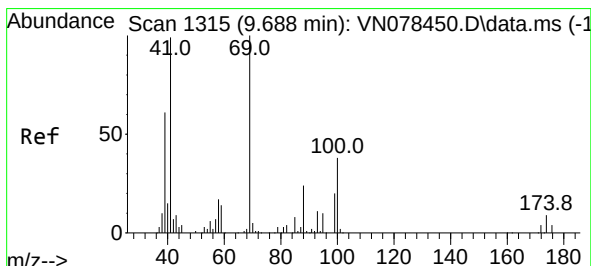
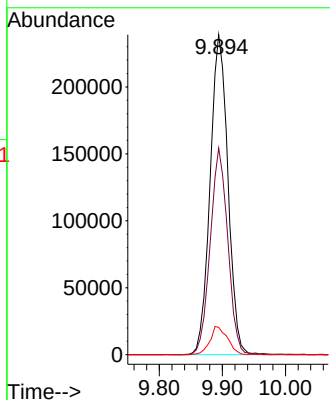
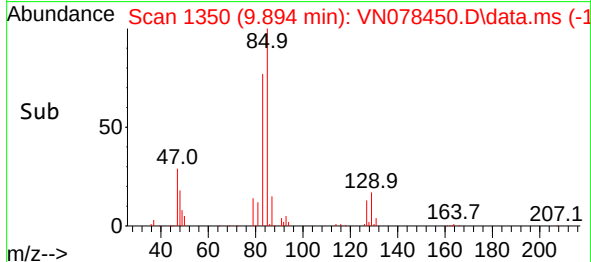
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 46767
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 8.5 7.0 10.6

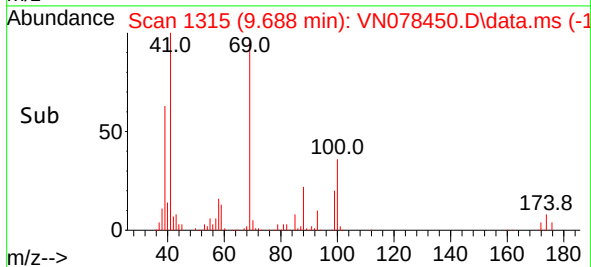
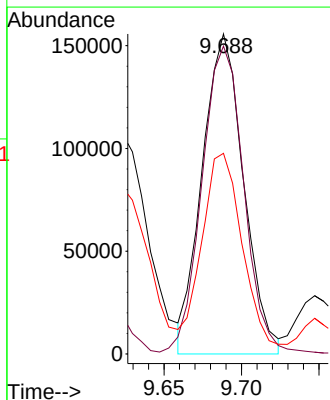
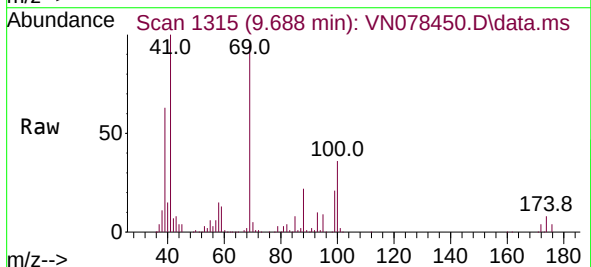
Manual Integrations
APPROVED

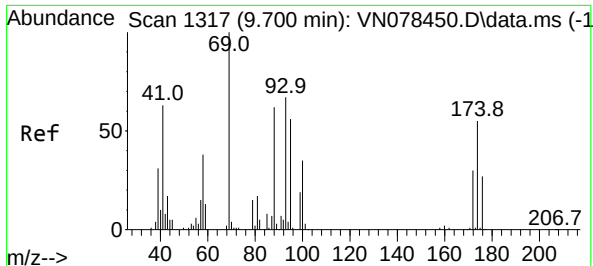
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Methyl methacrylate
Concen: 51.390 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion: 41 Resp: 289338
Ion Ratio Lower Upper
41 100
69 96.9 90.4 135.6
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 993.233 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078450.D

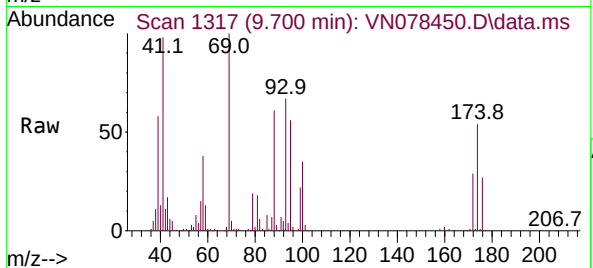
Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



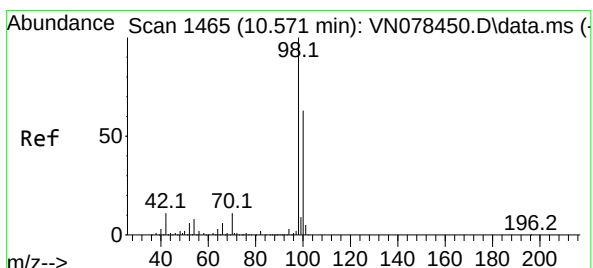
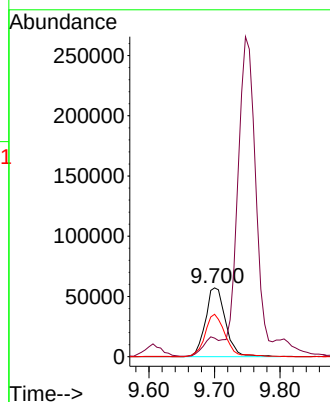
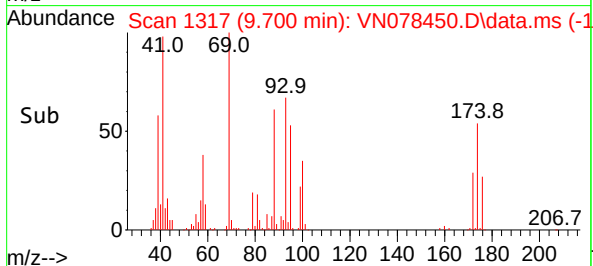
Tgt Ion:	88	Resp:	121954
Ion Ratio	Lower	Upper	
88	100		
43	21.0	17.0	25.6
58	62.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 48.788 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078450.D

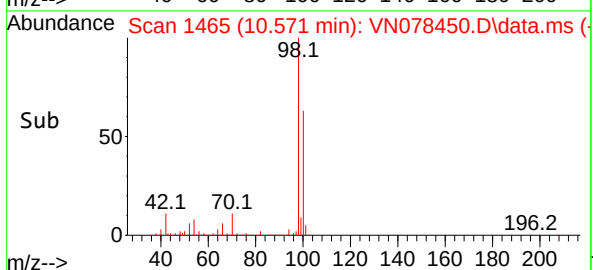
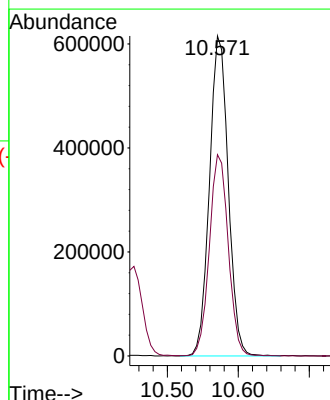
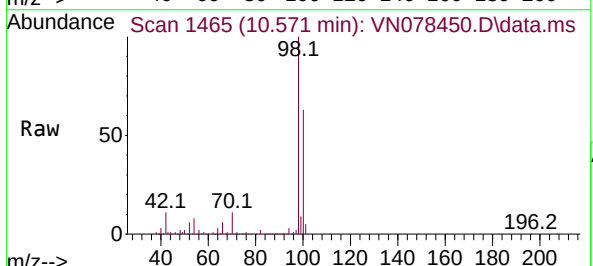
Acq: 10 Jul 2023 12:46

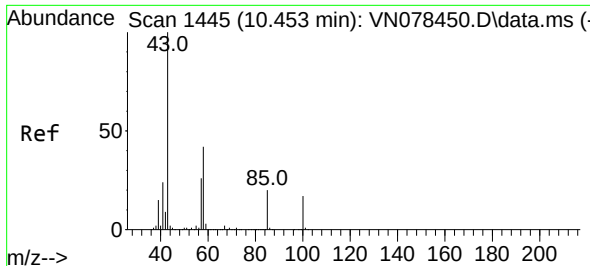
Tgt Ion: 98 Resp: 1130269

Ion Ratio Lower Upper

98 100

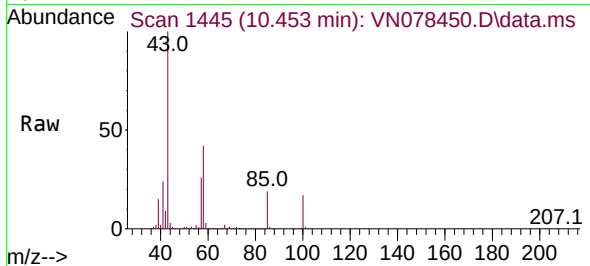
100 63.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 256.271 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

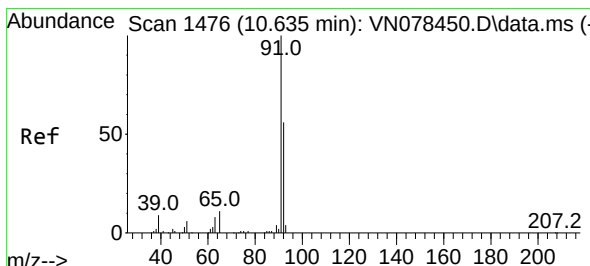
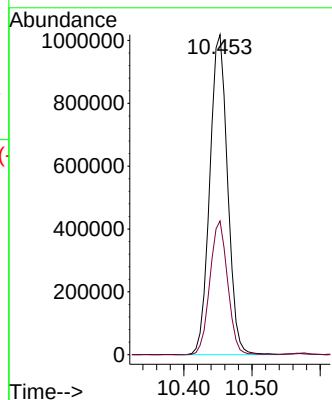
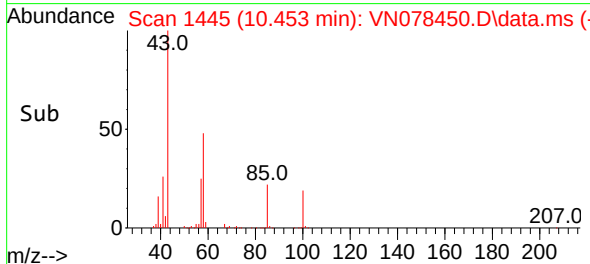
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



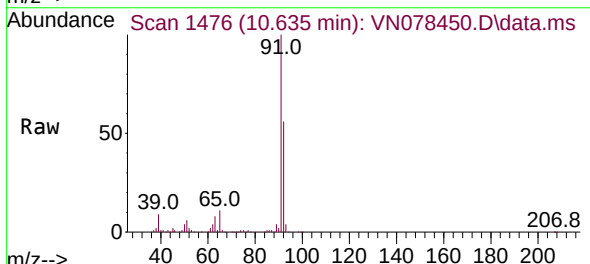
Tgt Ion: 43 Resp: 1852478
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

Manual Integrations
APPROVED

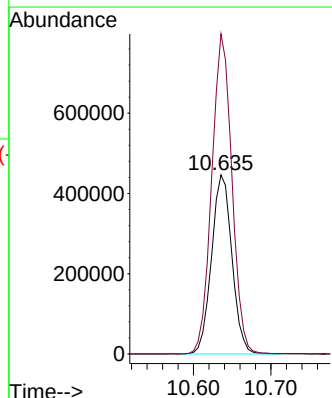
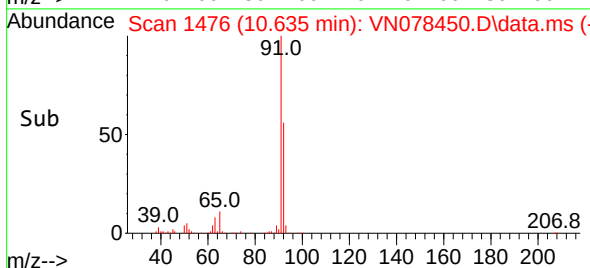
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

