

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078452.D
 Acq On : 10 Jul 2023 13:34
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 10 15:54:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:52:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	506490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	868065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	751724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	282655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136740	20.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.280%#		
35) Dibromofluoromethane	8.177	113	120405	20.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.860%#		
50) Toluene-d8	10.571	98	444912	19.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.980%#		
62) 4-Bromofluorobenzene	12.853	95	134584	19.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	116678	18.789	ug/l	95
3) Chloromethane	2.371	50	125042	18.526	ug/l	100
4) Vinyl Chloride	2.518	62	170651	19.545	ug/l	100
5) Bromomethane	2.965	94	125578	19.729	ug/l	98
6) Chloroethane	3.124	64	113376	20.326	ug/l	95
7) Trichlorofluoromethane	3.501	101	204564	19.600	ug/l	100
8) Diethyl Ether	3.977	74	65418	18.812	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	108045	19.556	ug/l	96
10) Methyl Iodide	4.600	142	148429	19.550	ug/l	97
11) Tert butyl alcohol	5.536	59	103940	99.270	ug/l	99
12) 1,1-Dichloroethene	4.348	96	103072	19.286	ug/l #	78
13) Acrolein	4.189	56	102329	99.334	ug/l	99
14) Allyl chloride	5.030	41	137963	18.892	ug/l	96
15) Acrylonitrile	5.730	53	264143	99.847	ug/l	98
16) Acetone	4.436	43	202621	95.797	ug/l	93
17) Carbon Disulfide	4.718	76	292314	18.915	ug/l	98
18) Methyl Acetate	5.042	43	168020	18.766	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	345173	19.602	ug/l	96
20) Methylene Chloride	5.289	84	122115	19.056	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	117630	19.532	ug/l #	84
22) Diisopropyl ether	6.677	45	326748	19.982	ug/l #	93
23) Vinyl Acetate	6.618	43	1052338	101.229	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	213961	19.418	ug/l	98
25) 2-Butanone	7.494	43	330113	99.149	ug/l	92
26) 2,2-Dichloropropane	7.500	77	169178	18.773	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	137922	19.797	ug/l	95
28) Bromochloromethane	7.818	49	102041	19.662	ug/l	88
29) Tetrahydrofuran	7.847	42	212833	97.421	ug/l	87
30) Chloroform	7.971	83	226403	19.736	ug/l	87
31) Cyclohexane	8.259	56	177544	19.348	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	206056	20.035	ug/l	96
36) 1,1-Dichloropropene	8.383	75	166479	19.566	ug/l	97
37) Ethyl Acetate	7.571	43	147608	20.811	ug/l #	95
38) Carbon Tetrachloride	8.365	117	184232	19.923	ug/l	96
39) Methylcyclohexane	9.606	83	153535	19.769	ug/l	91
40) Benzene	8.612	78	508110	20.157	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	70224	19.421	ug/l	95
42) 1,2-Dichloroethane	8.677	62	172703	20.143	ug/l	99
43) Isopropyl Acetate	8.694	43	244233	20.915	ug/l	93
44) Trichloroethene	9.359	130	130391	19.193	ug/l	97
45) 1,2-Dichloropropane	9.630	63	129772	20.327	ug/l	95
46) Dibromomethane	9.712	93	90702	20.185	ug/l	92
47) Bromodichloromethane	9.894	83	182702	20.283	ug/l	98
48) Methyl methacrylate	9.688	41	108172	19.995	ug/l	90
49) 1,4-Dioxane	9.700	88	48946	414.856	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	729296	104.997	ug/l	92
52) Toluene	10.635	92	304938	19.519	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	184312	19.973	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	200793	20.413	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	124764	20.269	ug/l	96
56) Ethyl methacrylate	10.877	69	174763	20.311	ug/l	91
57) 1,3-Dichloropropane	11.171	76	212899	20.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	297509	97.023	ug/l	93
59) 2-Hexanone	11.200	43	504899	102.278	ug/l	92
60) Dibromochloromethane	11.365	129	136492	20.086	ug/l	99
61) 1,2-Dibromoethane	11.471	107	127160	20.054	ug/l	100
64) Tetrachloroethene	11.112	164	118973	21.051	ug/l	95
65) Chlorobenzene	11.894	112	334361	19.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	129045	19.964	ug/l	96
67) Ethyl Benzene	11.971	91	580064	20.423	ug/l	99
68) m/p-Xylenes	12.076	106	433823	41.312	ug/l	98
69) o-Xylene	12.406	106	214478	20.221	ug/l	98
70) Styrene	12.418	104	335885	20.241	ug/l	98
71) Bromoform	12.582	173	88446	20.203	ug/l #	98
73) Isopropylbenzene	12.700	105	527441	19.859	ug/l	99
74) N-amyl acetate	12.500	43	182096	19.895	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	169381	21.039	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	139097m	20.382	ug/l	
77) Bromobenzene	12.982	156	123131	20.404	ug/l	97
78) n-propylbenzene	13.041	91	567216	19.970	ug/l	100
79) 2-Chlorotoluene	13.129	91	371193	19.951	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	426565	20.327	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49271	18.951	ug/l	97
82) 4-Chlorotoluene	13.229	91	340292	19.607	ug/l	98
83) tert-Butylbenzene	13.447	119	357194	20.048	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	412523	20.238	ug/l	97
85) sec-Butylbenzene	13.623	105	443554	19.696	ug/l	98
86) p-Isopropyltoluene	13.735	119	362229	20.032	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	199778	19.594	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	200731	19.545	ug/l	99
89) n-Butylbenzene	14.059	91	259625	20.066	ug/l	96
90) Hexachloroethane	14.341	117	68556	20.140	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	204434	20.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27767	20.714	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	62758	19.379	ug/l	98
94) Hexachlorobutadiene	15.500	225	39894	21.450	ug/l	98
95) Naphthalene	15.647	128	203476	18.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	73056	19.619	ug/l	97

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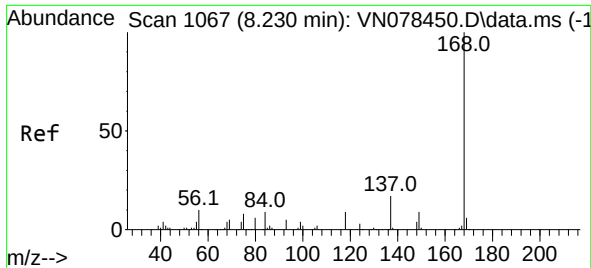
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/11/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

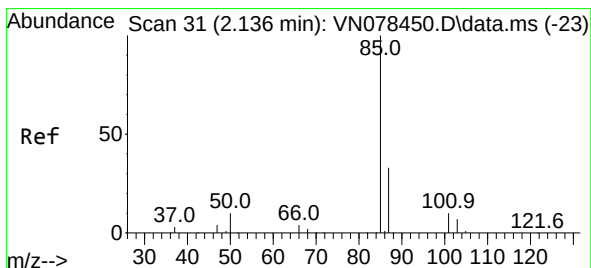
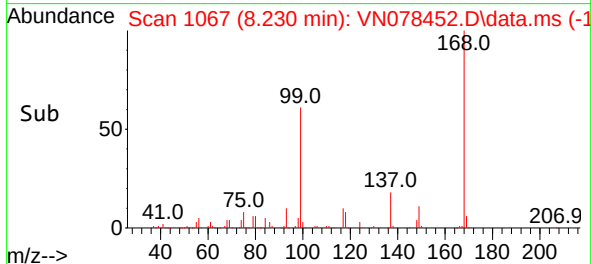
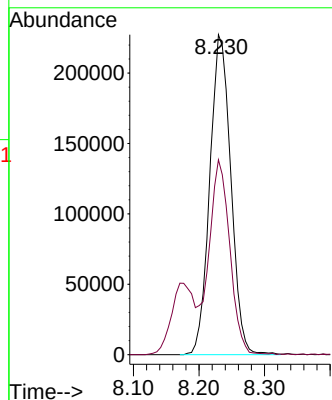
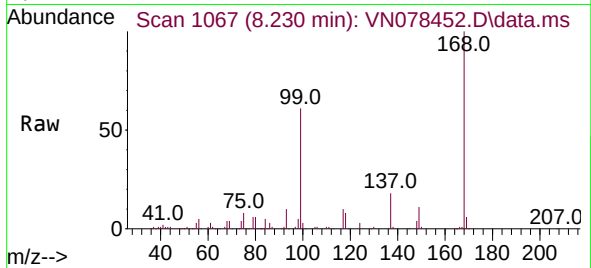
Tgt Ion:168 Resp: 506490
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

Manual Integrations

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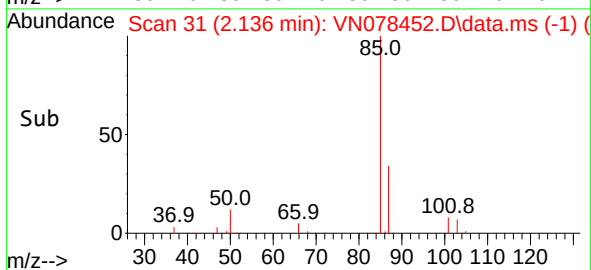
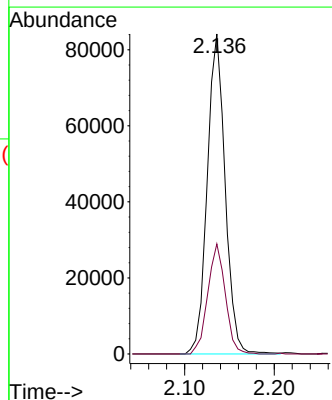
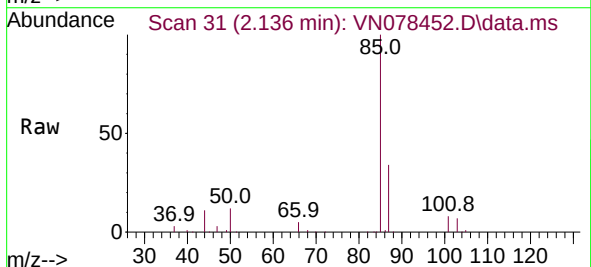
Reviewed By :John Carlone 07/10/2023

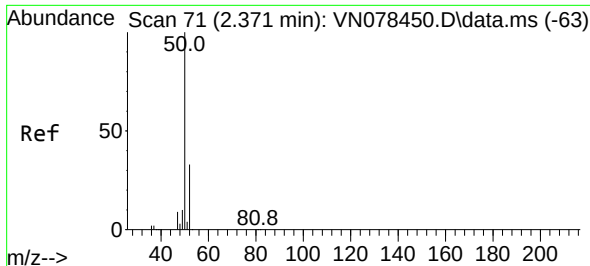
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 18.789 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

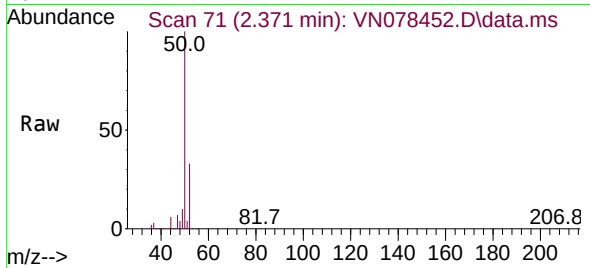
Tgt Ion: 85 Resp: 116678
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 18.526 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

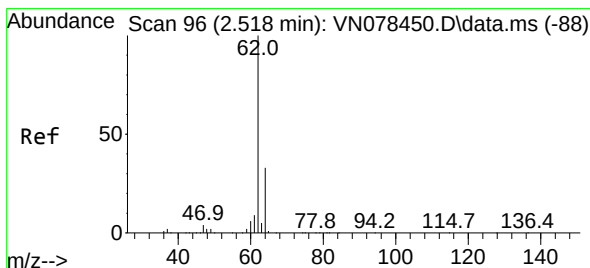
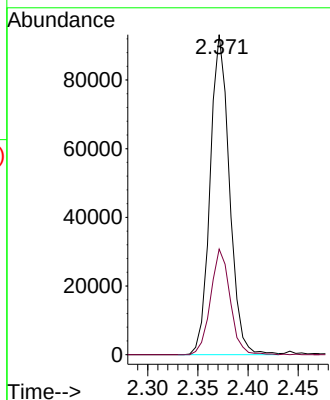
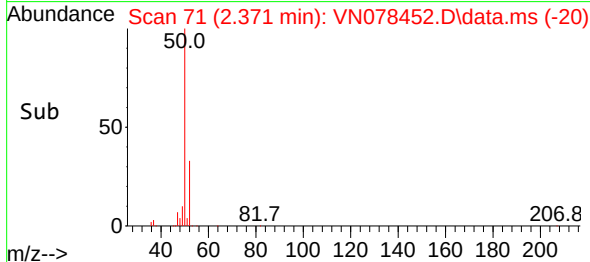
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 12504
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

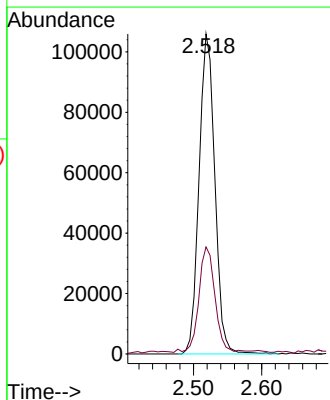
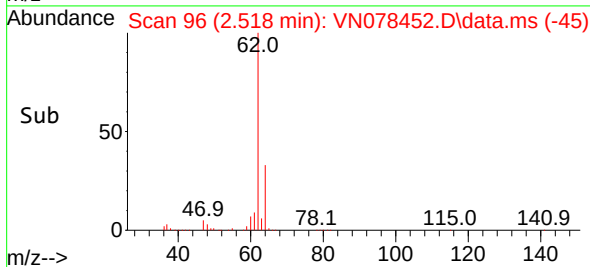
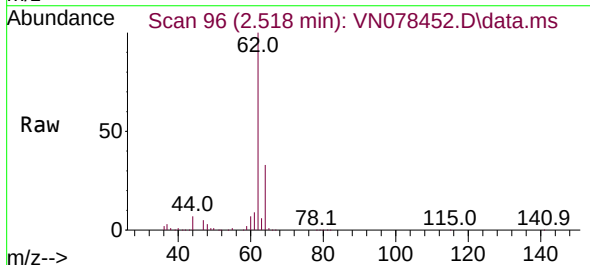
Manual Integrations
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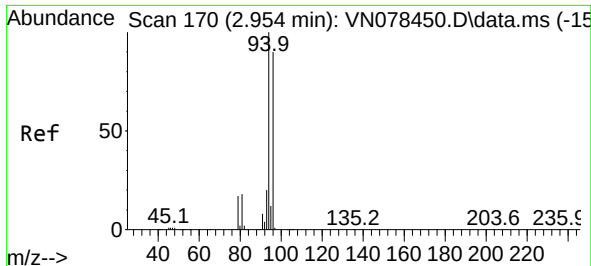
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Vinyl Chloride
Concen: 19.545 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

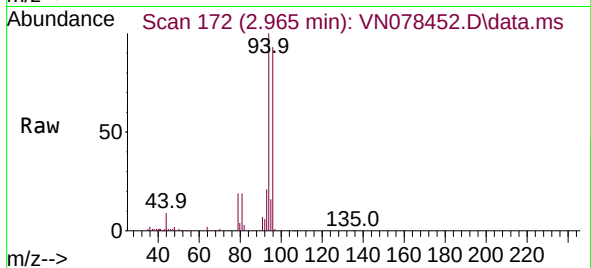
Tgt Ion: 62 Resp: 170651
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 19.729 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

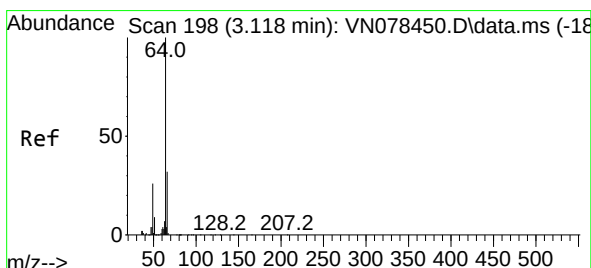
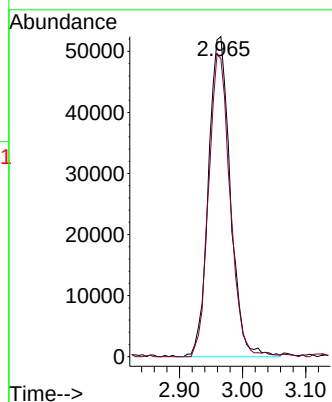
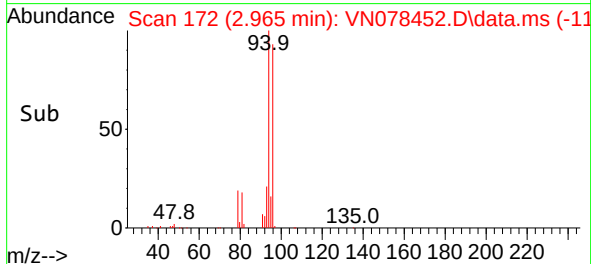
Instrument :
MSVOA_N
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VSTDIC020



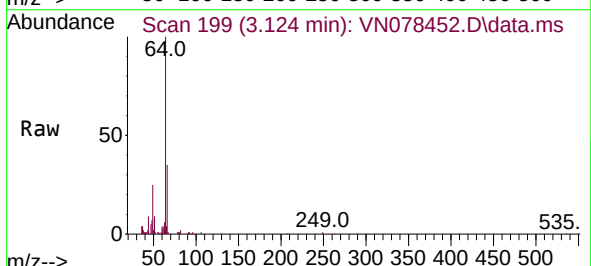
Tgt Ion: 94 Resp: 125578
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

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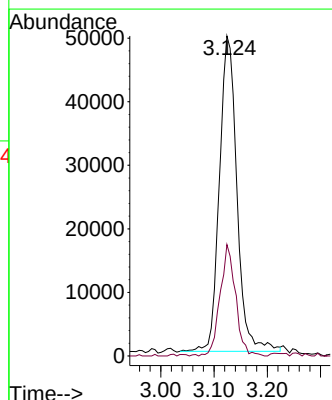
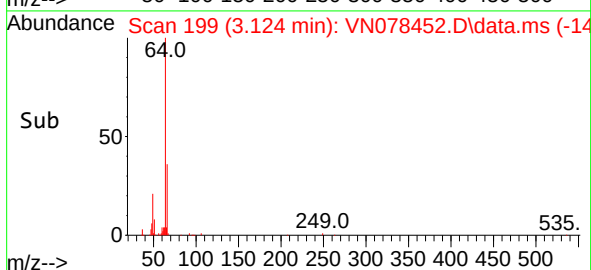
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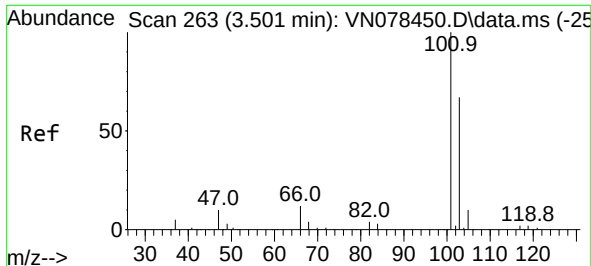


#6
Chloroethane
Concen: 20.326 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion: 64 Resp: 113376
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2





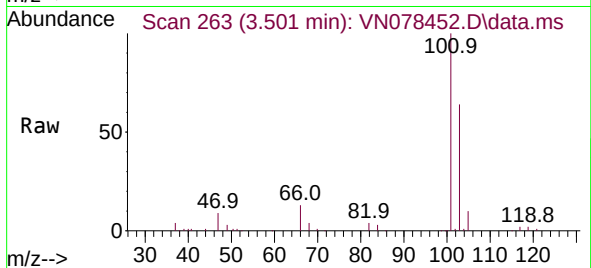
#7
 Trichlorofluoromethane
 Concen: 19.600 ug/l
 RT: 3.501 min Scan# 204564
 Delta R.T. -0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

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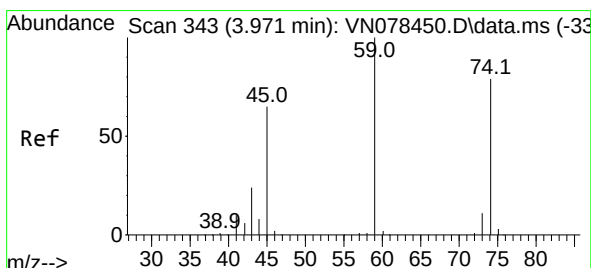
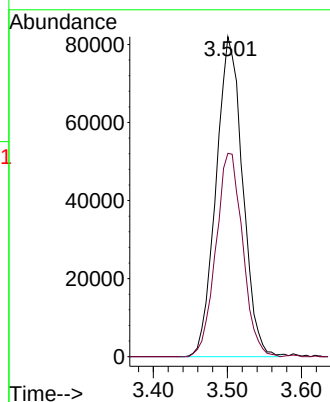
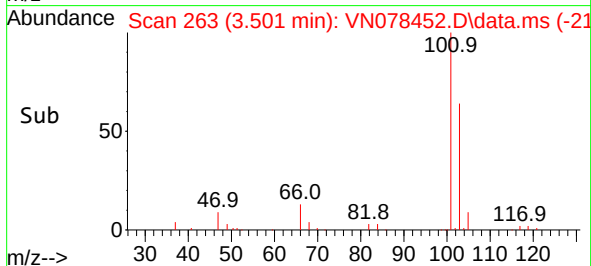
Tgt Ion:101 Resp: 204564
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.7 76.1

Manual Integrations

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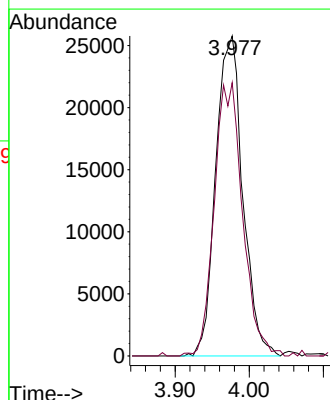
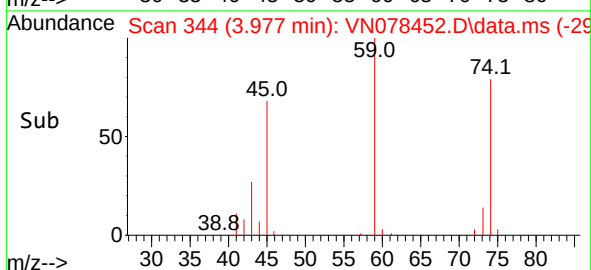
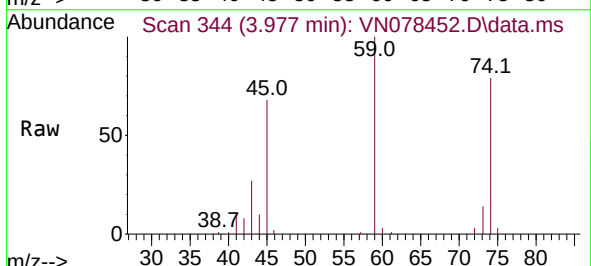
Reviewed By :John Carlone 07/10/2023

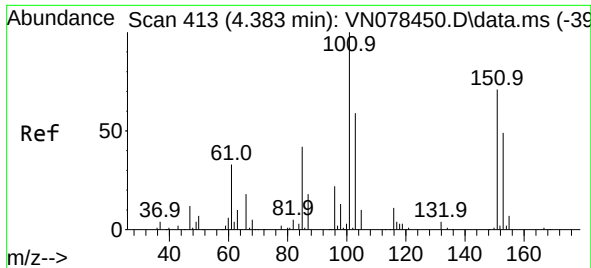
Supervised By :Mahesh Dadoda 07/11/2023



#8
 Diethyl Ether
 Concen: 18.812 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 65418
 Ion Ratio Lower Upper
 74 100
 45 89.3 34.4 103.3





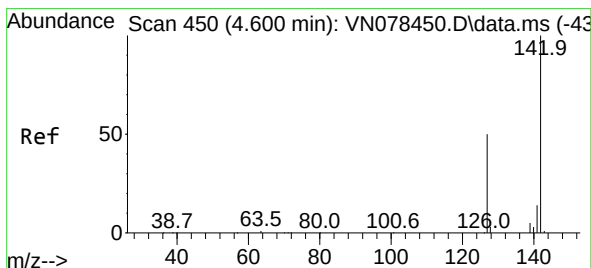
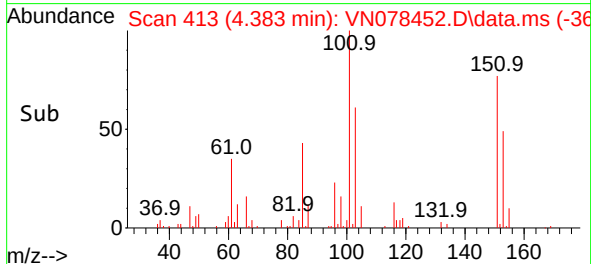
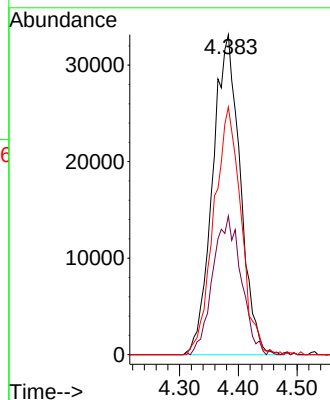
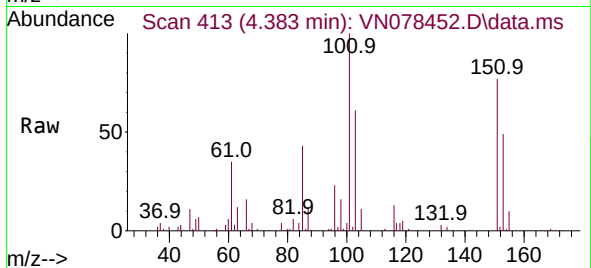
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.556 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 108045
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.4 57.6 86.4

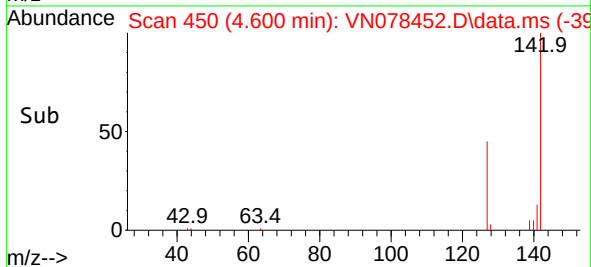
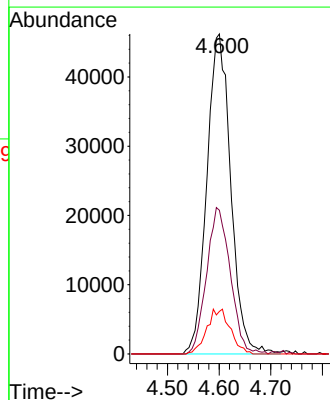
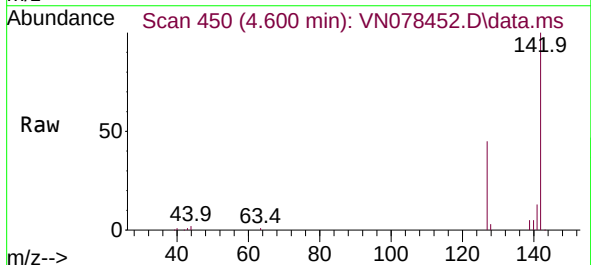
Manual Integrations
APPROVED

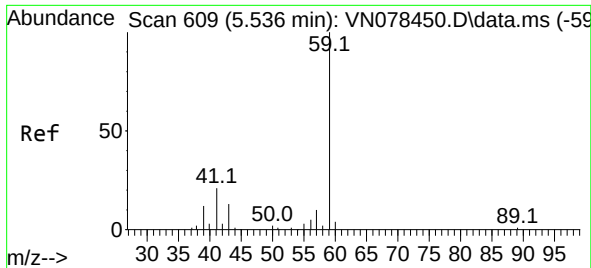
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 19.550 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

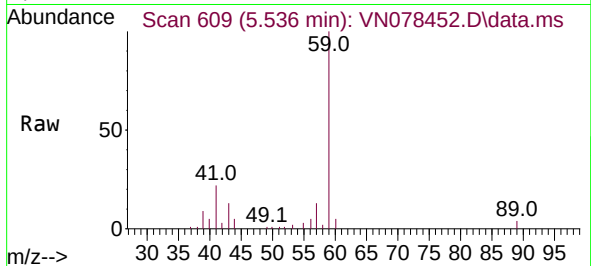
Tgt Ion:142 Resp: 148429
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 99.270 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

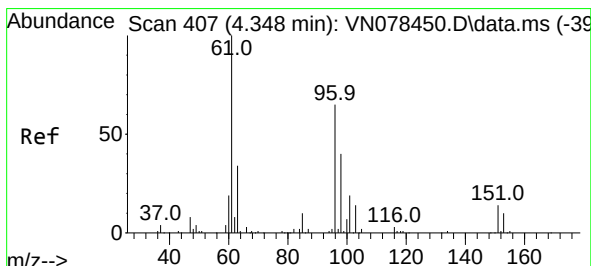
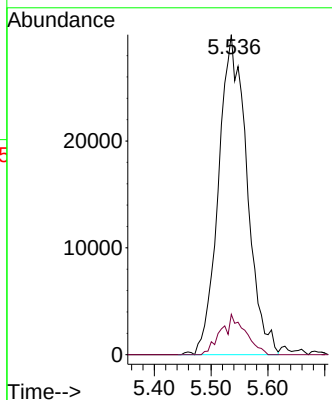
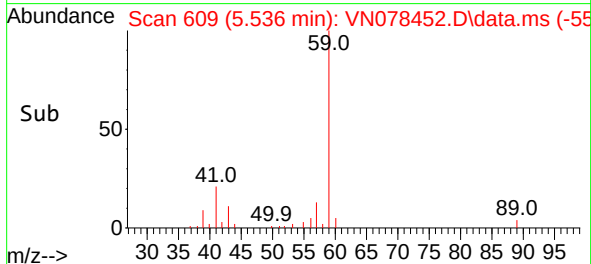
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 103940
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