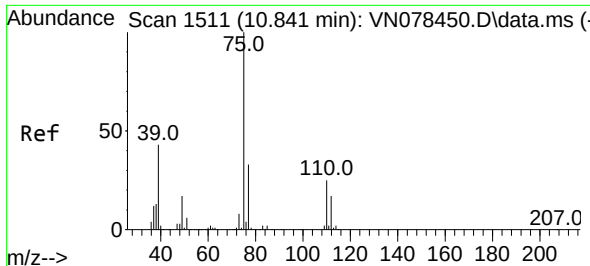


#52
Toluene
Concen: 50.115 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



Tgt Ion: 92 Resp: 814804
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





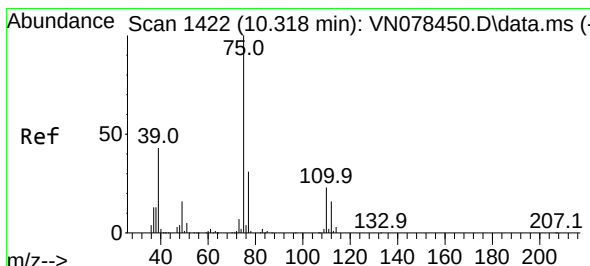
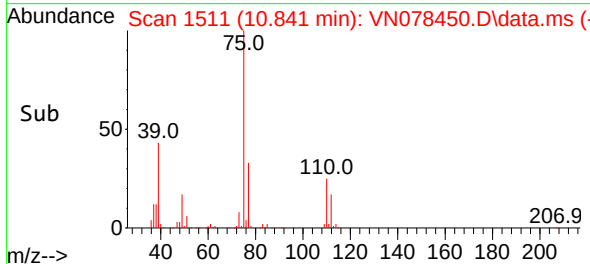
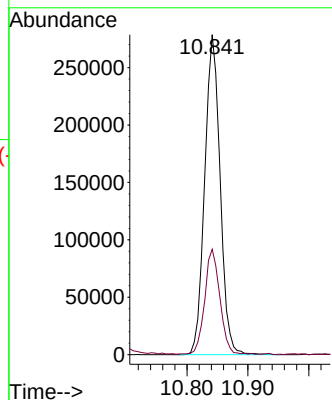
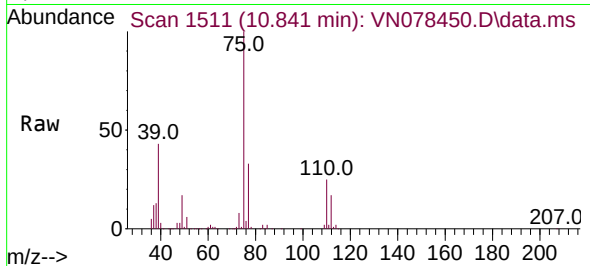
#53
t-1,3-Dichloropropene
Concen: 51.060 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 49035
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

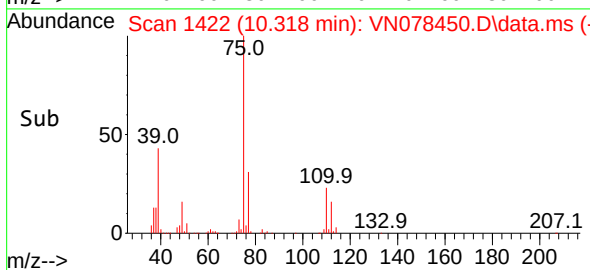
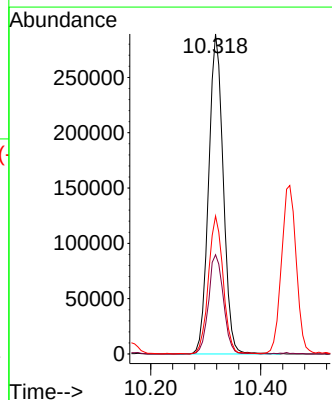
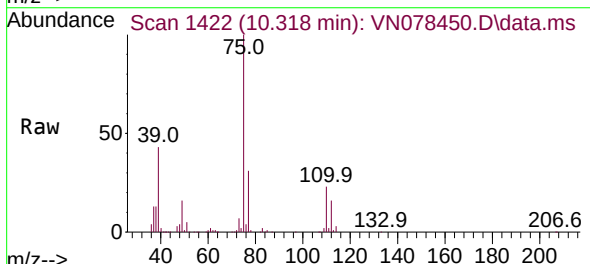
Manual Integrations
APPROVED

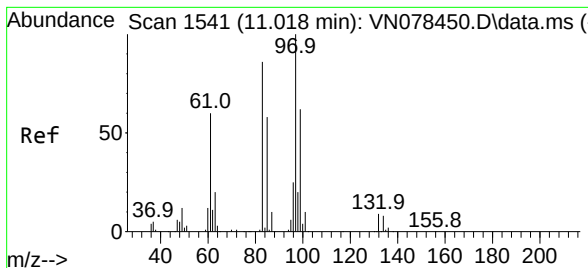
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 52.134 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion: 75 Resp: 533674
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 43.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 49.454 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 316794

Ion Ratio Lower Upper

97 100

83 86.2 65.1 97.7

85 57.7 43.4 65.2

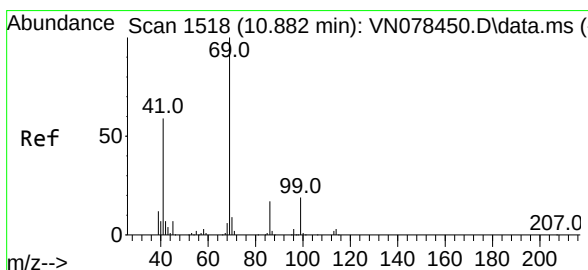
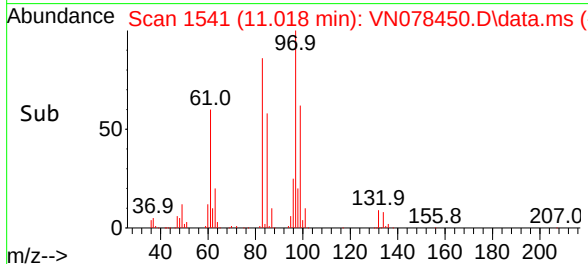
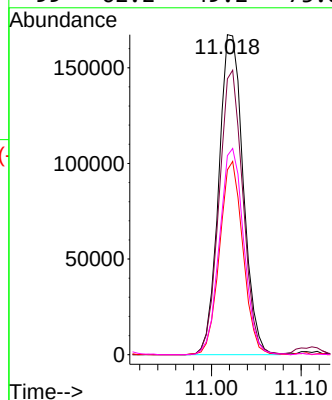
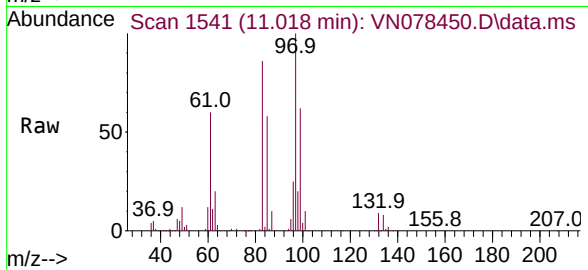
99 62.2 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#56

Ethyl methacrylate

Concen: 53.191 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

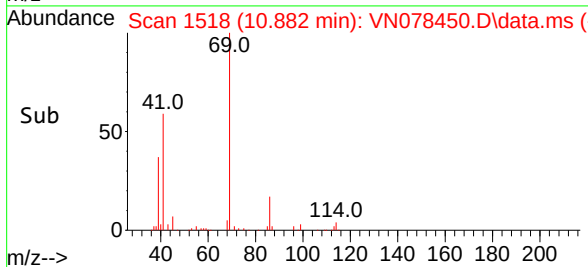
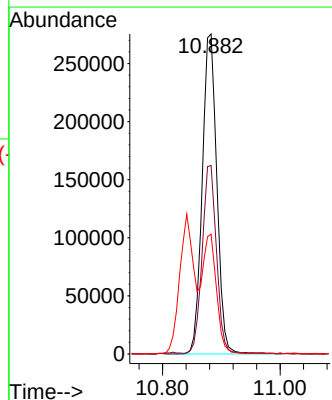
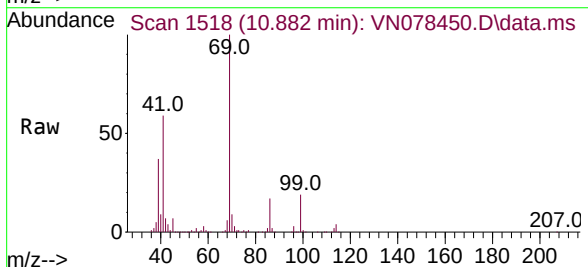
Tgt Ion: 69 Resp: 476305

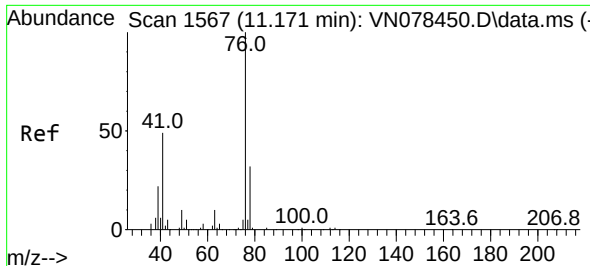
Ion Ratio Lower Upper

69 100

41 57.4 39.6 59.4

39 36.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.853 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 542990

Ion Ratio Lower Upper

76 100

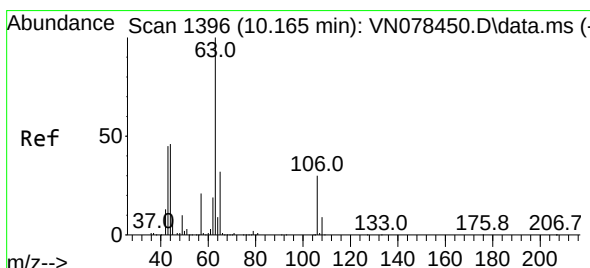
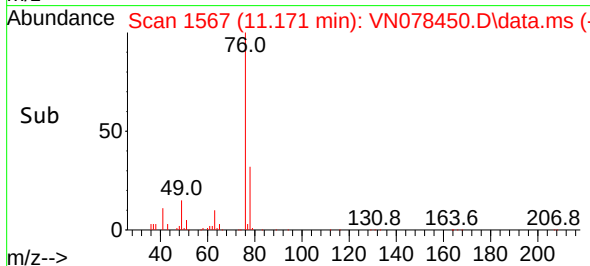
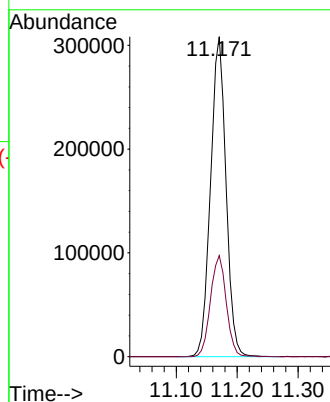
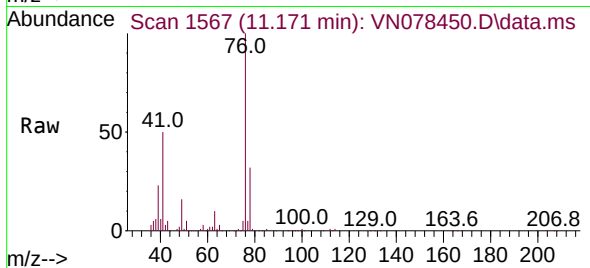
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.951 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078450.D

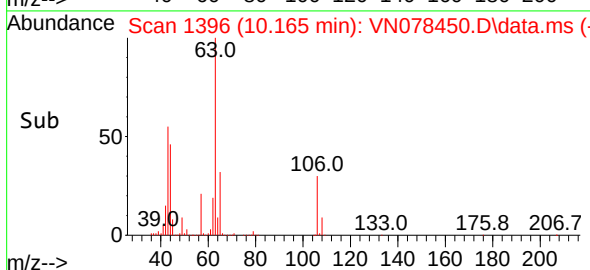
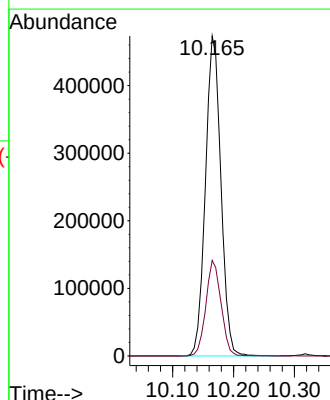
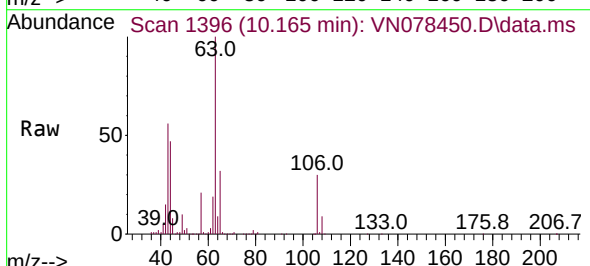
Acq: 10 Jul 2023 12:46

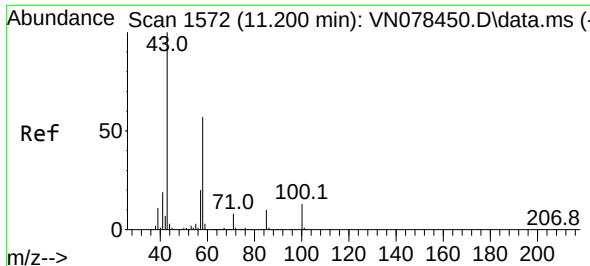
Tgt Ion: 63 Resp: 835934

Ion Ratio Lower Upper

63 100

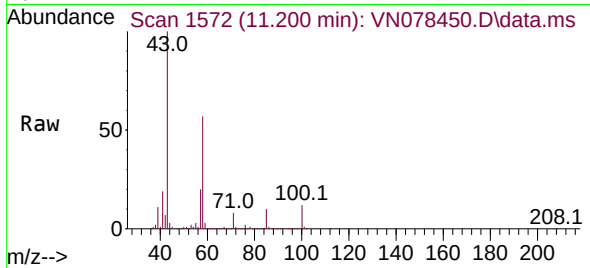
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 261.771 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