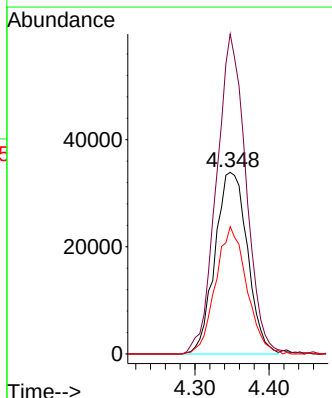
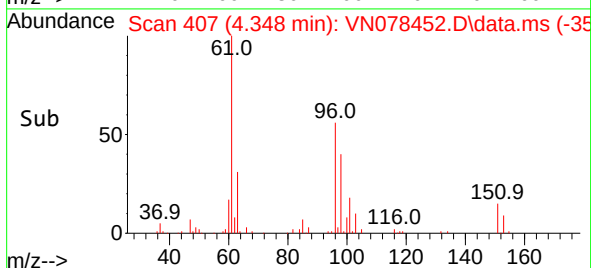
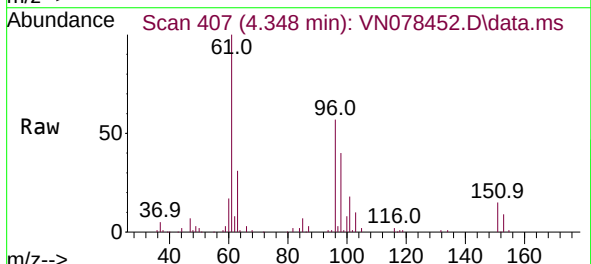
Manual Integrations
APPROVED

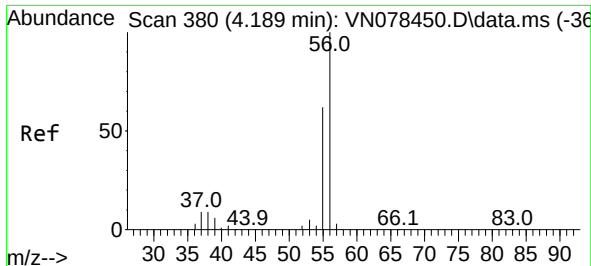
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1-Dichloroethene
Concen: 19.286 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

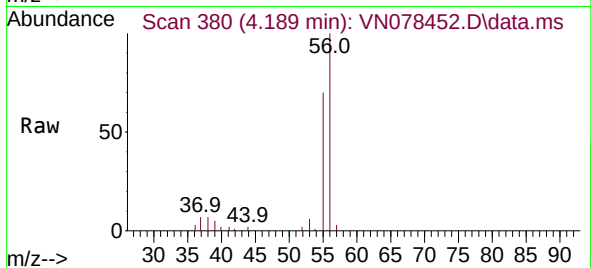
Tgt Ion: 96 Resp: 103072
Ion Ratio Lower Upper
96 100
61 176.2 112.7 169.1#
98 70.1 51.2 76.8





#13
Acrolein
Concen: 99.334 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

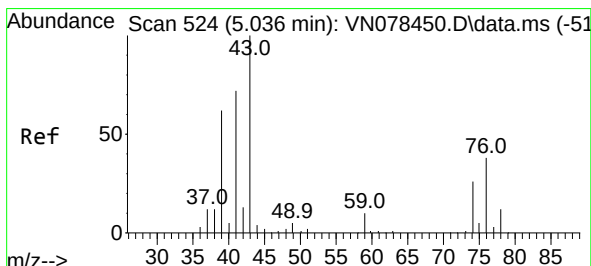
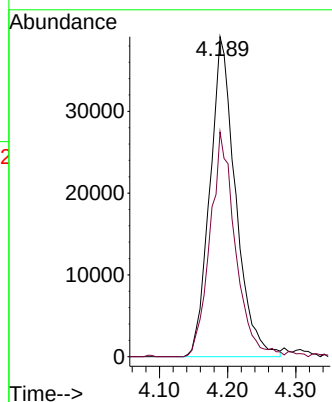
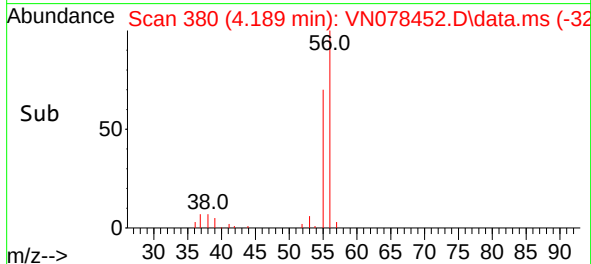
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



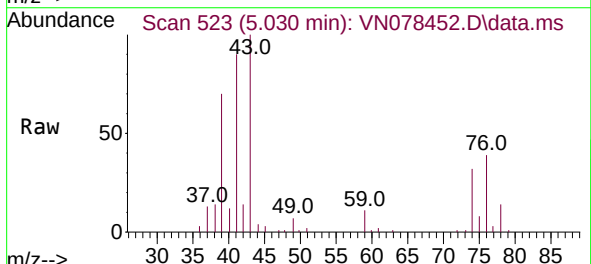
Tgt Ion: 56 Resp: 102329
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

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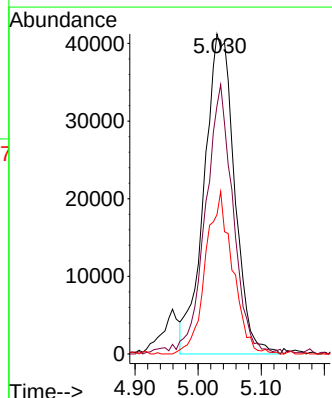
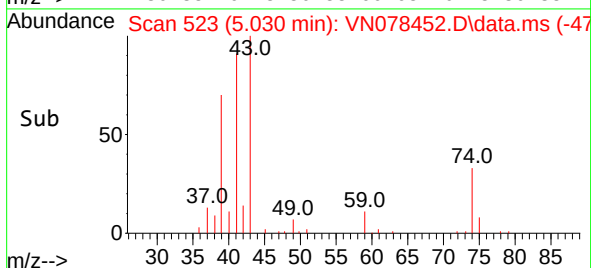
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

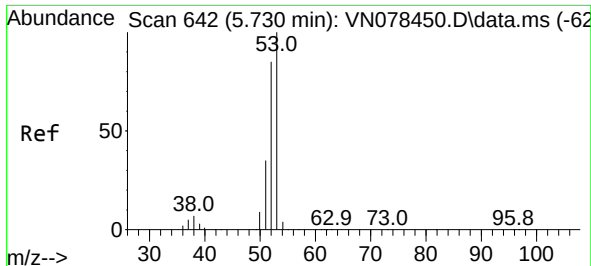


#14
Allyl chloride
Concen: 18.892 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



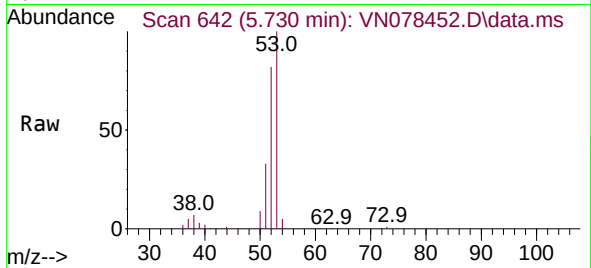
Tgt Ion: 41 Resp: 137963
Ion Ratio Lower Upper
41 100
39 76.5 58.8 88.2
76 45.2 39.1 58.7





#15
Acrylonitrile
Concen: 99.847 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

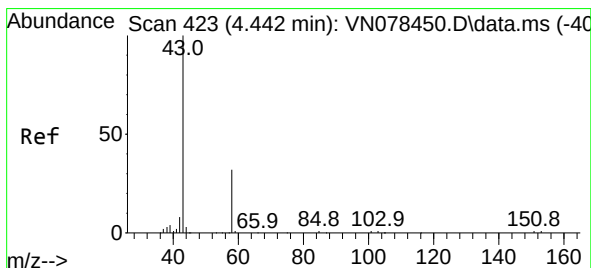
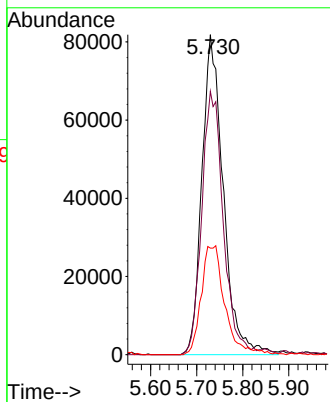
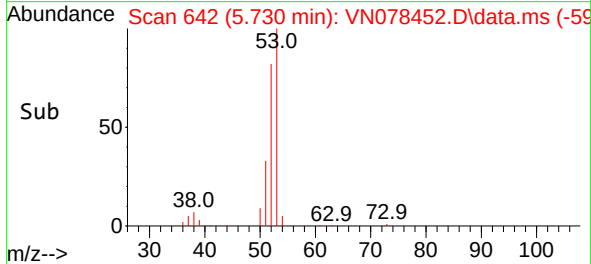
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



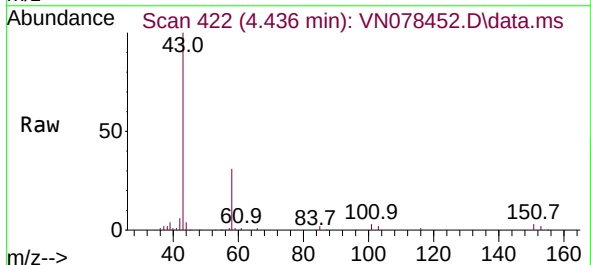
Tgt Ion: 53 Resp: 26414
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 37.3 28.9 43.3

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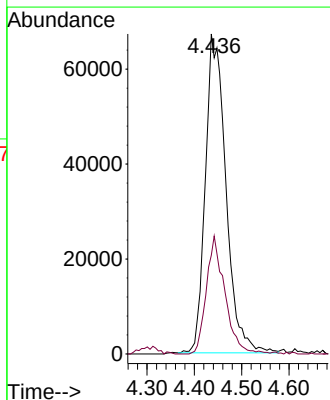
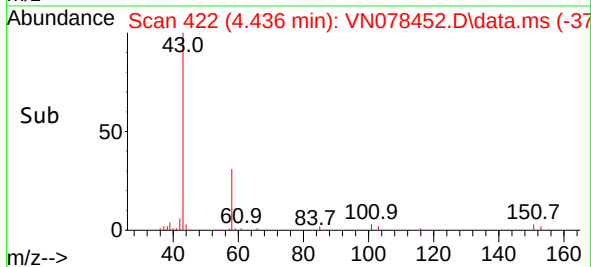
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

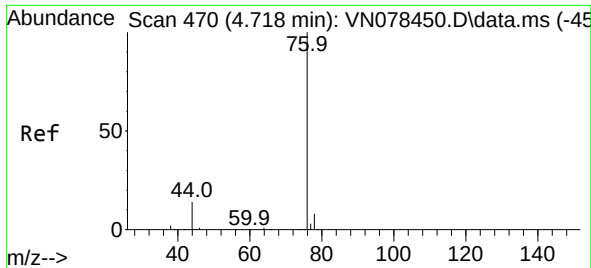


#16
Acetone
Concen: 95.797 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion: 43 Resp: 202621
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





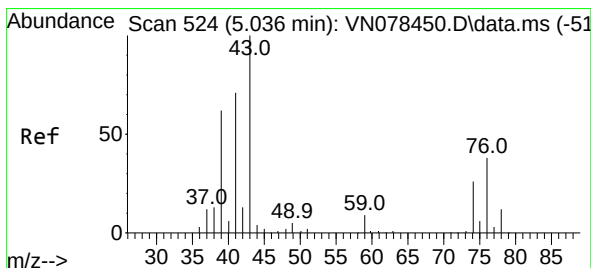
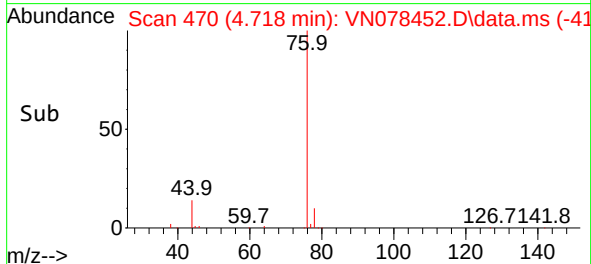
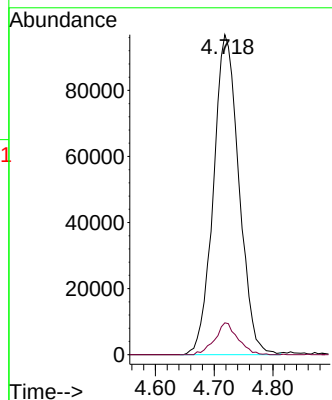
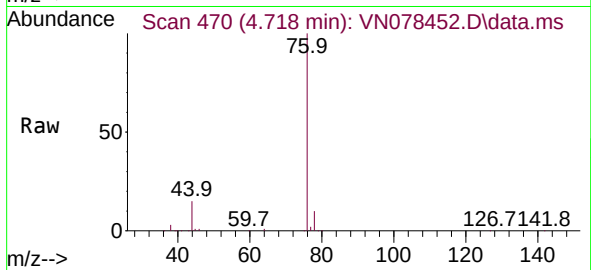
#17
Carbon Disulfide
Concen: 18.915 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 292314
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

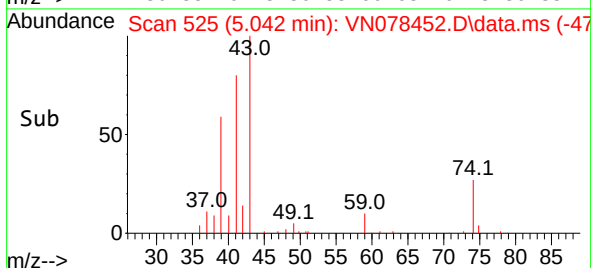
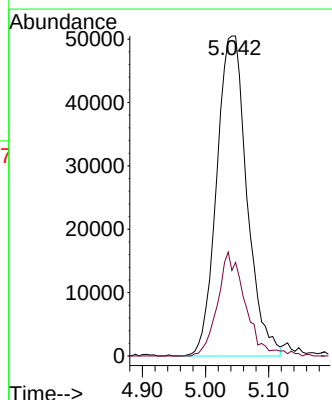
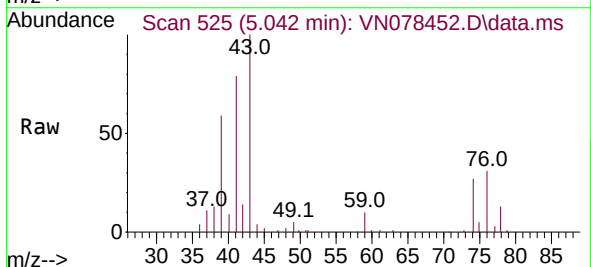
Manual Integrations
APPROVED

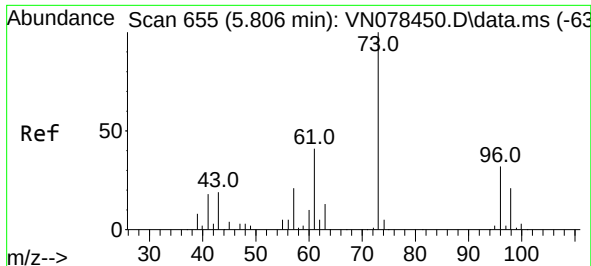
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 18.766 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion: 43 Resp: 168020
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4





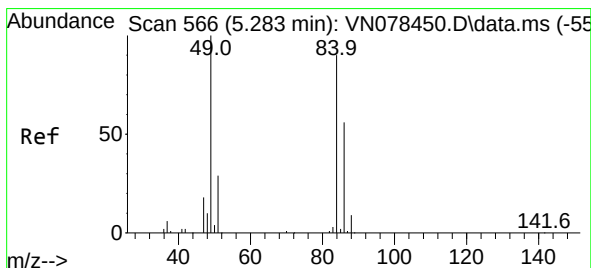
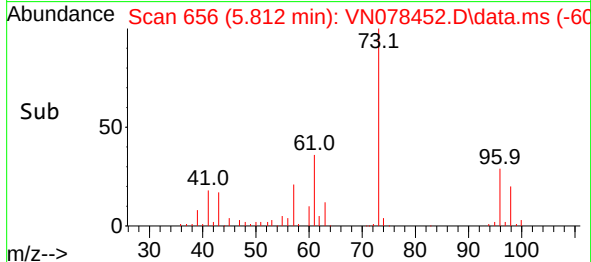
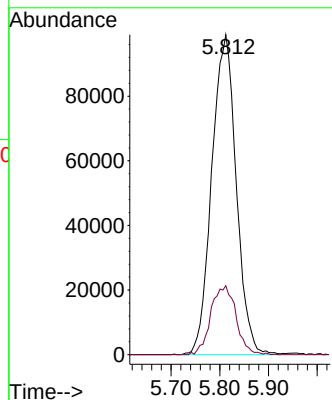
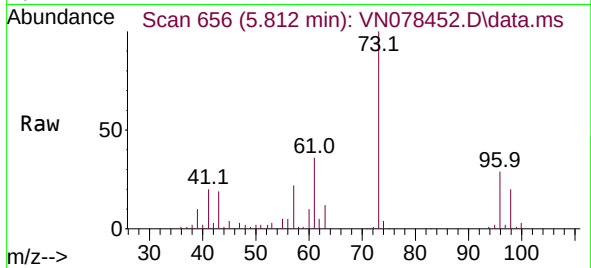
#19
Methyl tert-butyl Ether
Concen: 19.602 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 34517
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

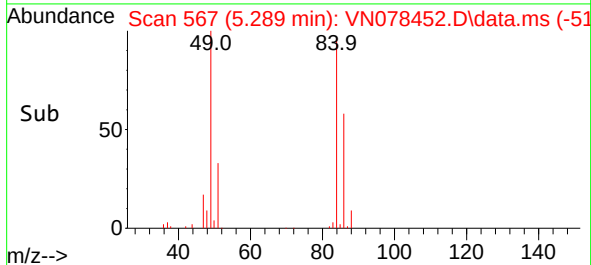
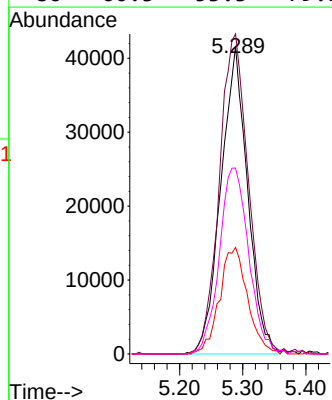
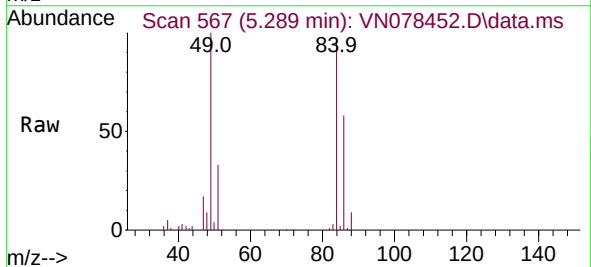
Manual Integrations
APPROVED

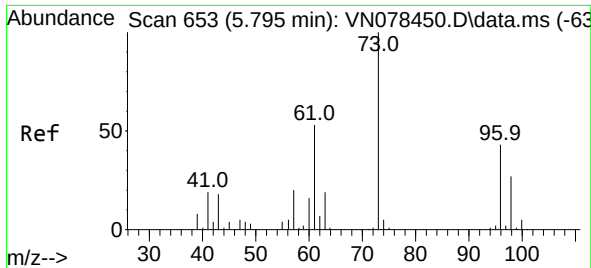
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 19.056 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

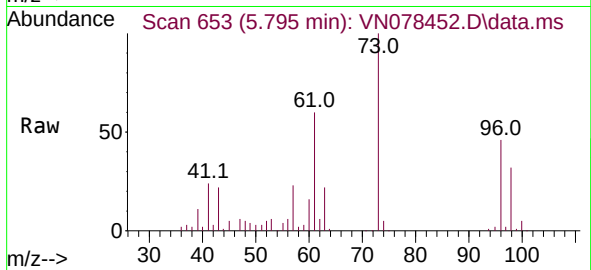
Tgt Ion: 84 Resp: 122115
Ion Ratio Lower Upper
84 100
49 103.9 79.7 119.5
51 34.6 25.2 37.8
86 60.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.532 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

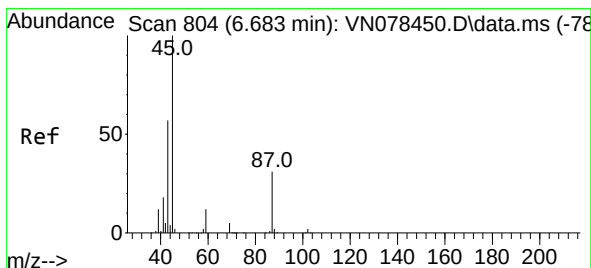
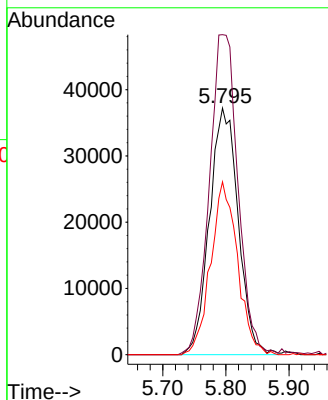
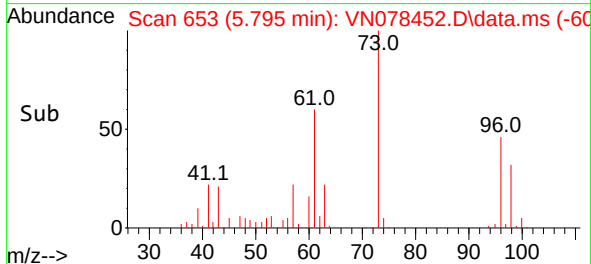
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



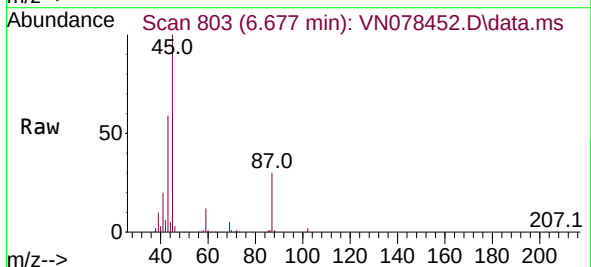
Tgt Ion: 96 Resp: 117630
Ion Ratio Lower Upper
96 100
61 129.8 90.1 135.1
98 70.1 46.4 69.6

Manual Integrations
APPROVED

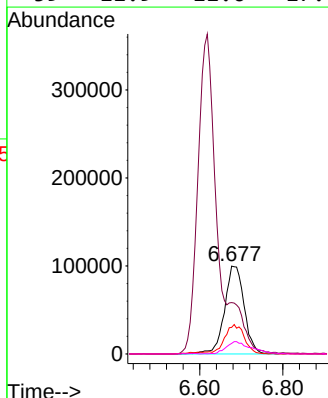
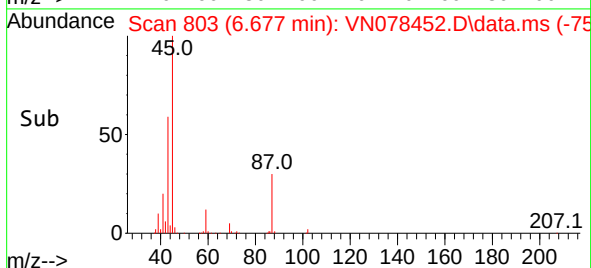
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

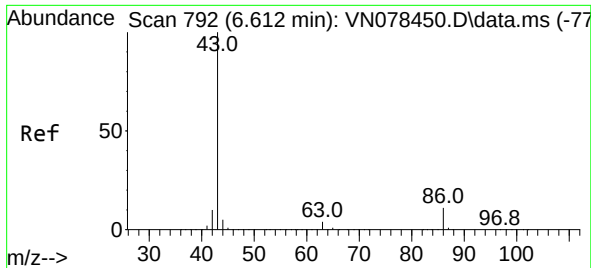


#22
Diisopropyl ether
Concen: 19.982 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion: 45 Resp: 326748
Ion Ratio Lower Upper
45 100
43 58.3 45.5 68.3
87 30.3 31.8 47.8#
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 101.229 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

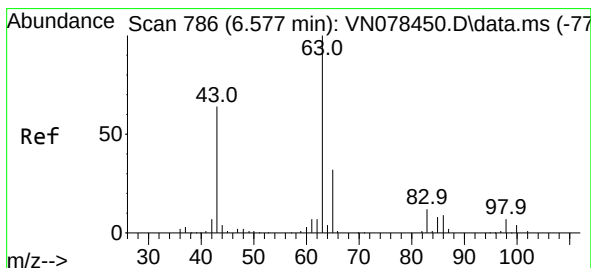
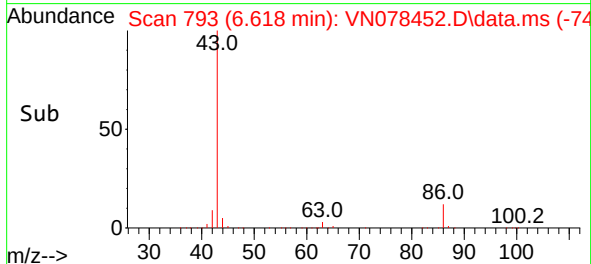
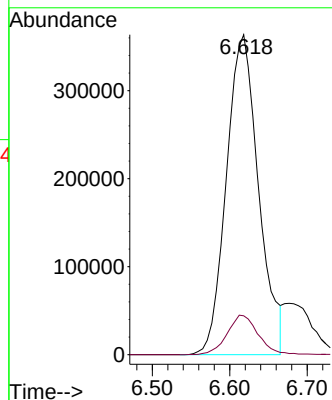
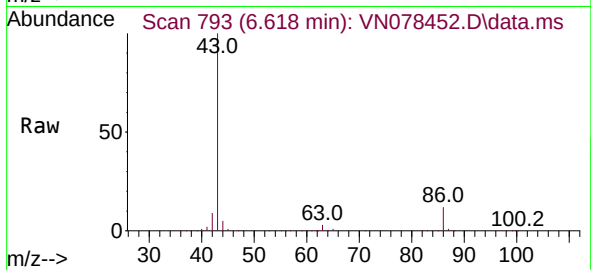
VSTDICC020

Tgt Ion: 43 Resp: 1052338
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations

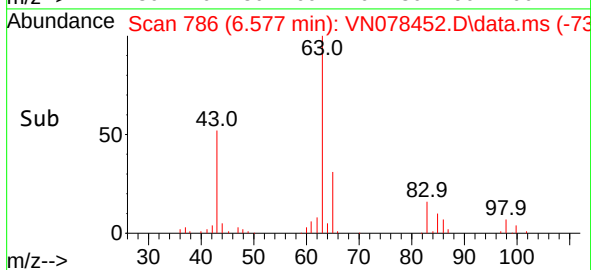
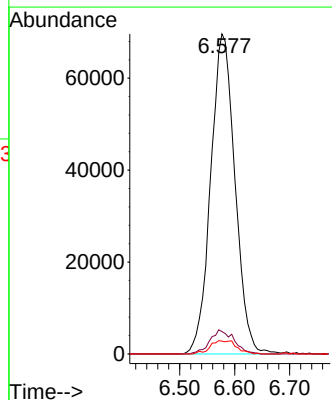
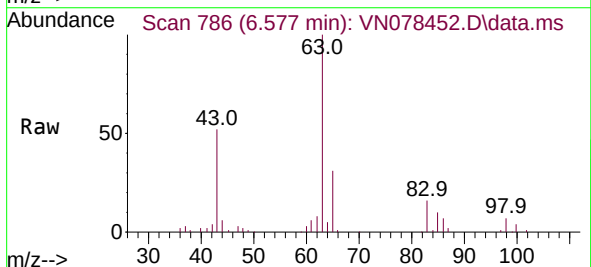
APPROVED

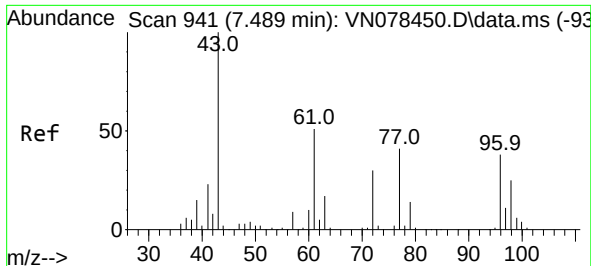
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 19.418 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

Tgt Ion: 63 Resp: 213961
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.0 2.5 7.4