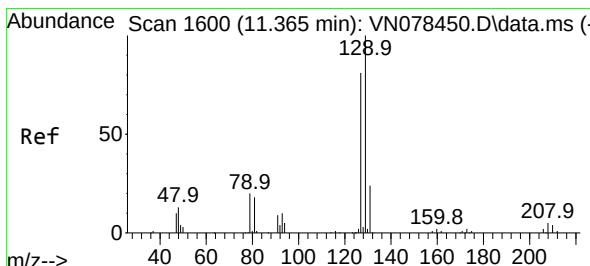
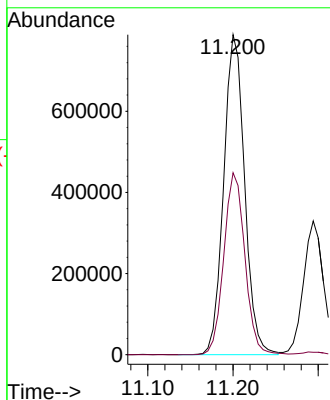
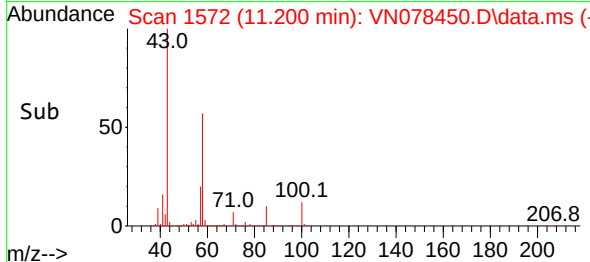
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 134483
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1

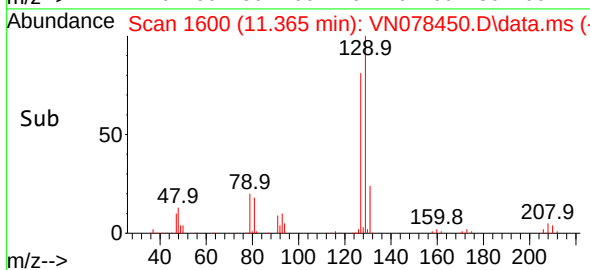
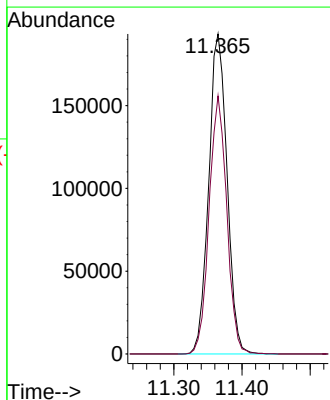
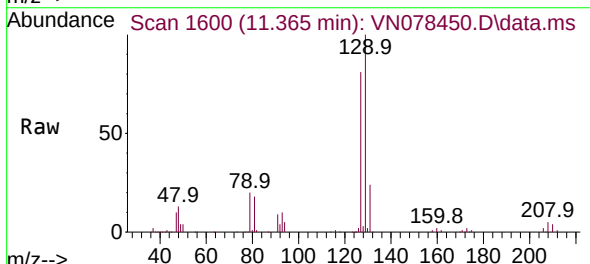
Manual Integrations
APPROVED

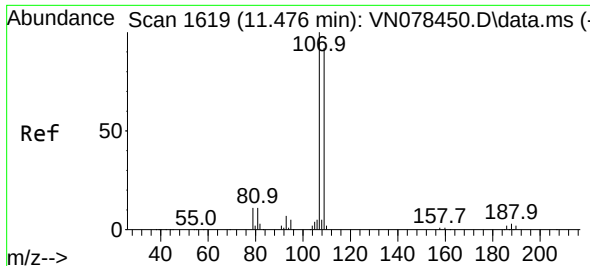
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 51.179 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

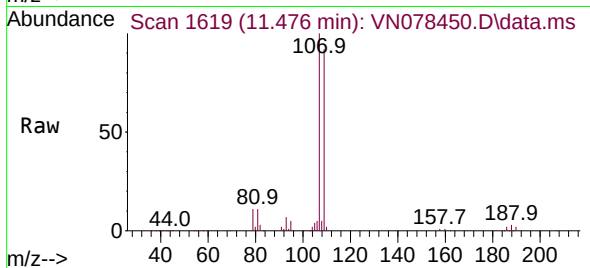
Tgt Ion:129 Resp: 361937
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.336 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

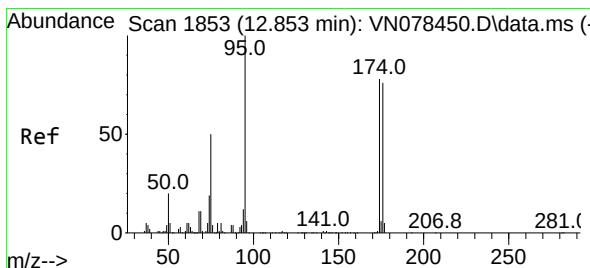
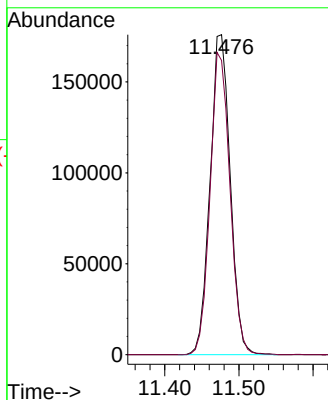
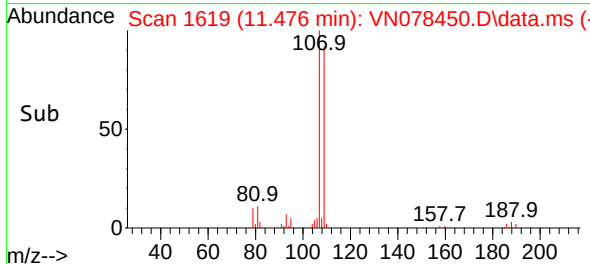
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



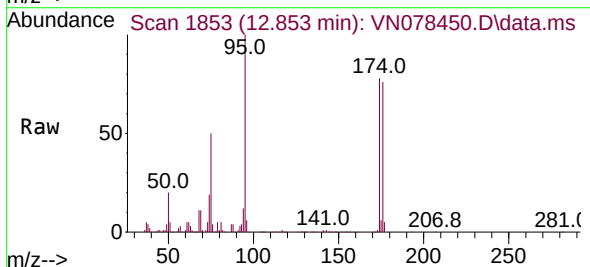
Tgt Ion:107 Resp: 33216
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

Manual Integrations
APPROVED

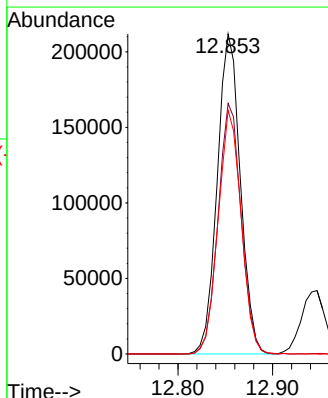
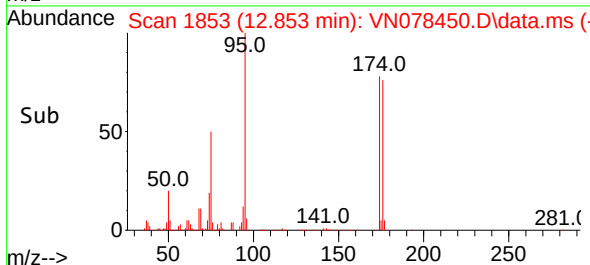
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

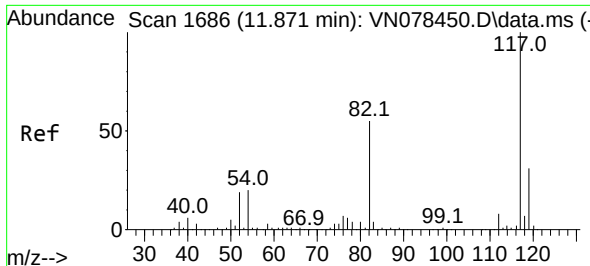


#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



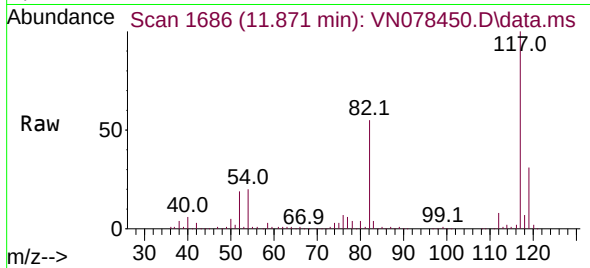
Tgt Ion: 95 Resp: 358906
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 75.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

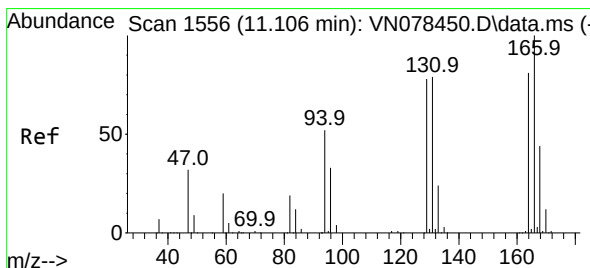
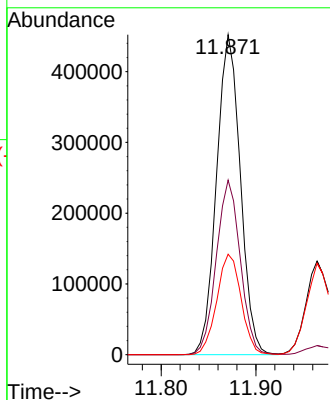
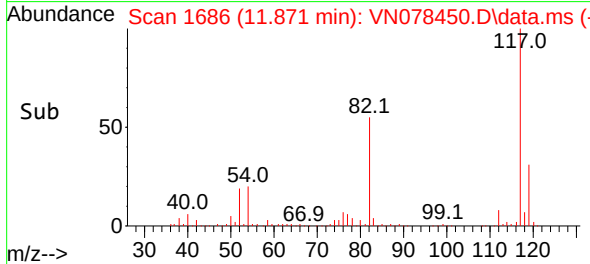
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 79164
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.4 25.6 38.4

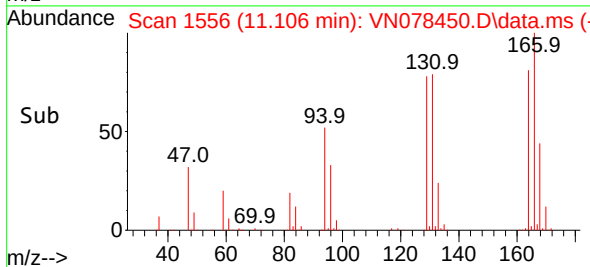
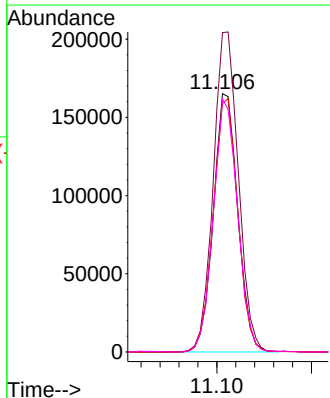
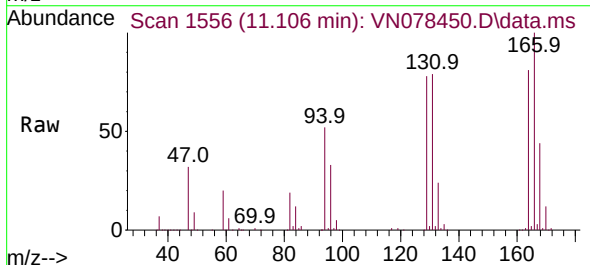
Manual Integrations
APPROVED

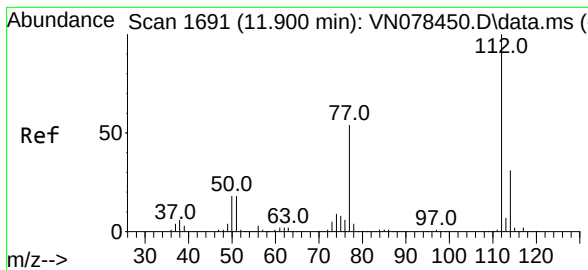
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 49.646 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion:164 Resp: 295482
Ion Ratio Lower Upper
164 100
166 123.6 101.4 152.0
129 96.2 82.4 123.6
131 97.9 78.2 117.4





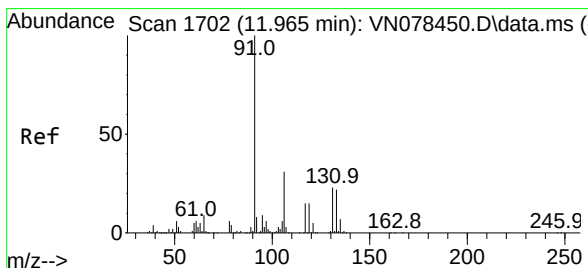
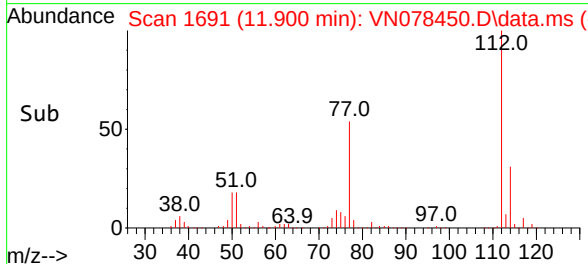
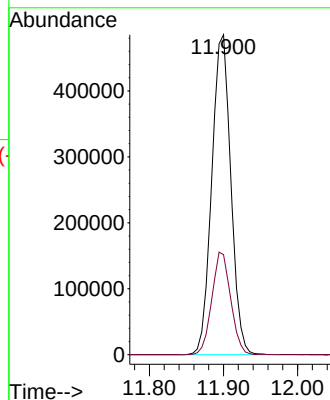
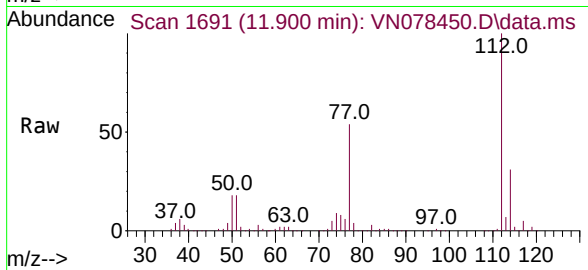
#65
Chlorobenzene
Concen: 48.995 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 86697
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