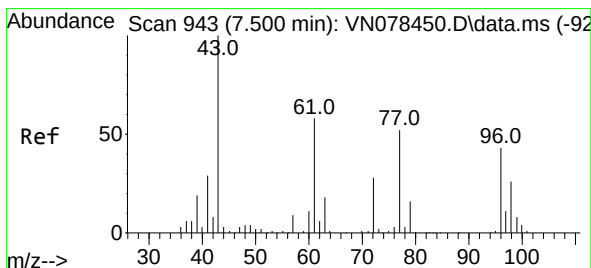
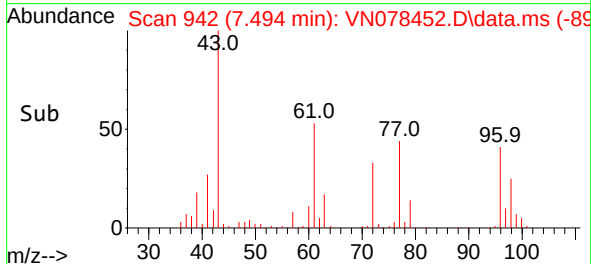
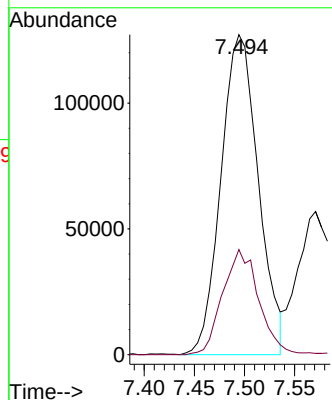
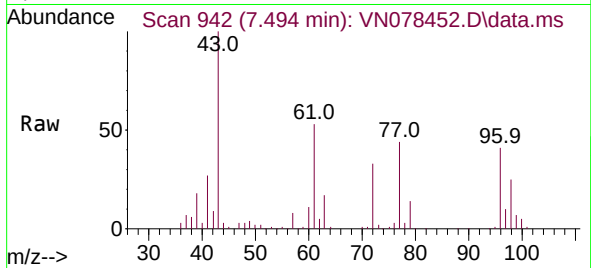
#25
2-Butanone
Concen: 99.149 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 33011
Ion Ratio Lower Upper
43 100
72 33.0 30.2 45.2

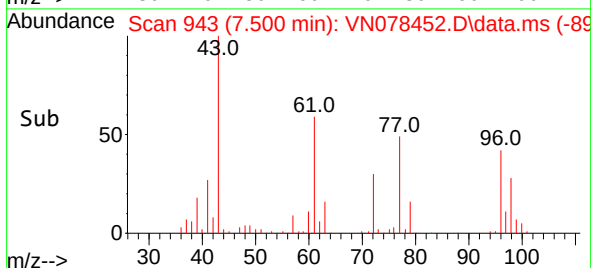
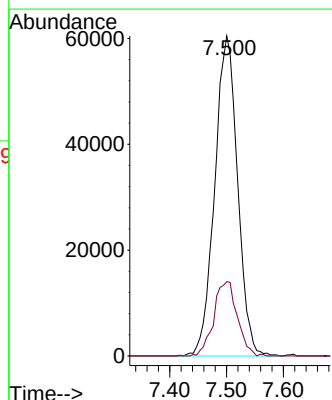
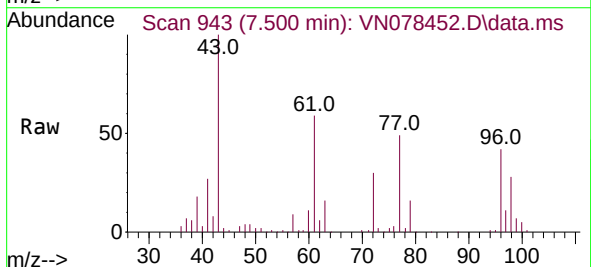
Manual Integrations
APPROVED

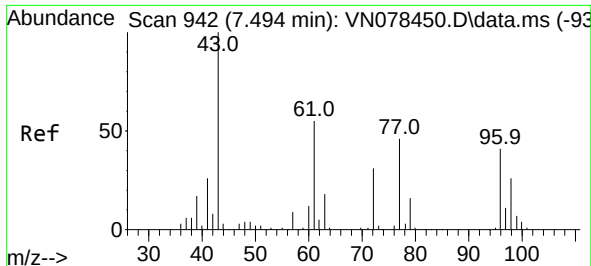
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 18.773 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

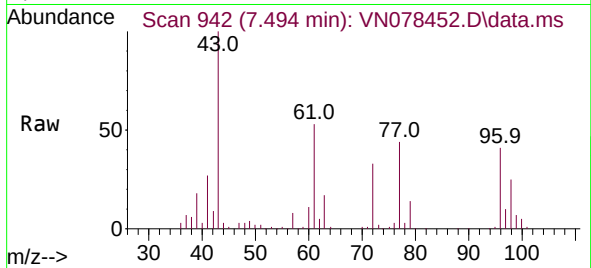
Tgt Ion: 77 Resp: 169178
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.797 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

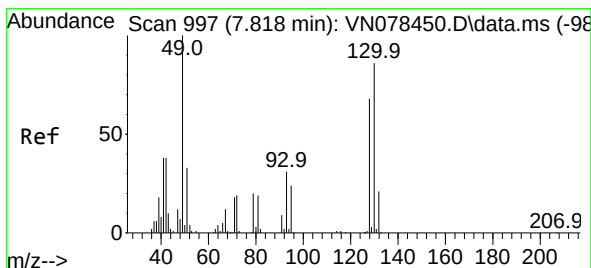
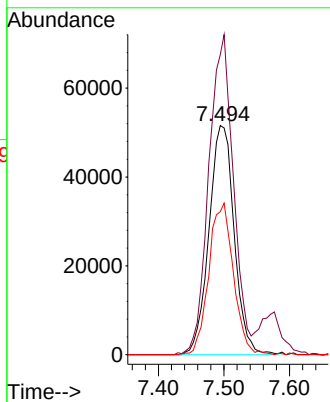
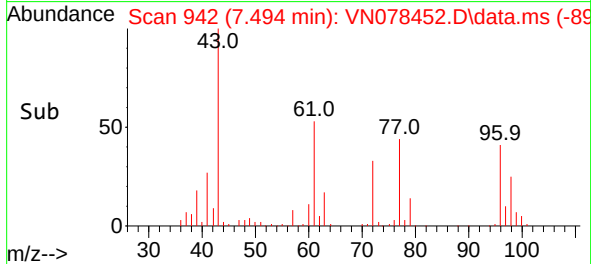
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



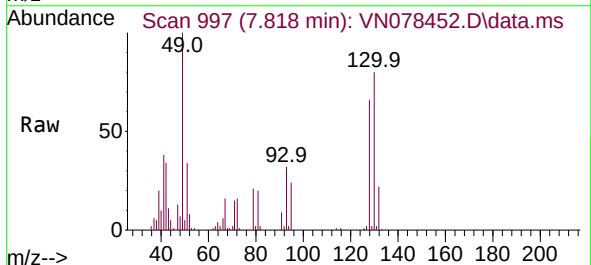
Tgt Ion: 96 Resp: 13792
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 255.2
 98 64.4 0.0 128.8

Manual Integrations
 APPROVED

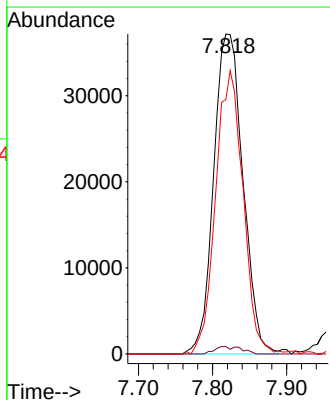
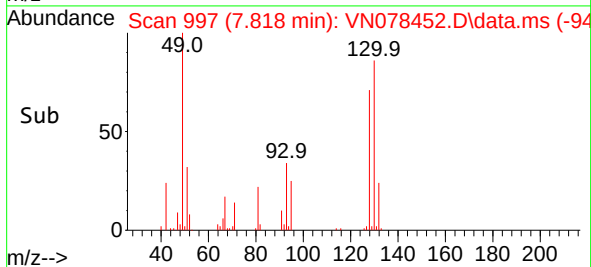
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

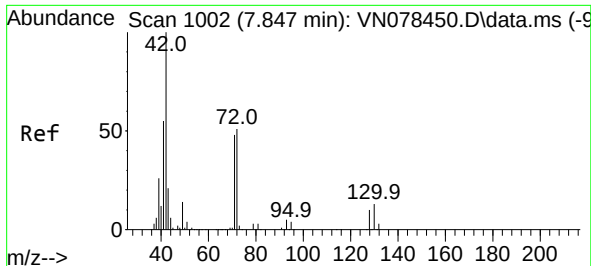


#28
 Bromochloromethane
 Concen: 19.662 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34



Tgt Ion: 49 Resp: 102041
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 82.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 97.421 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

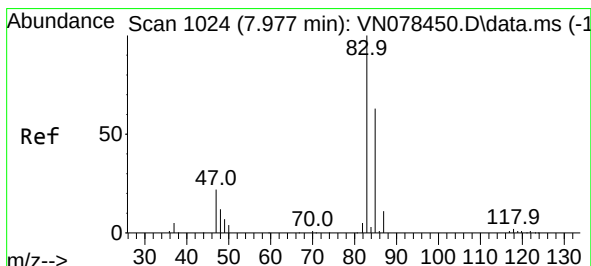
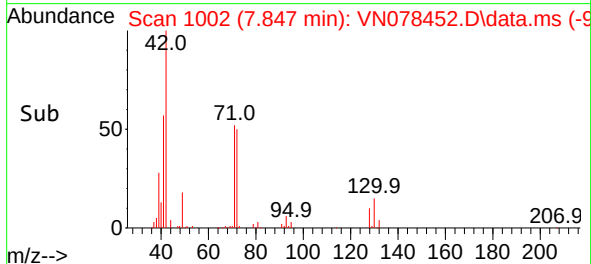
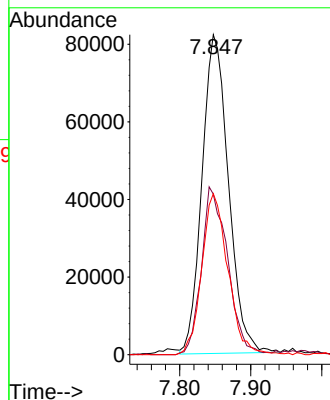
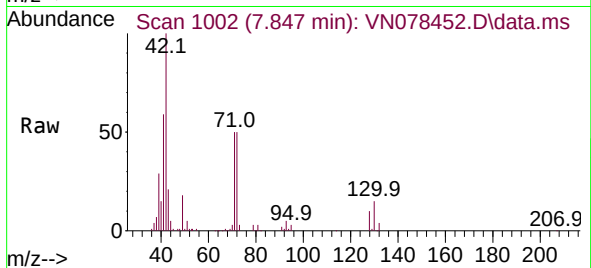
Tgt Ion: 42 Resp: 21283
 Ion Ratio Lower Upper
 42 100
 72 51.9 49.8 74.6
 71 50.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 19.736 ug/l

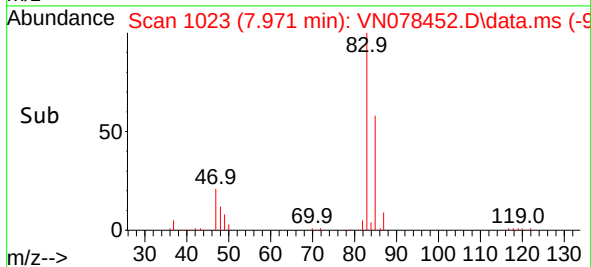
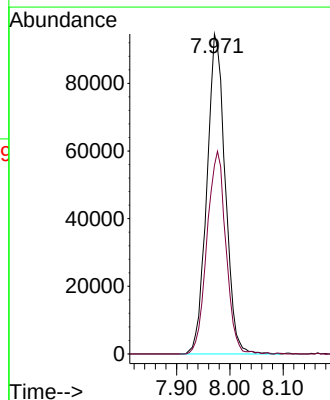
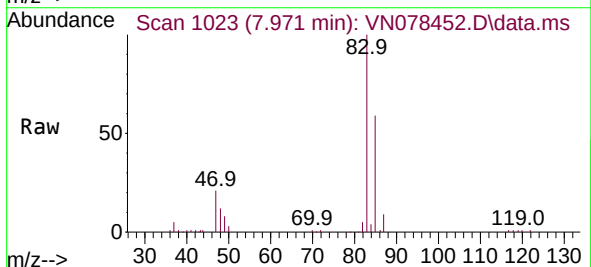
RT: 7.971 min Scan# 1023

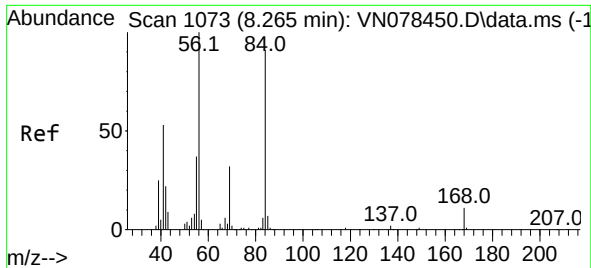
Delta R.T. -0.006 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

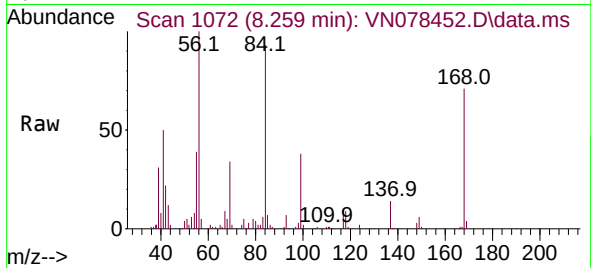
Tgt Ion: 83 Resp: 226403
 Ion Ratio Lower Upper
 83 100
 85 58.9 55.4 83.0





#31
Cyclohexane
Concen: 19.348 ug/l
RT: 8.259 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

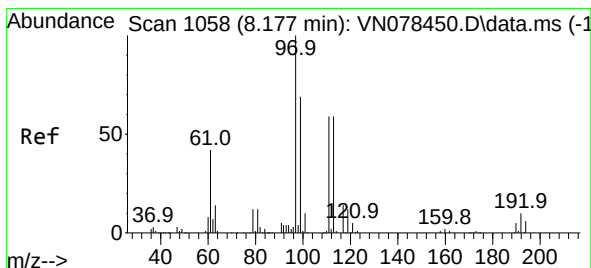
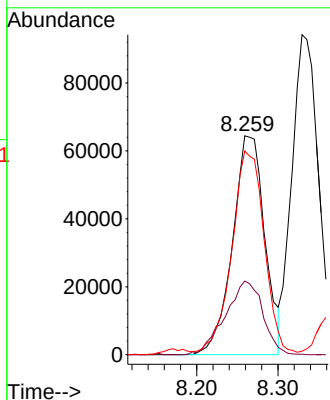
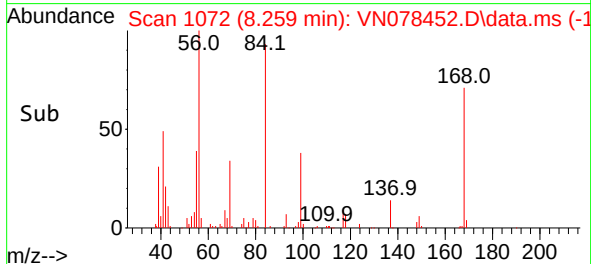
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 177544
Ion Ratio Lower Upper
56 100
69 33.6 26.8 40.2
84 91.2 81.8 122.6

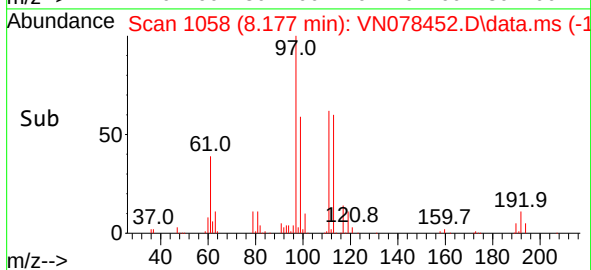
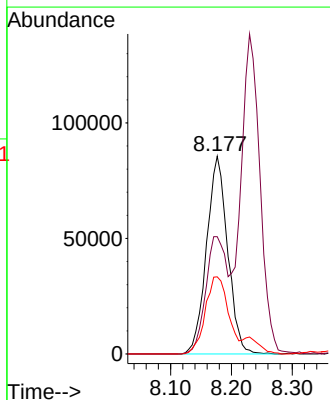
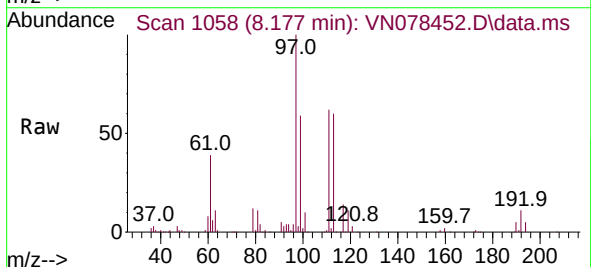
Manual Integrations
APPROVED

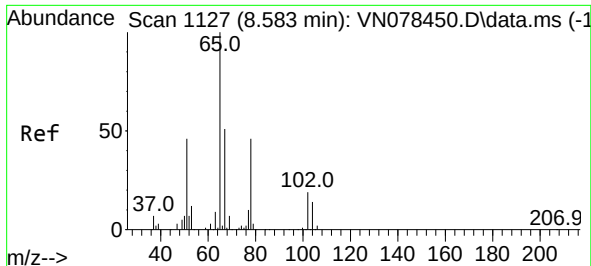
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#32
1,1,1-Trichloroethane
Concen: 20.035 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion: 97 Resp: 206056
Ion Ratio Lower Upper
97 100
99 57.8 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 20.138 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 136740

Ion Ratio Lower Upper

65 100

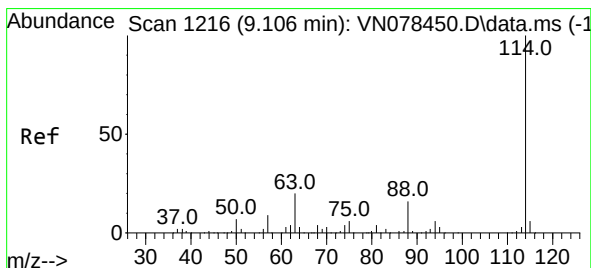
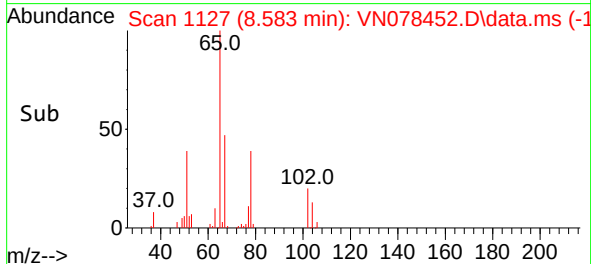
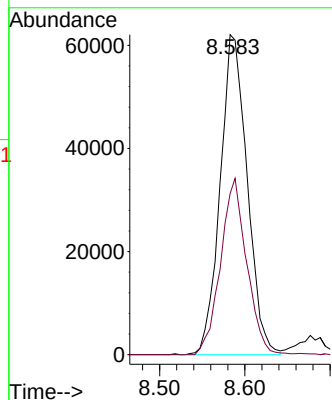
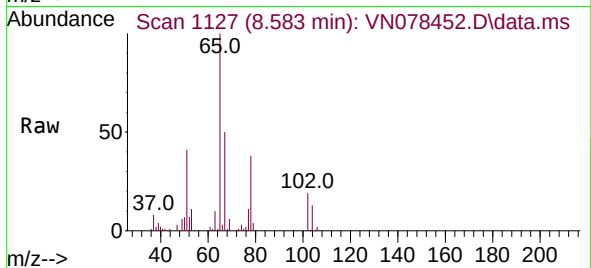
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

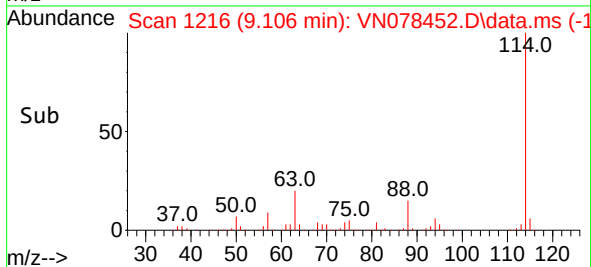
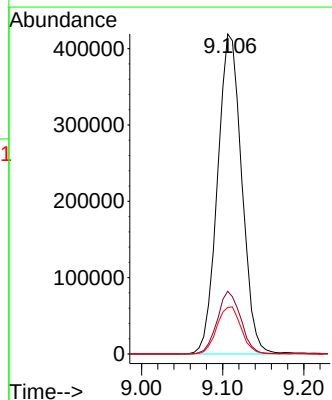
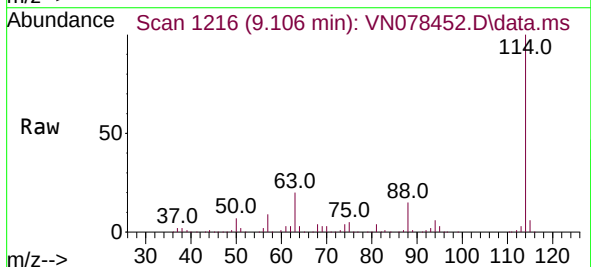
Tgt Ion:114 Resp: 868065

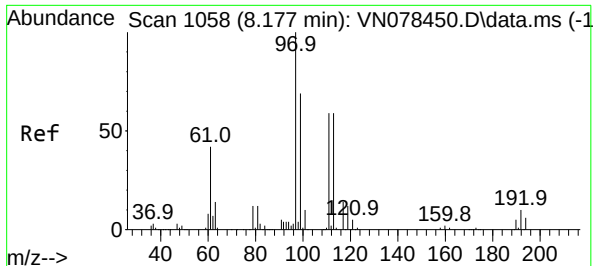
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.433 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 12040

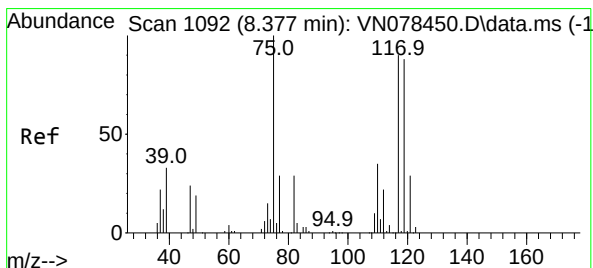
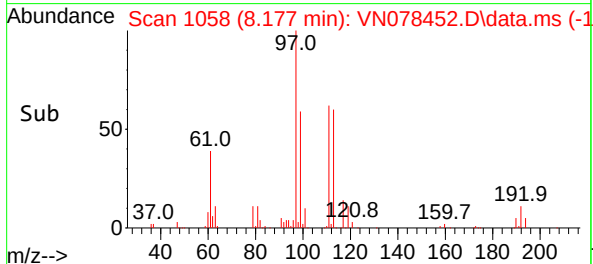
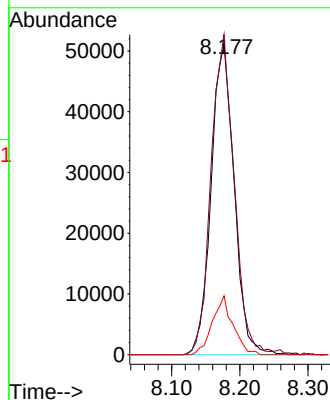
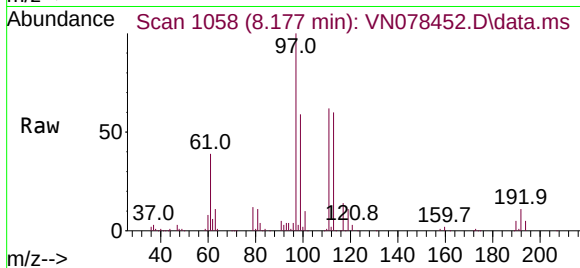
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#36

1,1-Dichloropropene

Concen: 19.566 ug/l

RT: 8.383 min Scan# 1093

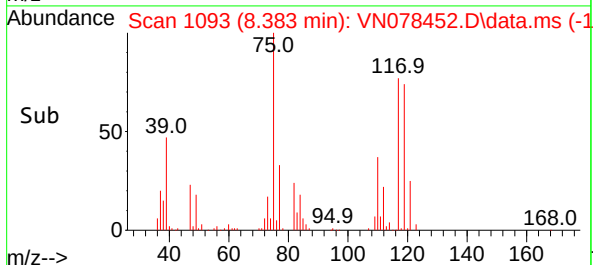
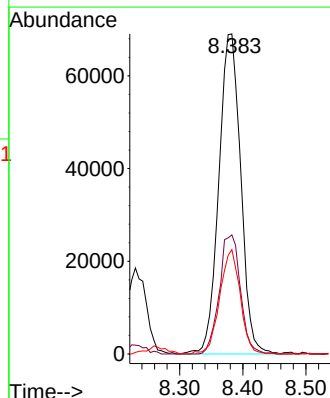
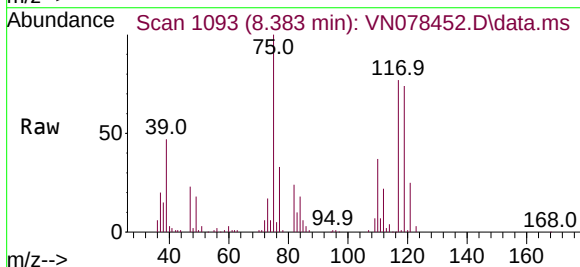
Delta R.T. 0.006 min

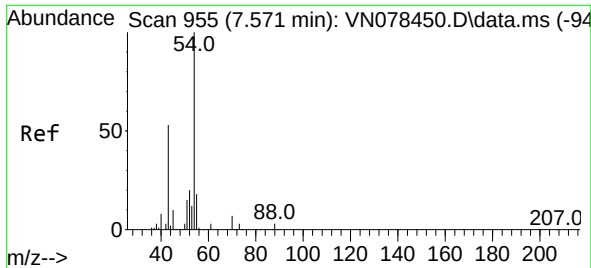
Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Tgt Ion: 75 Resp: 166479

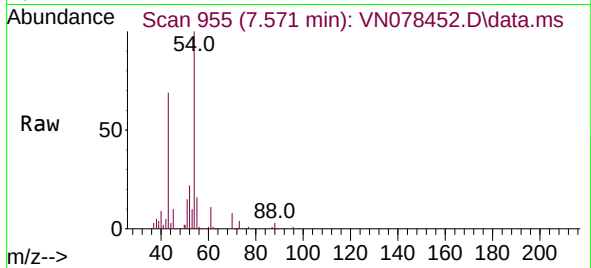
Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.1	57.3
77	30.5	25.0	37.4





#37
Ethyl Acetate
Concen: 20.811 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

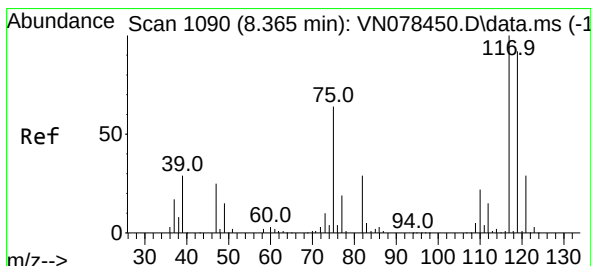
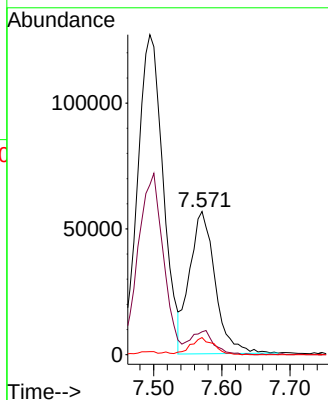
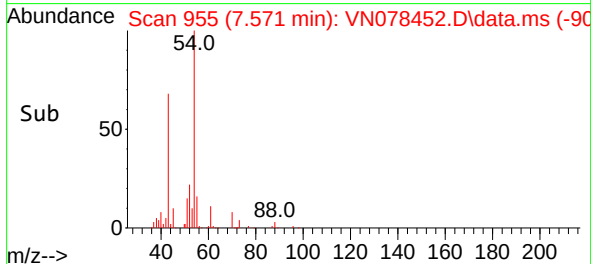
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 147608
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 10.7 11.3 16.9

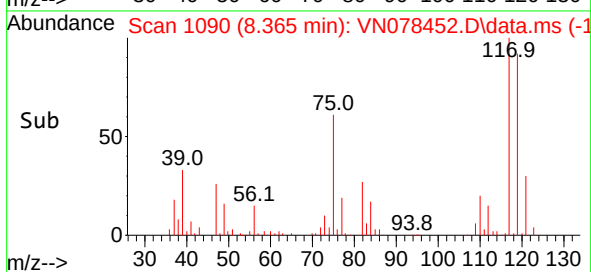
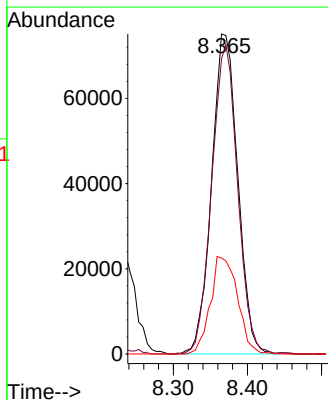
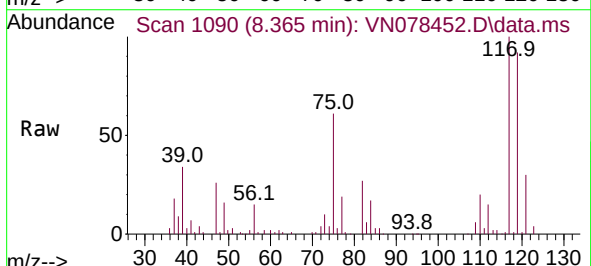
Manual Integrations
APPROVED