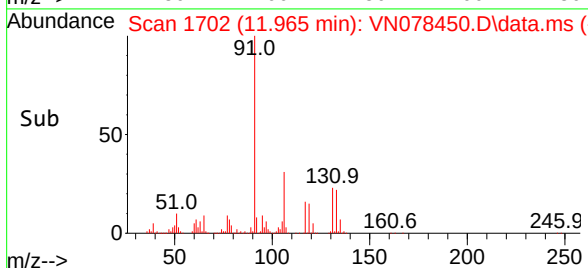
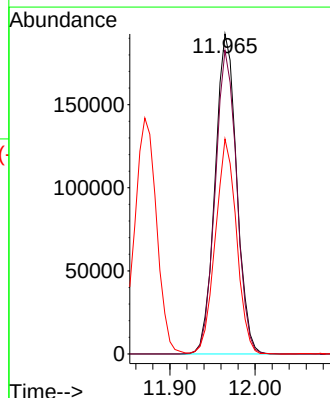
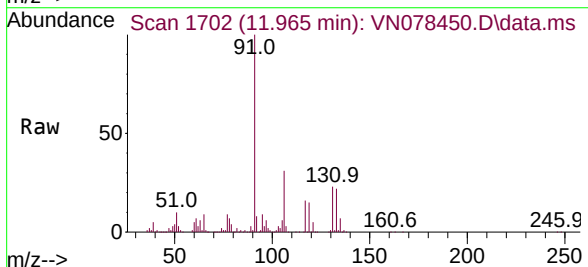
Manual Integrations
APPROVED

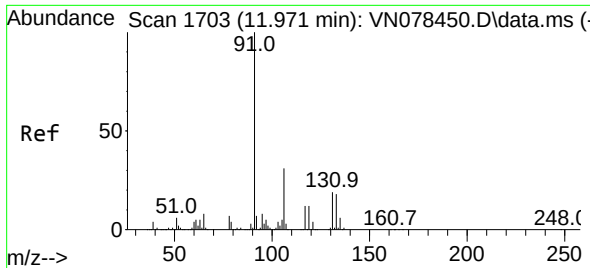
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.815 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

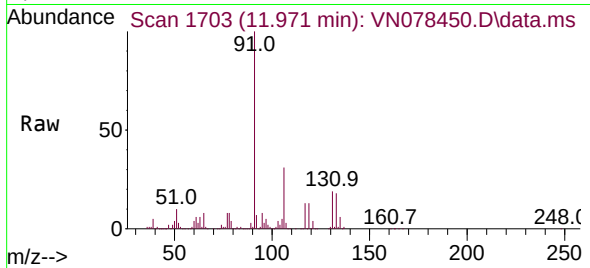
Tgt Ion:131 Resp: 339102
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 65.8 34.1 102.2





#67
Ethyl Benzene
Concen: 51.469 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

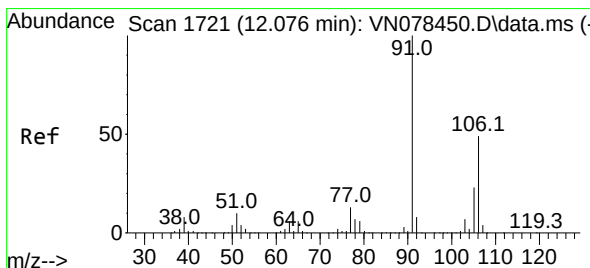
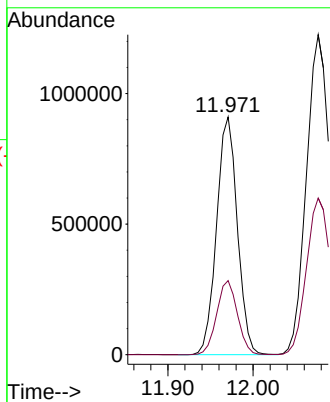
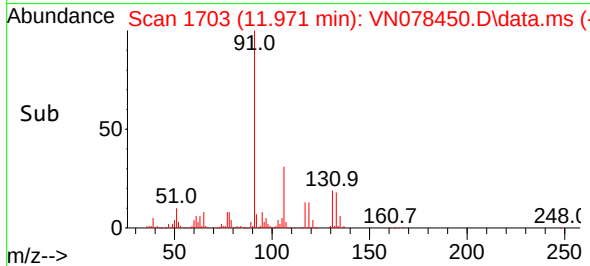
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



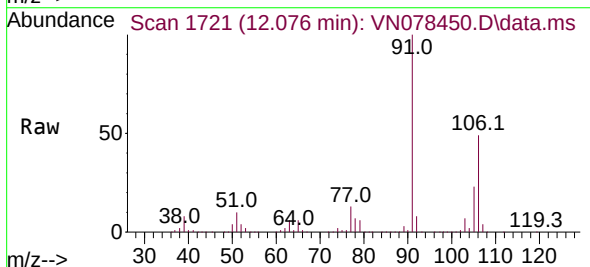
Tgt Ion: 91 Resp: 1539468
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

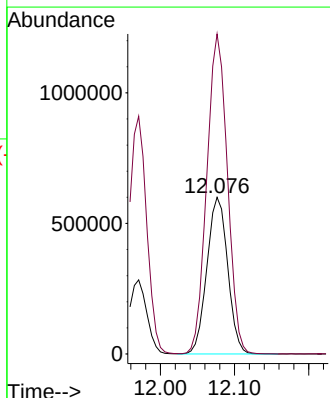
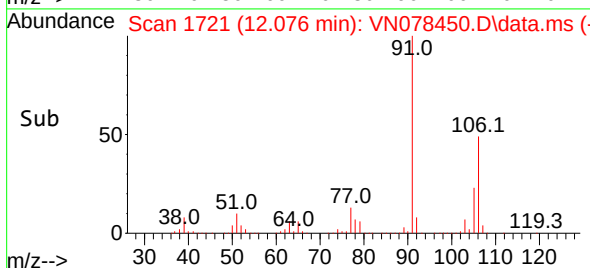
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

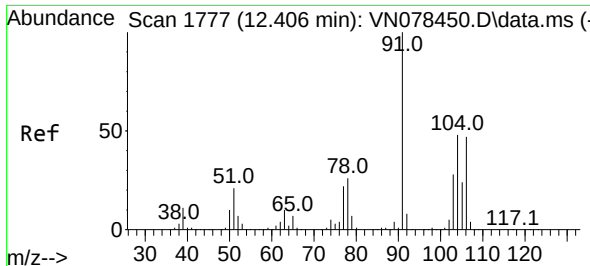


#68
m/p-Xylenes
Concen: 105.581 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



Tgt Ion:106 Resp: 1167599
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4





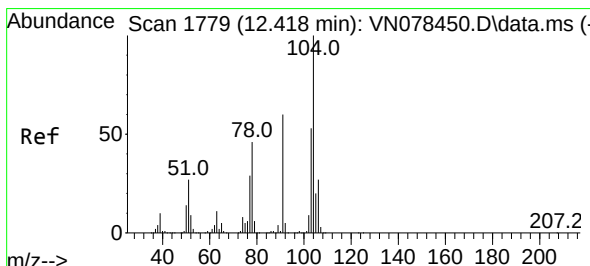
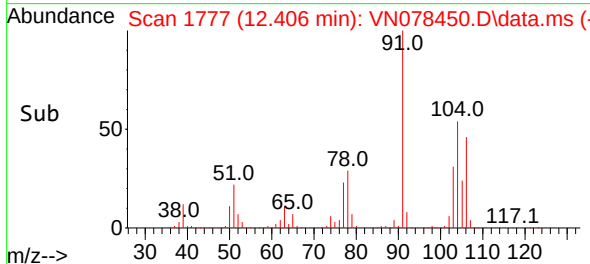
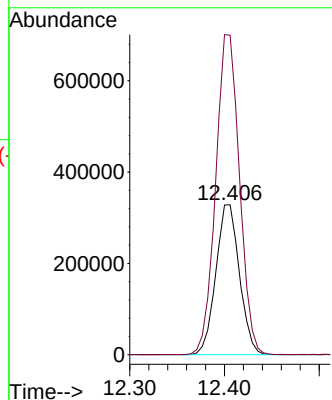
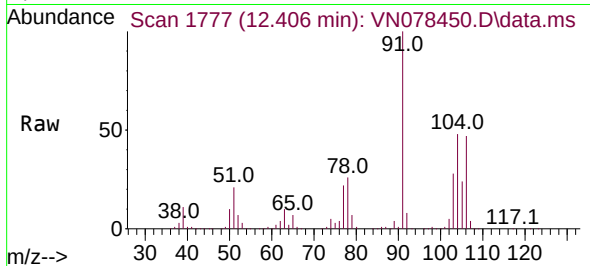
#69
o-Xylene
Concen: 50.921 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 568790
Ion Ratio Lower Upper
106 100
91 215.7 105.2 315.5

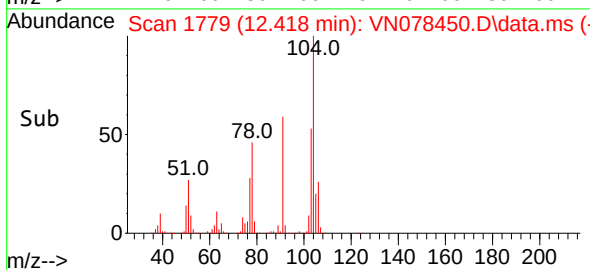
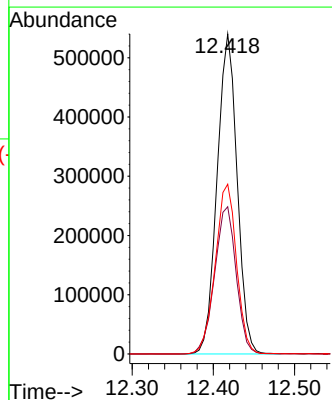
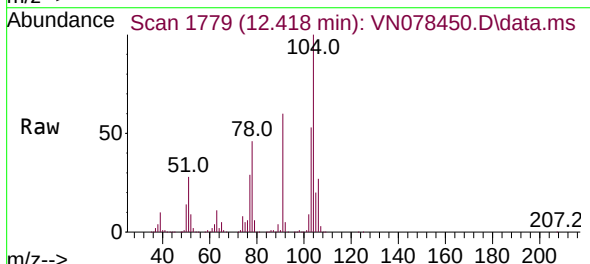
Manual Integrations
APPROVED

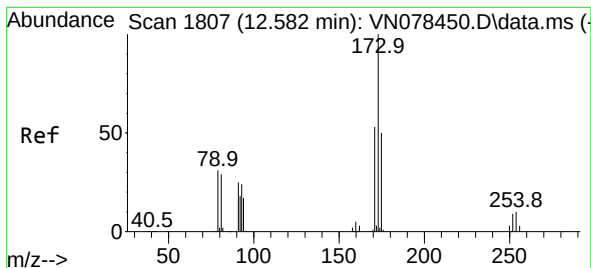
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 53.009 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion:104 Resp: 926334
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 52.464 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078450.D

Acq: 10 Jul 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 241874

Ion Ratio Lower Upper

173 100

175 47.2 24.3 73.0

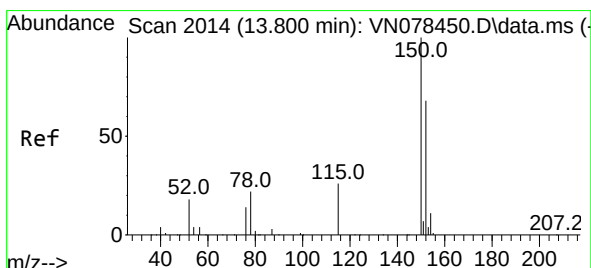
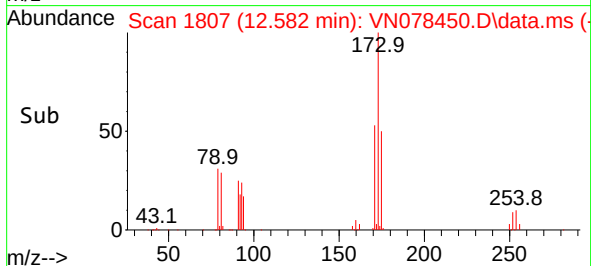
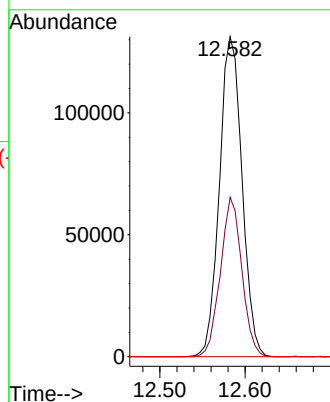
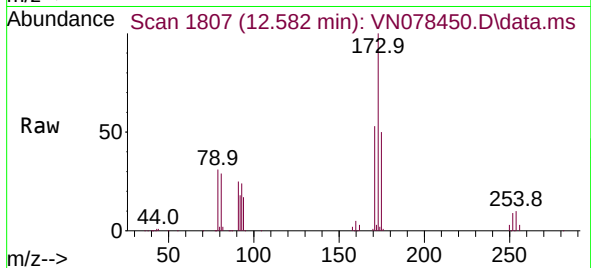
254 0.0 0.0 0.0