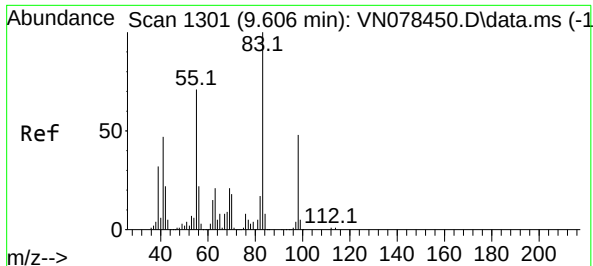
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 19.923 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion:117 Resp: 184232
Ion Ratio Lower Upper
117 100
119 92.0 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 15353

Ion Ratio Lower Upper

83 100

55 67.1 49.1 73.7

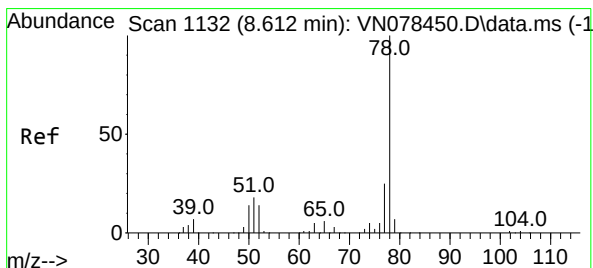
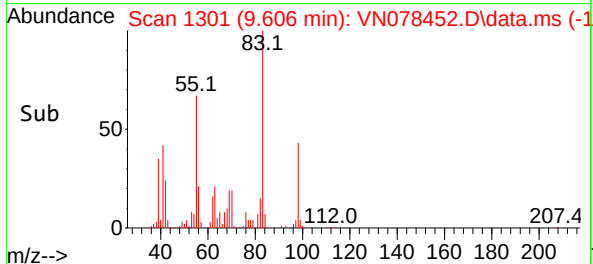
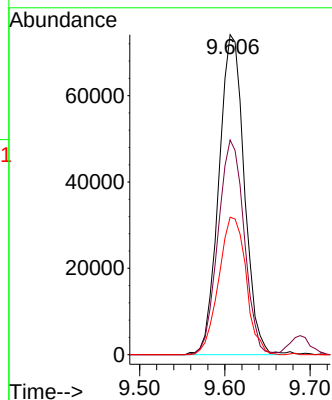
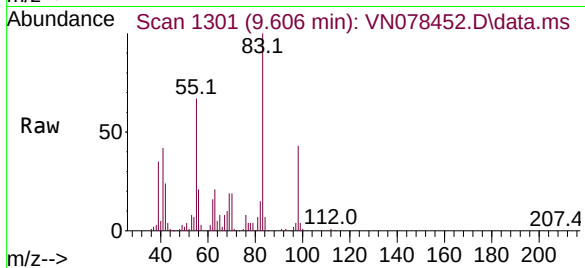
98 42.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 20.157 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078452.D

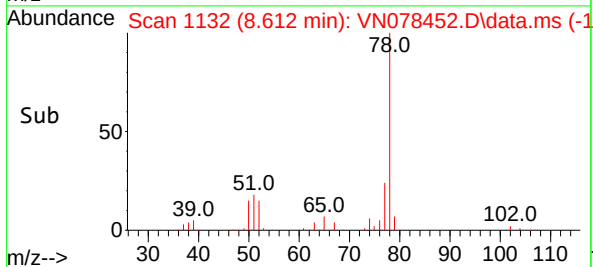
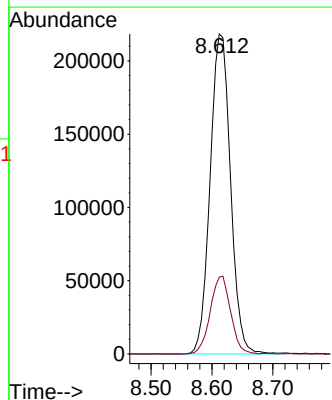
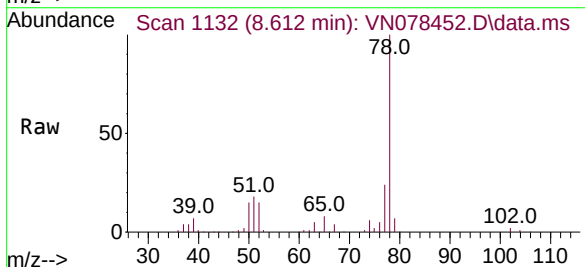
Acq: 10 Jul 2023 13:34

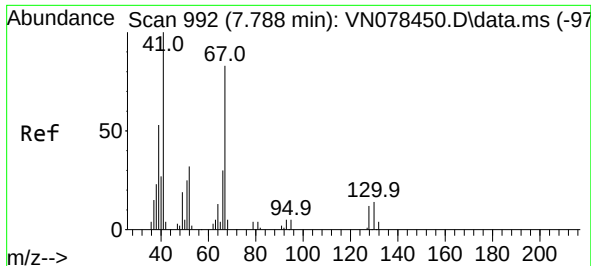
Tgt Ion: 78 Resp: 508110

Ion Ratio Lower Upper

78 100

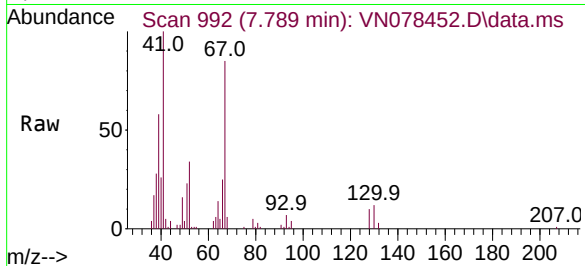
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 19.421 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

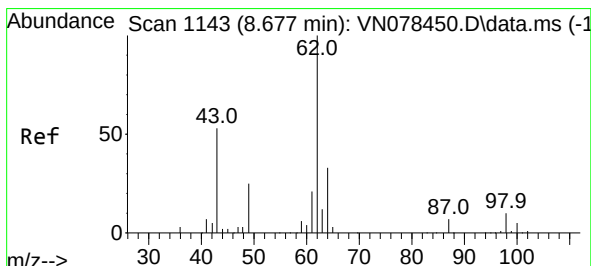
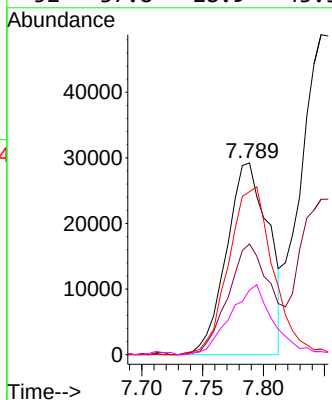
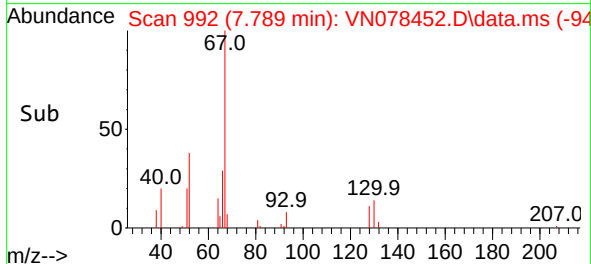
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 70224
Ion Ratio Lower Upper
41 100
39 60.2 42.6 64.0
67 93.2 77.5 116.3
52 37.8 28.9 43.3

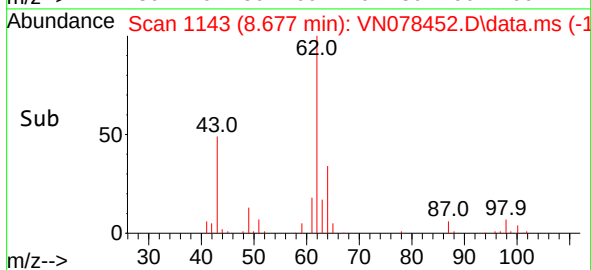
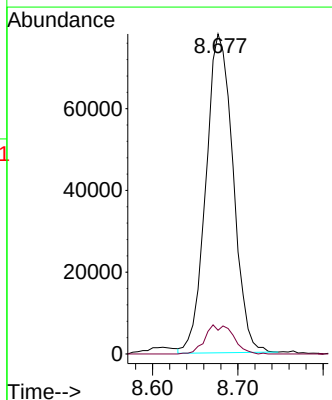
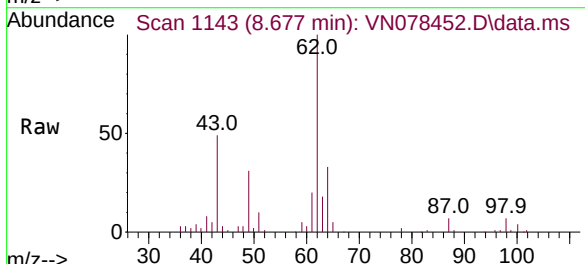
Manual Integrations
APPROVED

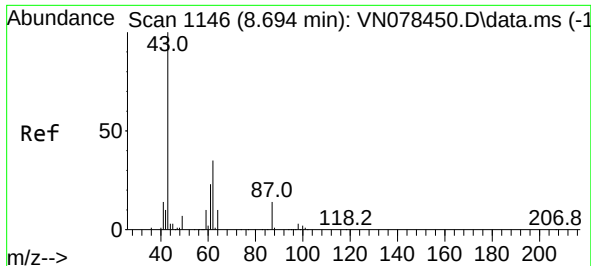
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 20.143 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

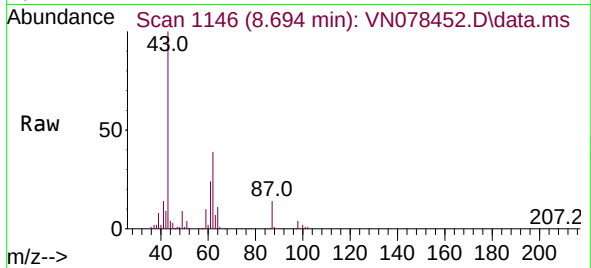
Tgt Ion: 62 Resp: 172703
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.915 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

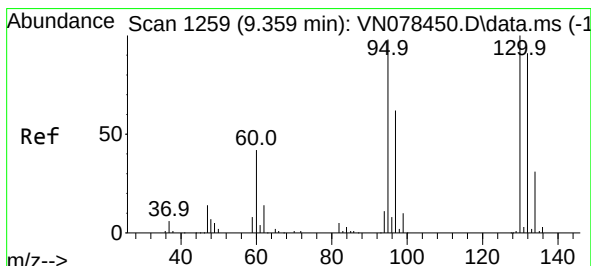
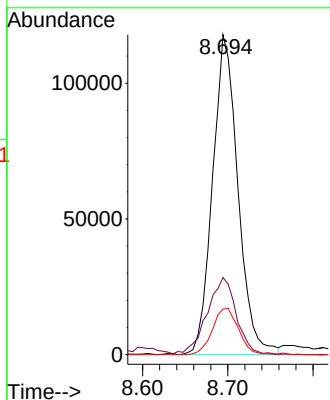
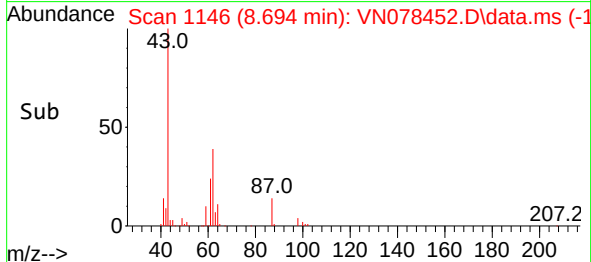
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



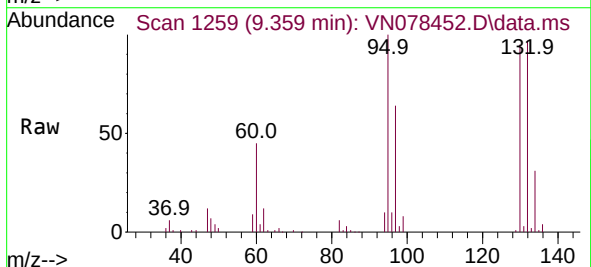
Tgt Ion: 43 Resp: 24423
Ion Ratio Lower Upper
43 100
61 27.2 24.7 37.1
87 14.9 14.6 21.8

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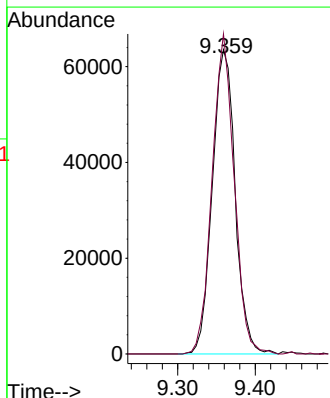
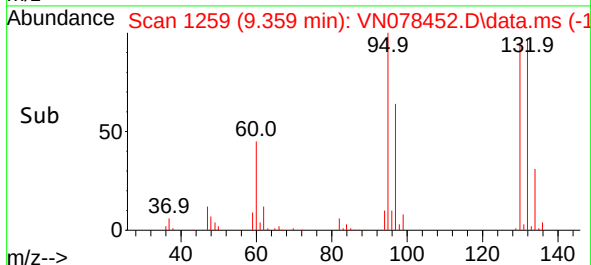
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

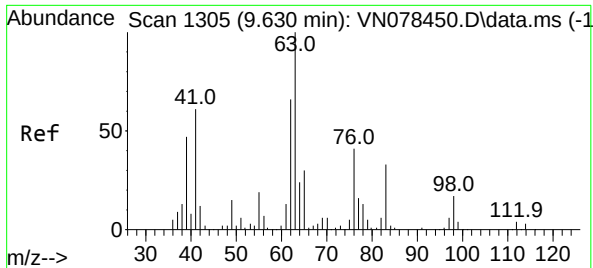


#44
Trichloroethene
Concen: 19.193 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion:130 Resp: 130391
Ion Ratio Lower Upper
130 100
95 105.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.327 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 129772