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: VN078450.D

Acq: 10 Jul 2023 12:46

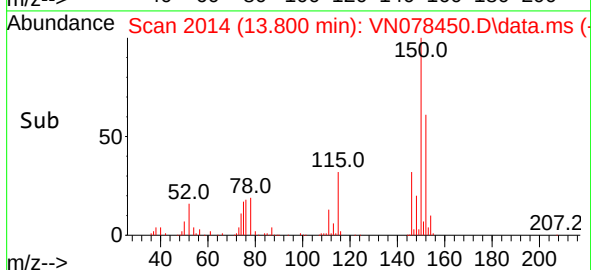
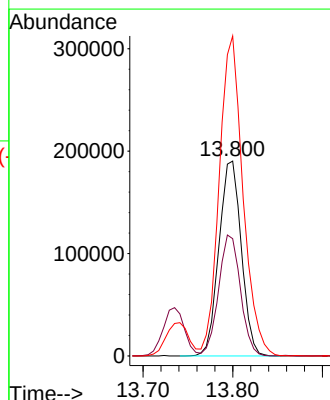
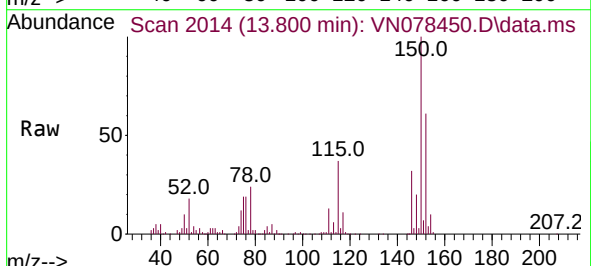
Tgt Ion:152 Resp: 329469

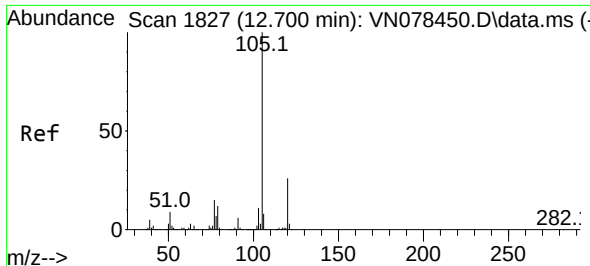
Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

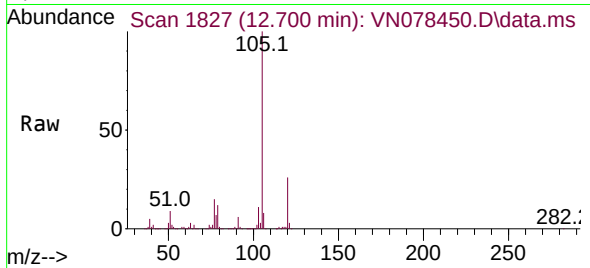
150 173.4 0.0 355.8





#73
Isopropylbenzene
Concen: 46.181 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

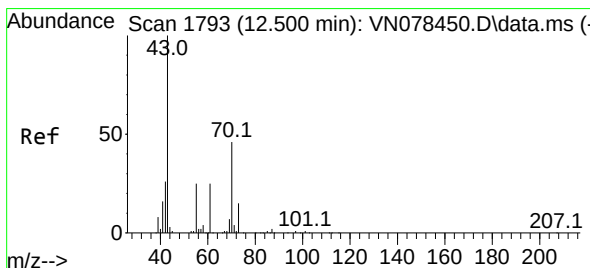
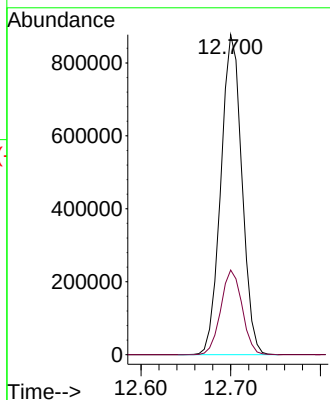
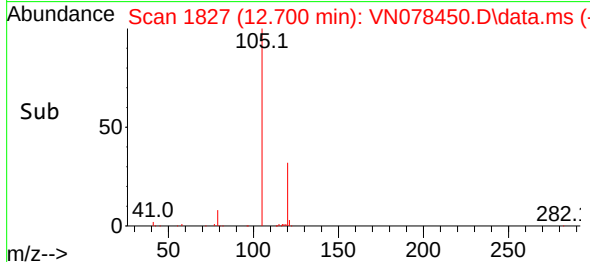
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



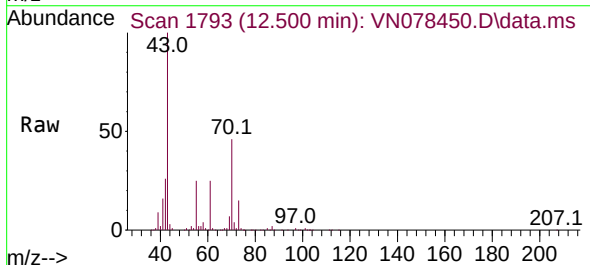
Tgt Ion:105 Resp: 1429692
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
APPROVED

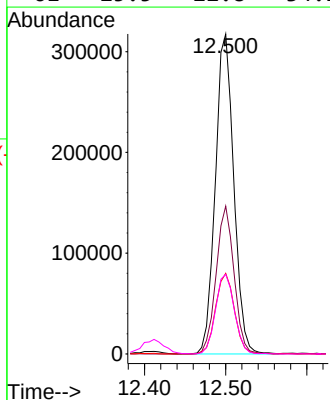
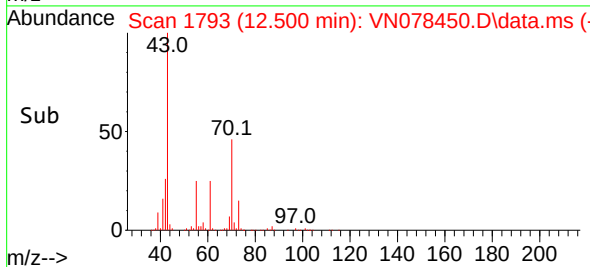
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

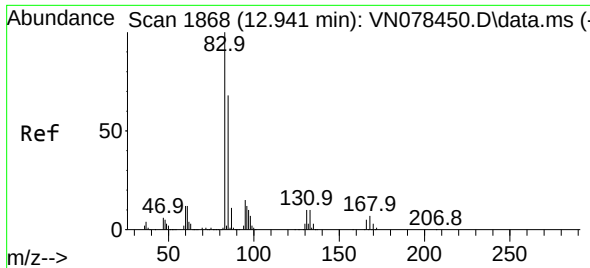


#74
N-ethyl acetate
Concen: 47.043 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



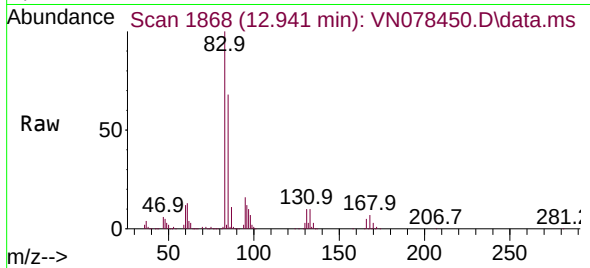
Tgt Ion: 43 Resp: 501898
Ion Ratio Lower Upper
43 100
70 45.0 43.4 65.2
55 25.8 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.351 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

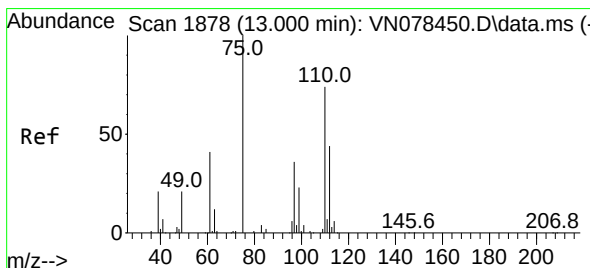
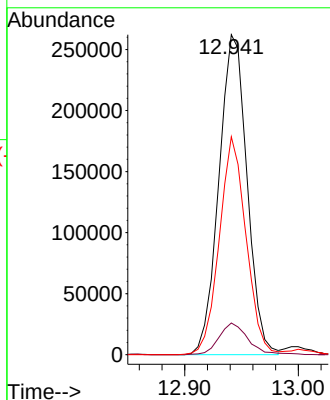
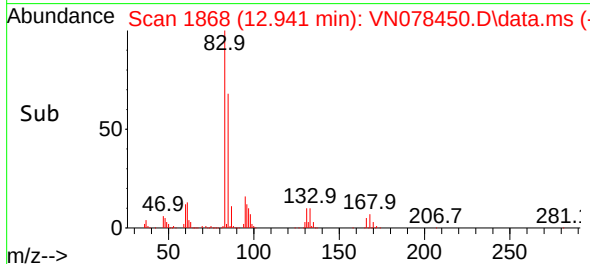
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 451410
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.7 31.9 95.7

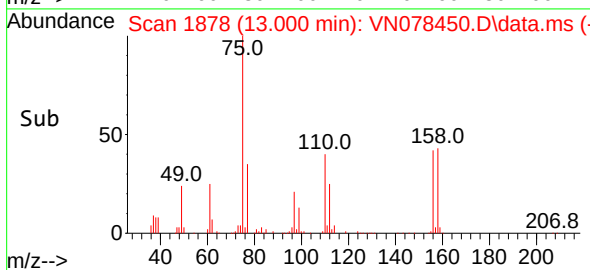
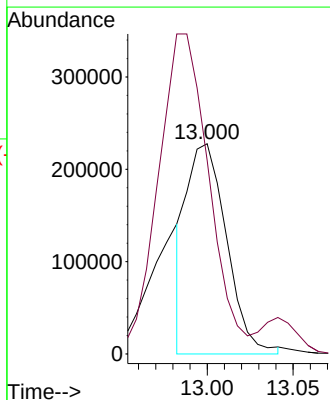
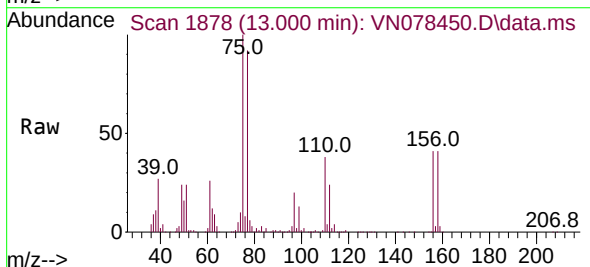
Manual Integrations
APPROVED

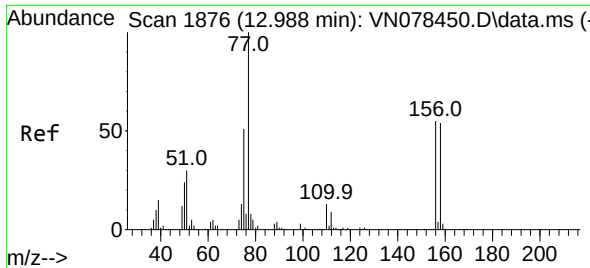
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#76
1,2,3-Trichloropropane
Concen: 46.134 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion: 75 Resp: 366977
Ion Ratio Lower Upper
75 100
77 193.8 84.5 253.5





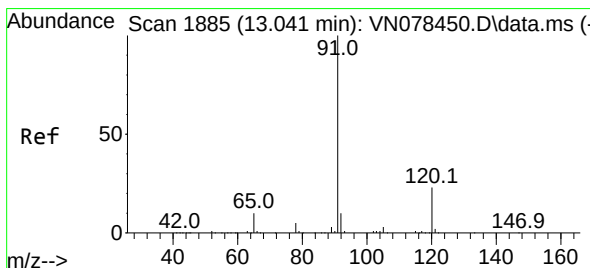
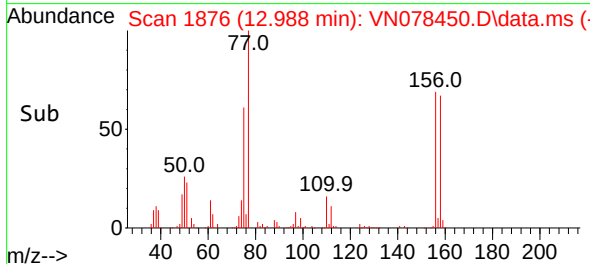
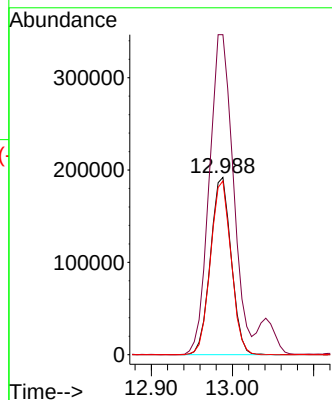
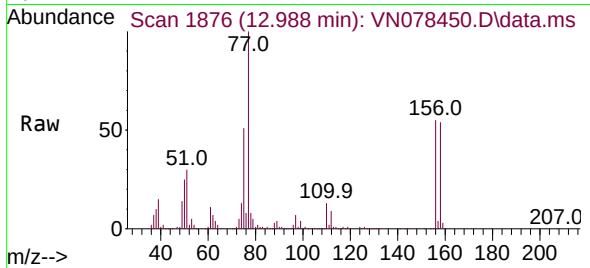
#77
Bromobenzene
Concen: 50.662 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 340930
Ion Ratio Lower Upper
156 100
77 208.6 107.7 323.3
158 97.3 48.4 145.3

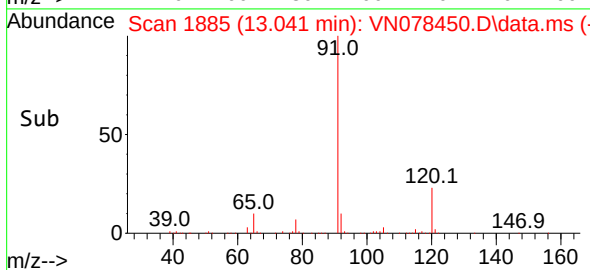
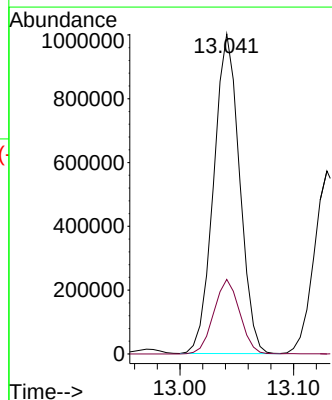
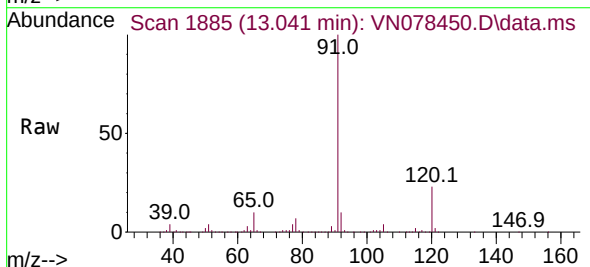
Manual Integrations
APPROVED

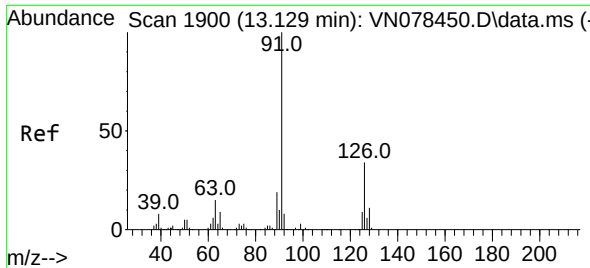
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#78
n-propylbenzene
Concen: 48.003 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Tgt Ion: 91 Resp: 1589295
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





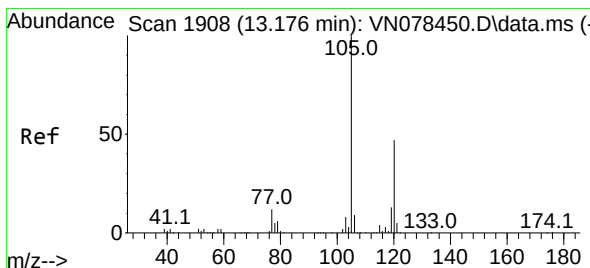
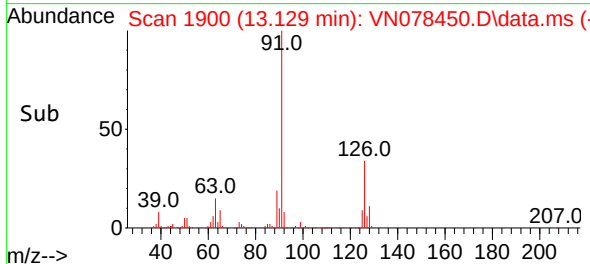
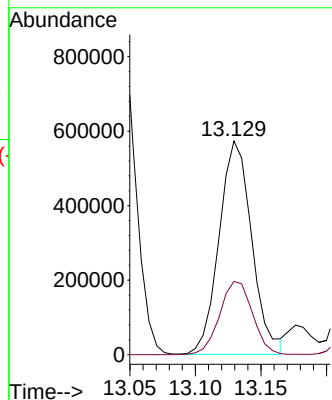
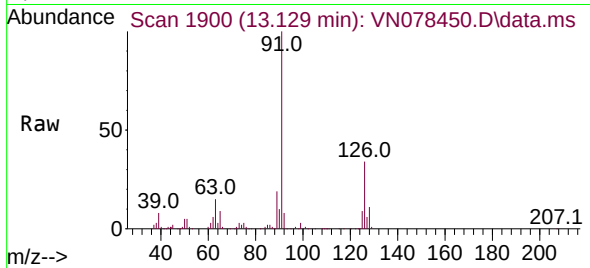
#79
2-Chlorotoluene
Concen: 45.832 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 99393
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

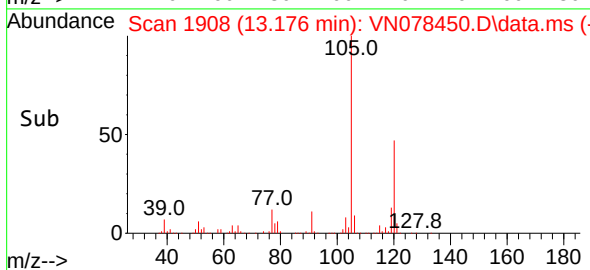
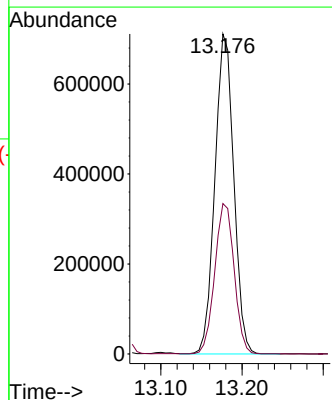
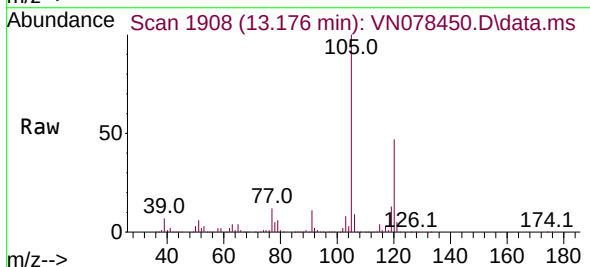
Manual Integrations
APPROVED

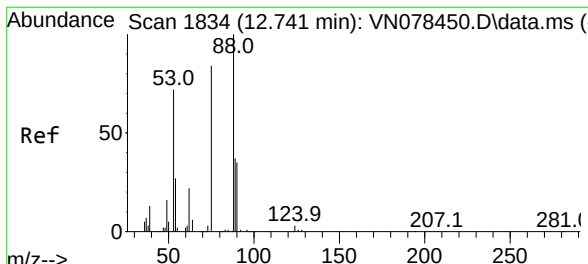
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.955 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

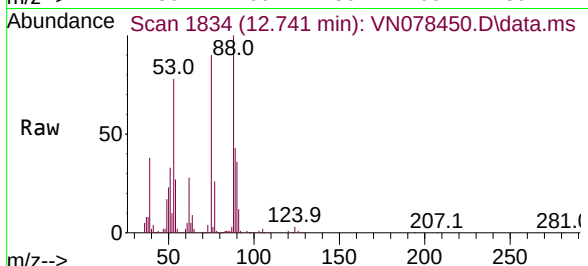
Tgt Ion:105 Resp: 1148553
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.712 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

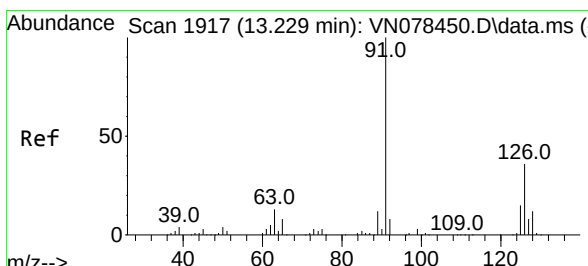
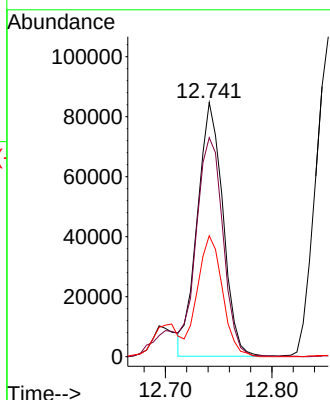
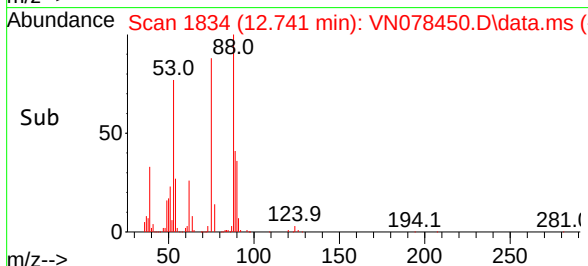
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



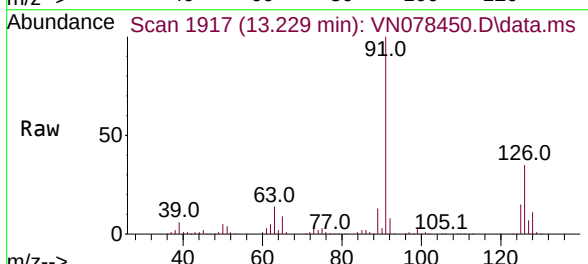
Tgt Ion: 75 Resp: 141562
Ion Ratio Lower Upper
75 100
53 101.1 67.4 101.2
89 46.1 38.8 58.2

Manual Integrations
APPROVED

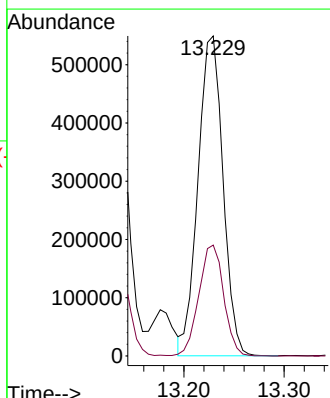
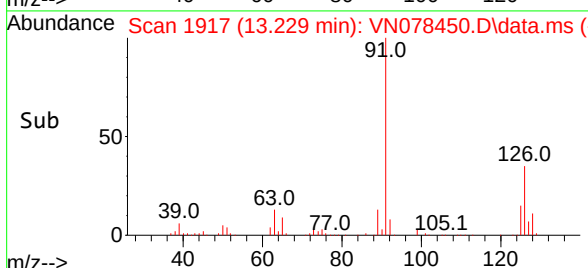
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

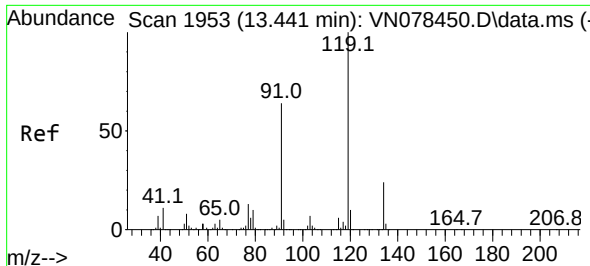


#82
4-Chlorotoluene
Concen: 47.054 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



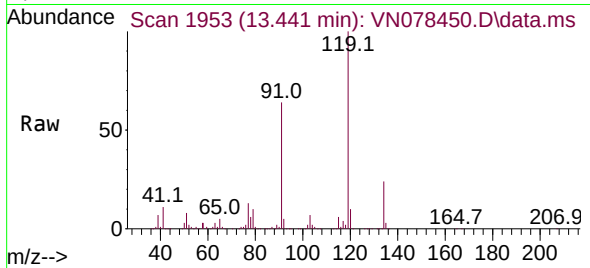
Tgt Ion: 91 Resp: 951921
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 46.459 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

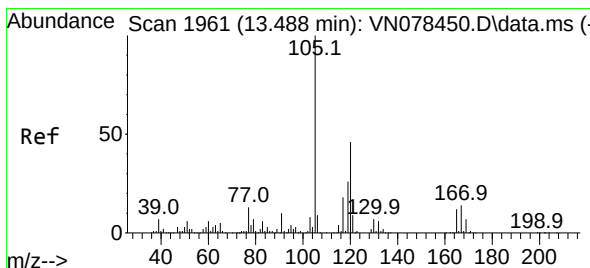
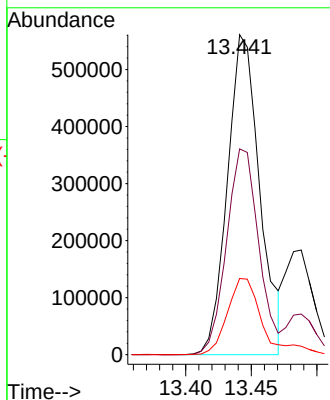
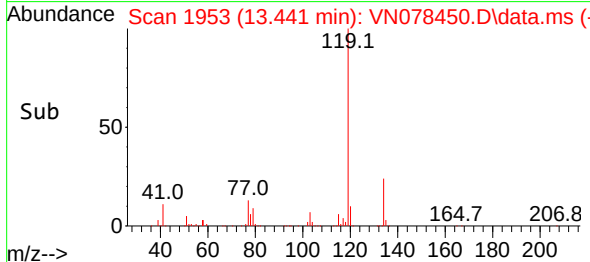
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



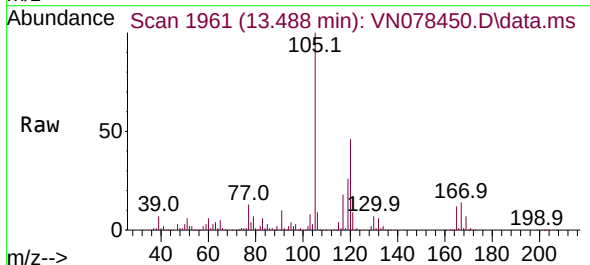
Tgt Ion:119 Resp: 964839
Ion Ratio Lower Upper
119 100
91 64.0 33.9 101.7
134 25.8 13.2 39.6

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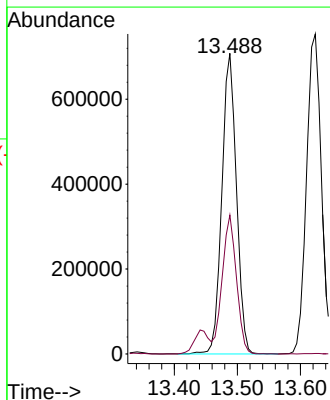
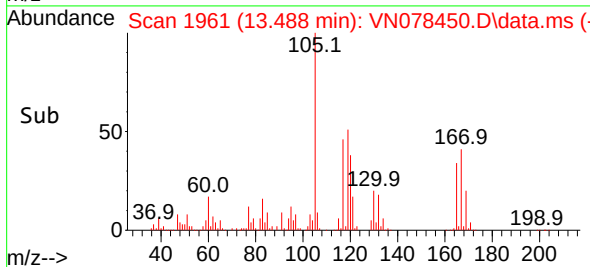
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

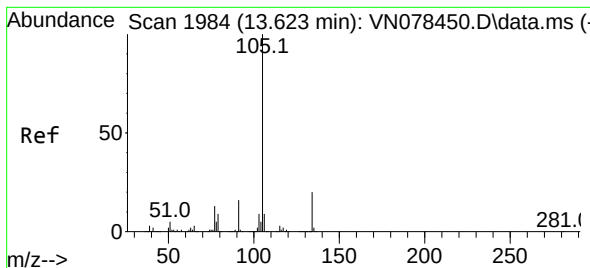


#84
1,2,4-Trimethylbenzene
Concen: 47.696 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



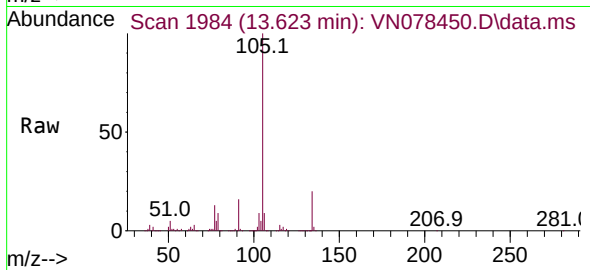
Tgt Ion:105 Resp: 1133229
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.853 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46

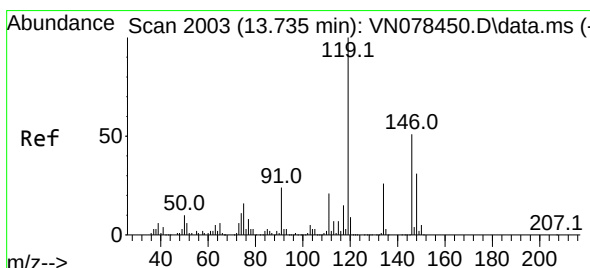
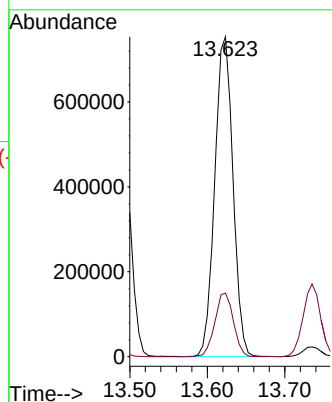
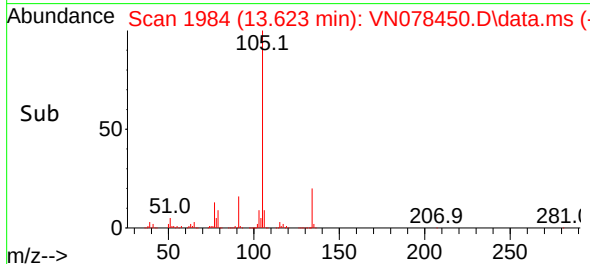
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



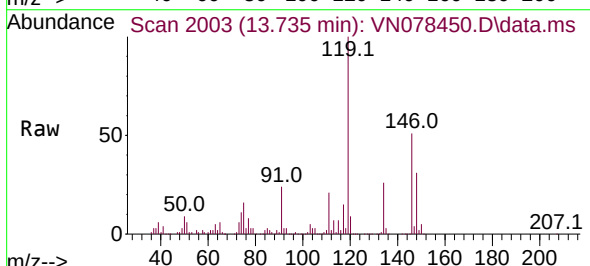
Tgt Ion:105 Resp: 1229885
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

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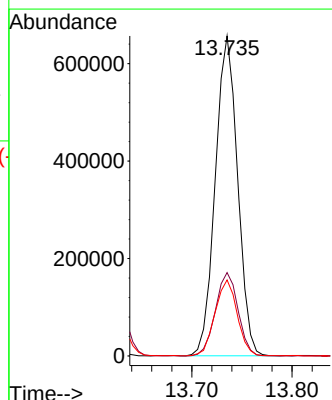
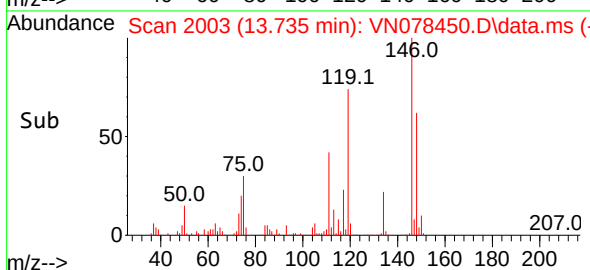
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

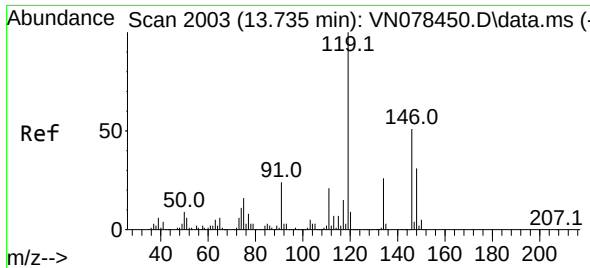


#86
 p-Isopropyltoluene
 Concen: 48.131 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46



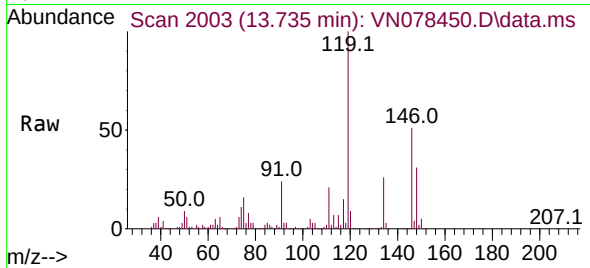
Tgt Ion:119 Resp: 1014504
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 23.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 48.403 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46

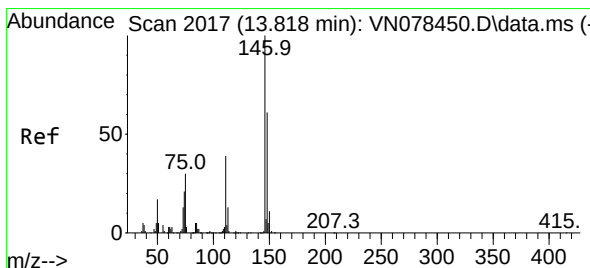
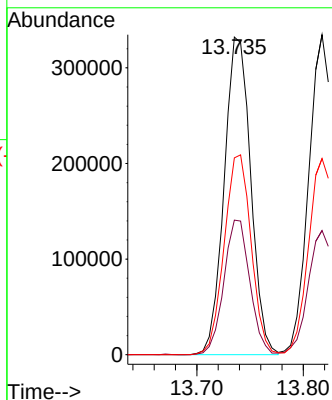
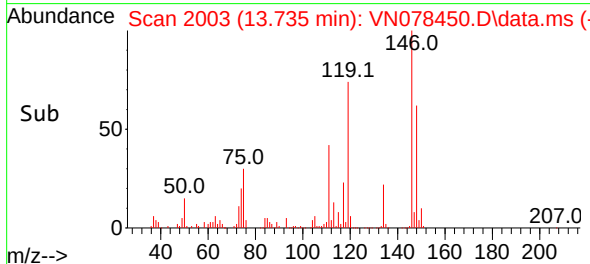
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



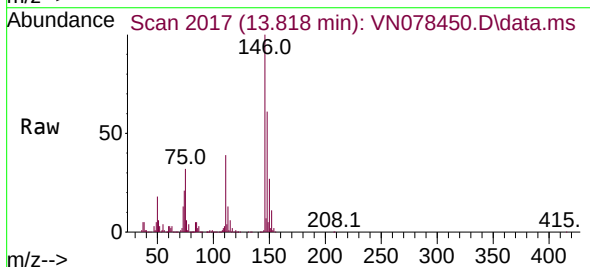
Tgt Ion:146 Resp: 575254
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.1 66.3
 148 64.1 32.0 96.0

Manual Integrations
 APPROVED

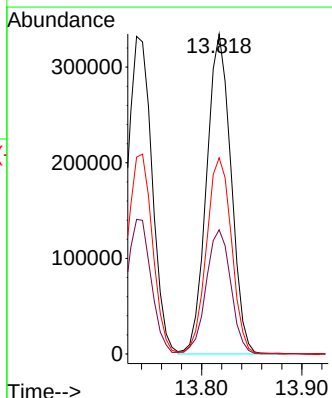
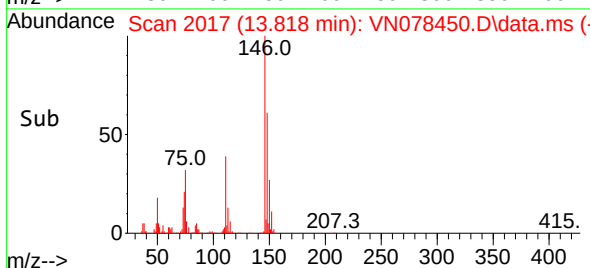
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

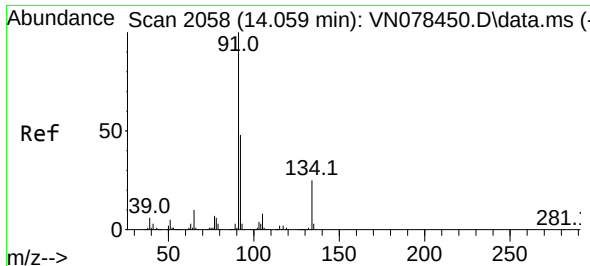


#88
 1,4-Dichlorobenzene
 Concen: 47.430 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078450.D
 Acq: 10 Jul 2023 12:46



Tgt Ion:146 Resp: 567782
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.6 61.8
 148 62.6 31.6 94.8





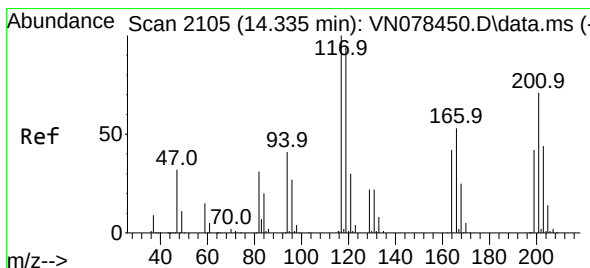
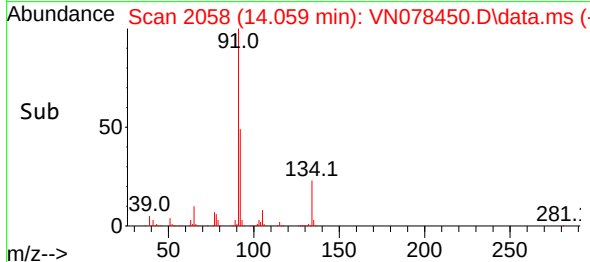
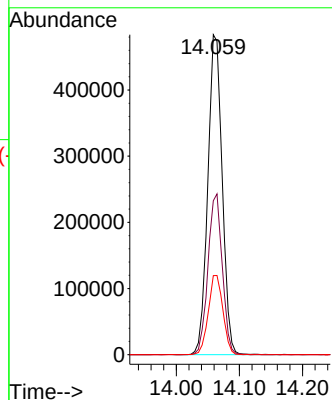
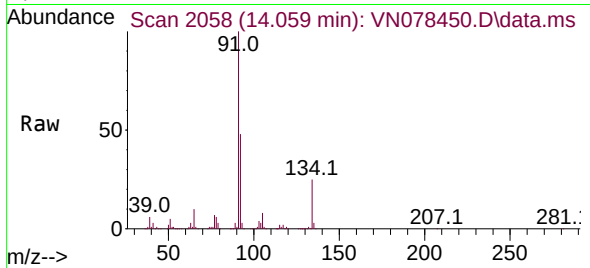
#89
n-Butylbenzene
Concen: 50.723 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 76497
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 25.2 12.6 37.6

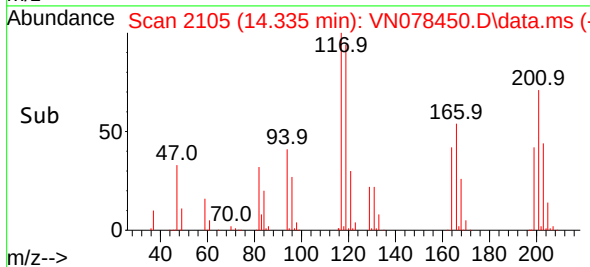
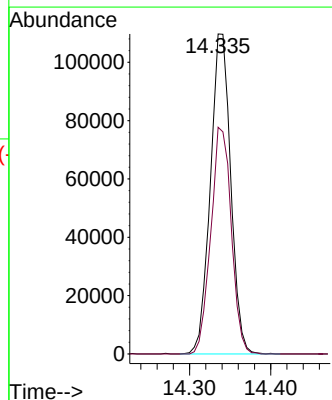
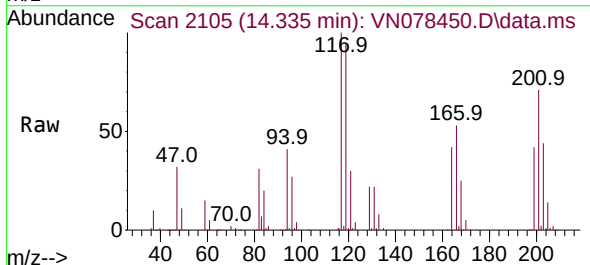
Manual Integrations
APPROVED

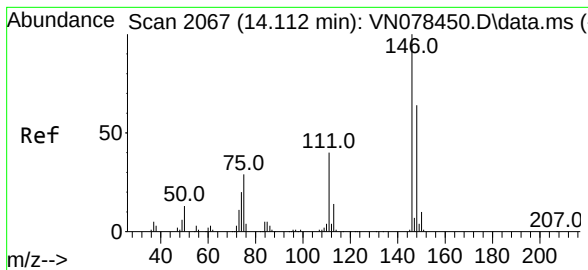
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 49.287 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

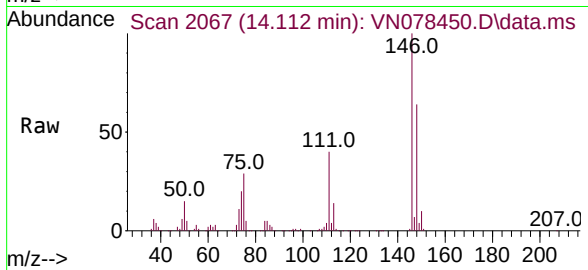
Tgt Ion:117 Resp: 190986
Ion Ratio Lower Upper
117 100
201 71.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.027 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

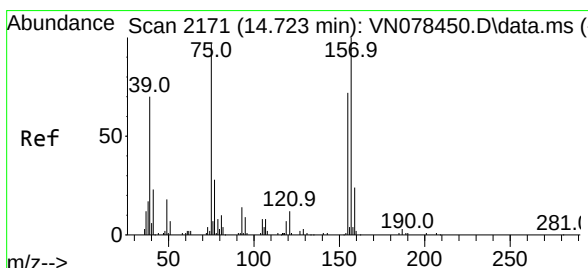
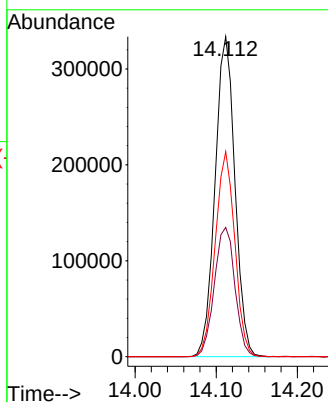
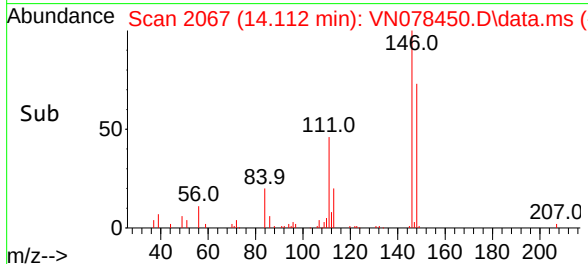
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



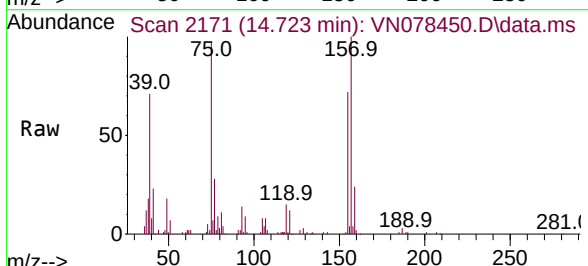
Tgt Ion:146 Resp: 568034
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

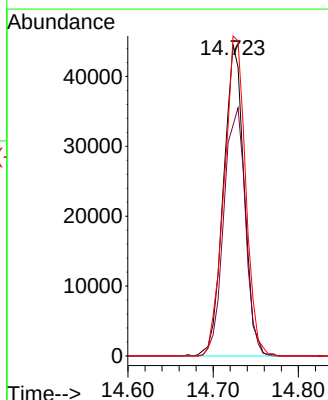
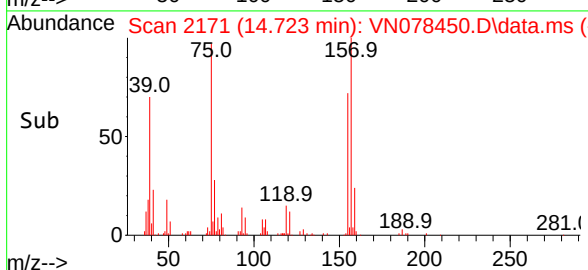
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

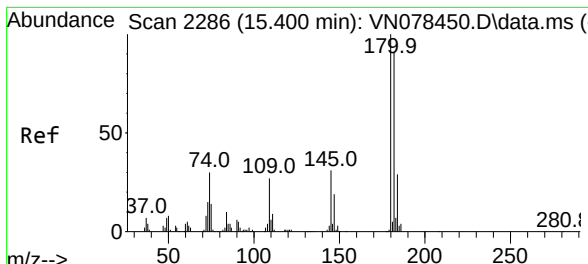


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.514 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



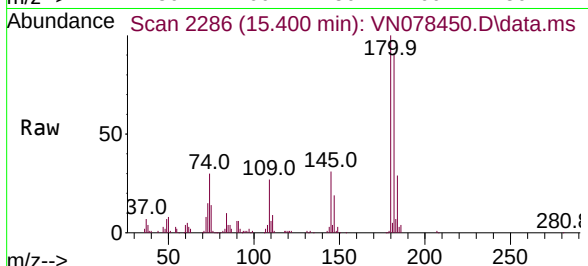
Tgt Ion: 75 Resp: 74837
Ion Ratio Lower Upper
75 100
155 83.5 39.1 117.2
157 107.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 53.177 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

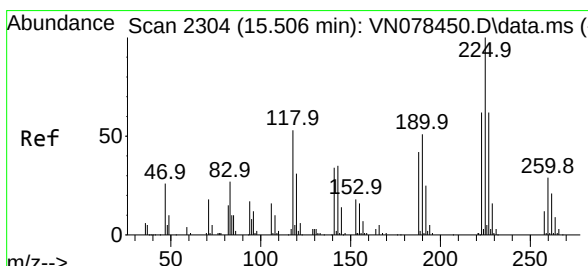
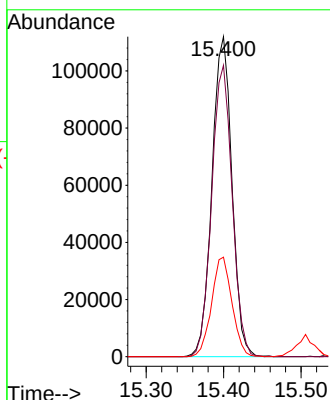
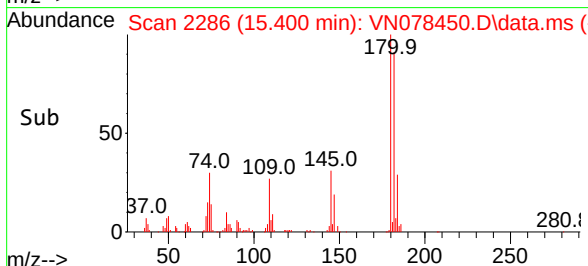
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



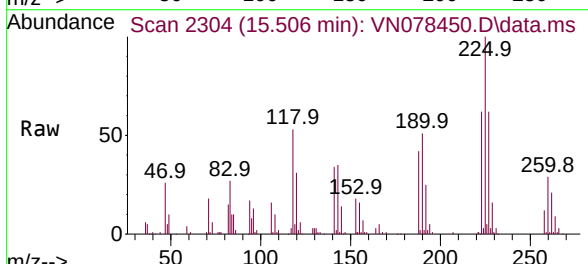
Tgt Ion:180 Resp: 20073
Ion Ratio Lower Upper
180 100
182 93.3 46.1 138.2
145 31.8 16.6 49.8

Manual Integrations
APPROVED

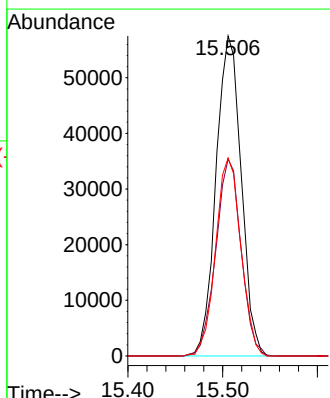
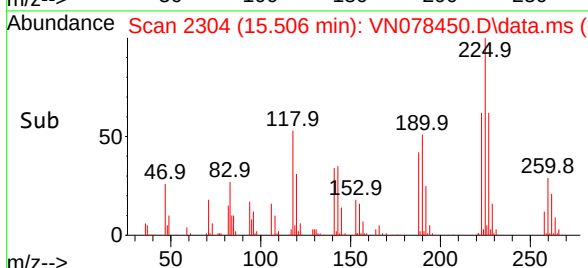
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

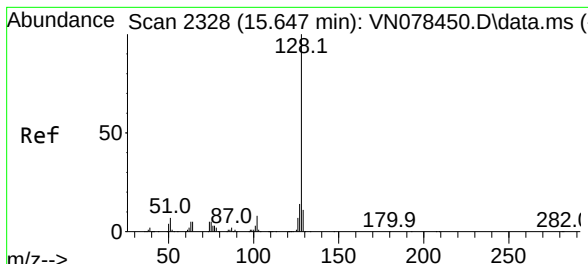


#94
Hexachlorobutadiene
Concen: 54.749 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



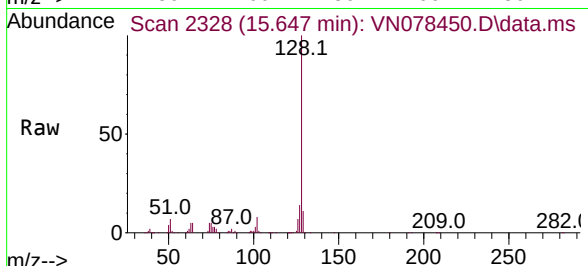
Tgt Ion:225 Resp: 106143
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 62.0 31.9 95.9





#95
Naphthalene
Concen: 50.666 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46

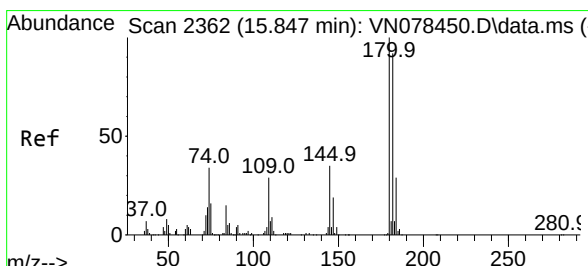
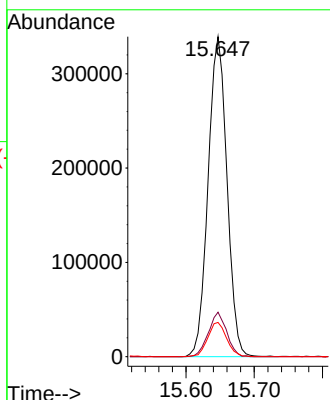
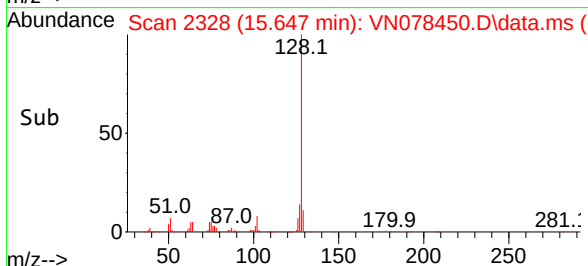
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



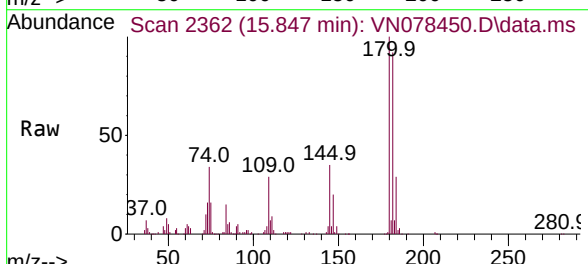
Tgt Ion:128 Resp: 65382
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.092 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078450.D
Acq: 10 Jul 2023 12:46



Tgt Ion:180 Resp: 217418
Ion Ratio Lower Upper
180 100
182 93.7 46.2 138.6
145 34.9 17.5 52.6