Ion Ratio Lower Upper

63 100

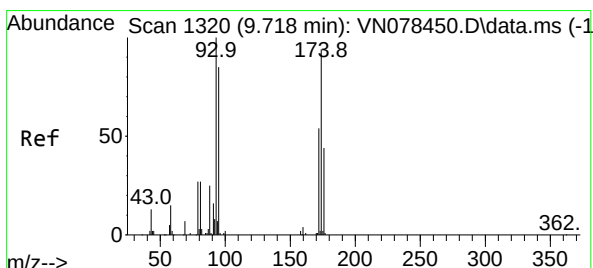
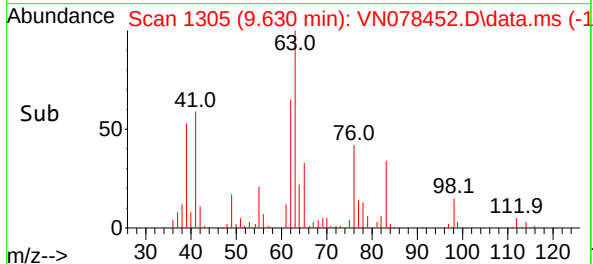
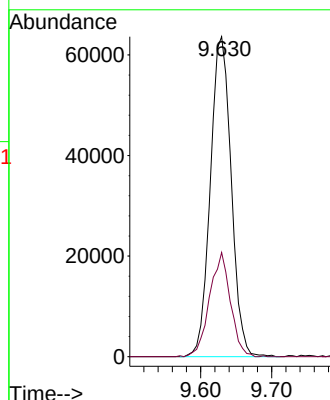
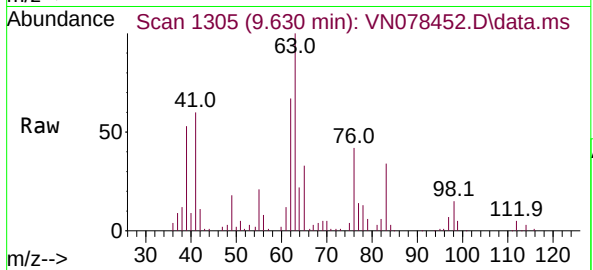
65 32.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 20.185 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

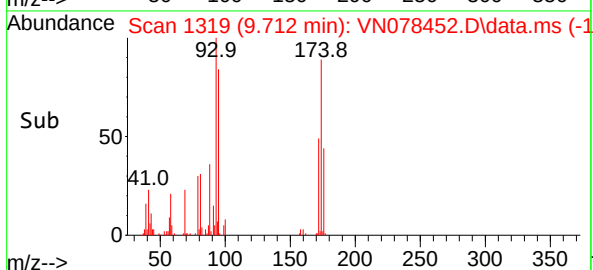
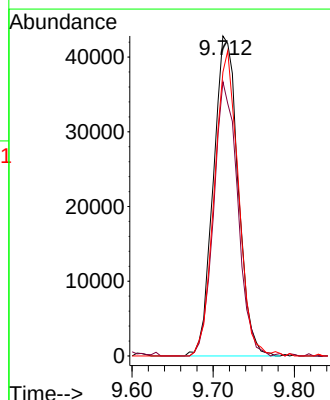
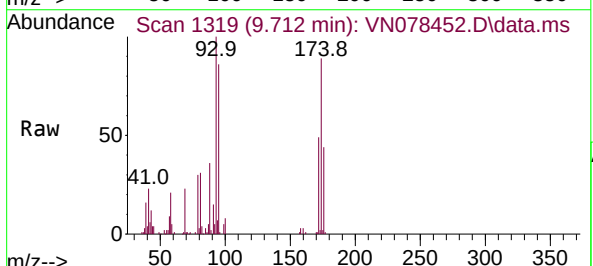
Tgt Ion: 93 Resp: 90702

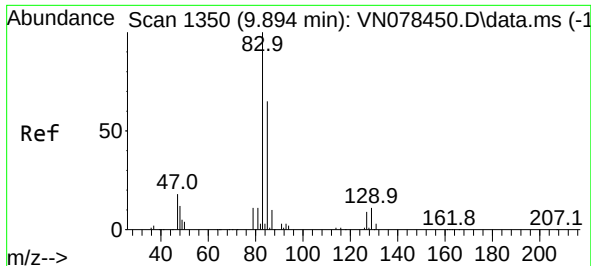
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

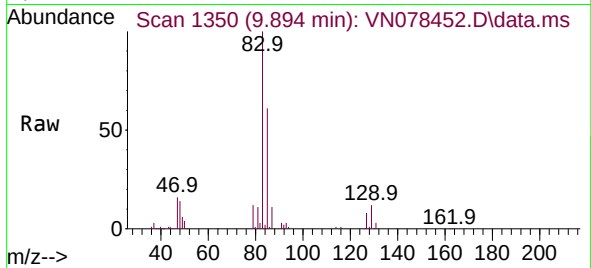
174 92.5 65.6 98.4





#47
Bromodichloromethane
Concen: 20.283 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

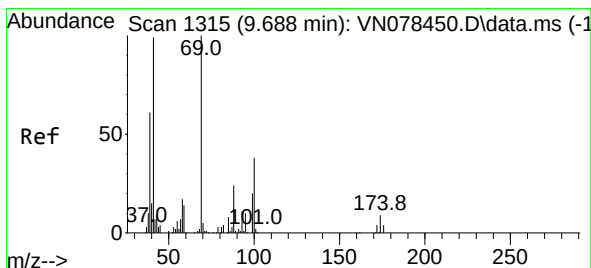
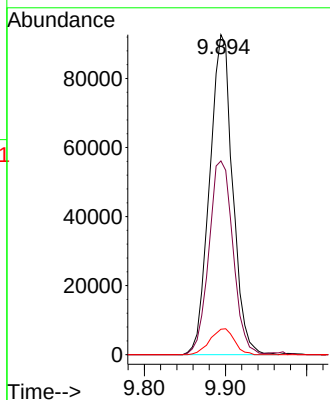
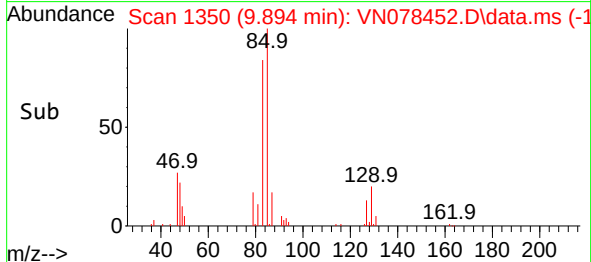
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 182702
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 8.0 7.0 10.6

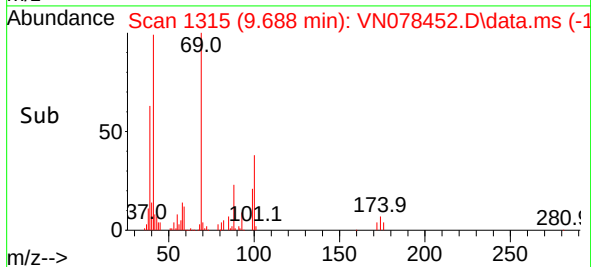
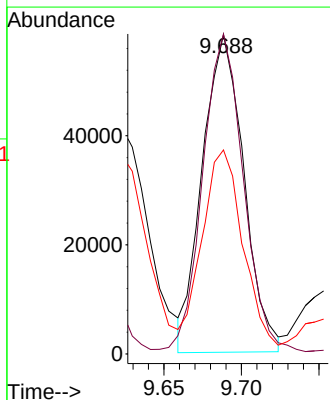
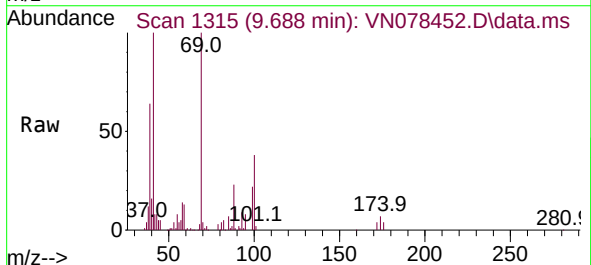
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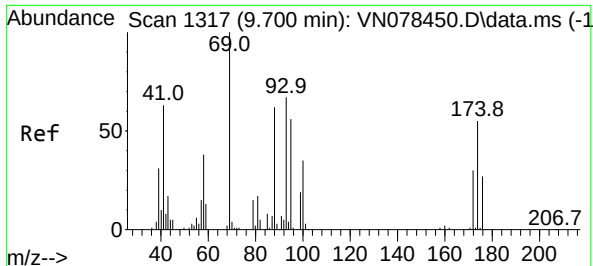
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Methyl methacrylate
Concen: 19.995 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion: 41 Resp: 108172
Ion Ratio Lower Upper
41 100
69 98.2 90.4 135.6
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 414.856 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 48940

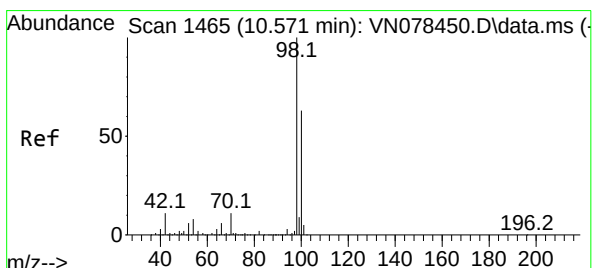
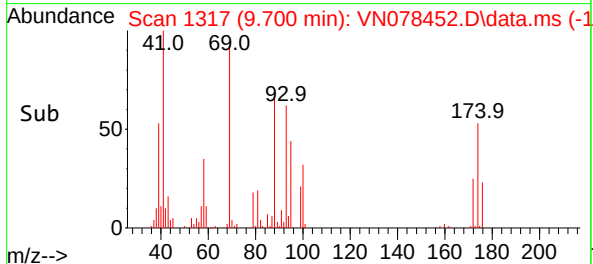
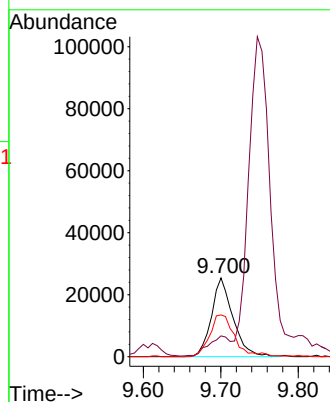
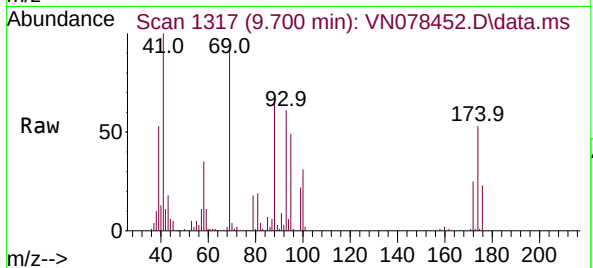
Ion	Ratio	Lower	Upper
88	100		
43	24.4	17.0	25.6
58	61.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 19.986 ug/l

RT: 10.571 min Scan# 1465

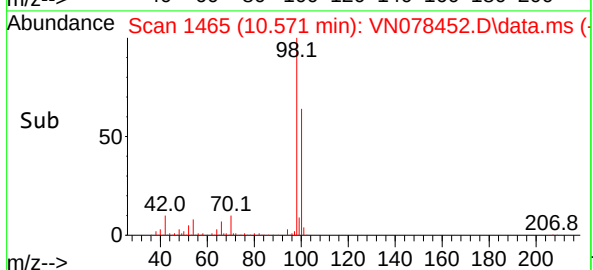
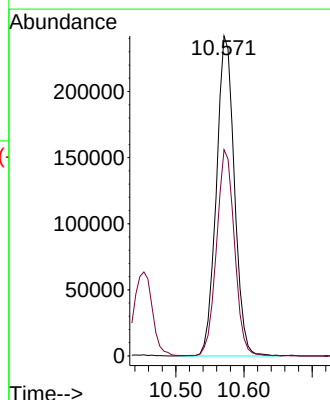
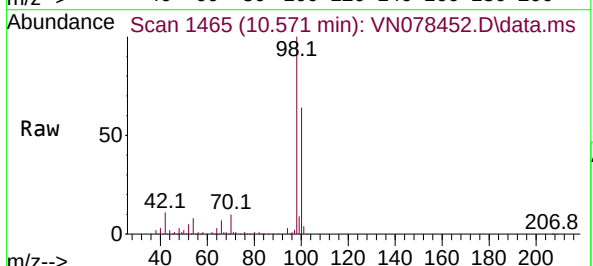
Delta R.T. -0.000 min

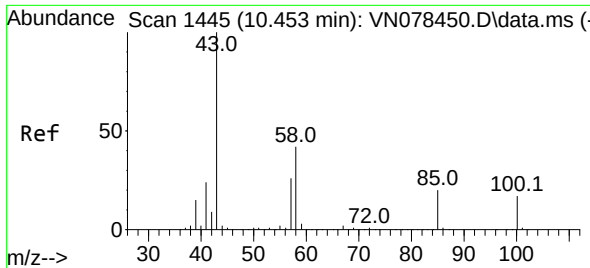
Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Tgt Ion: 98 Resp: 444912

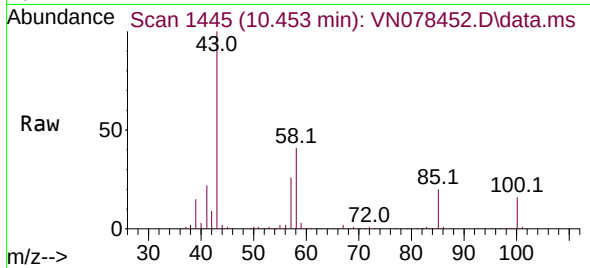
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 104.997 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

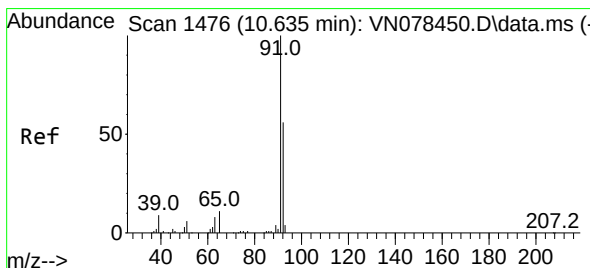
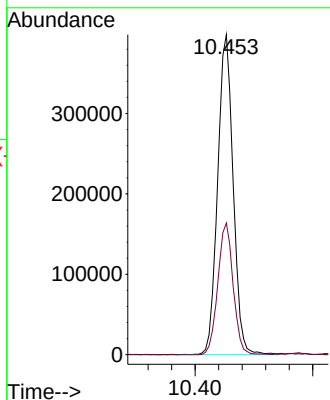
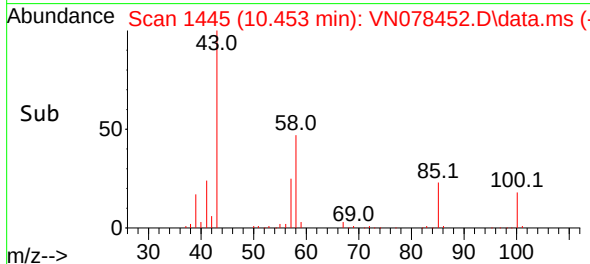
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



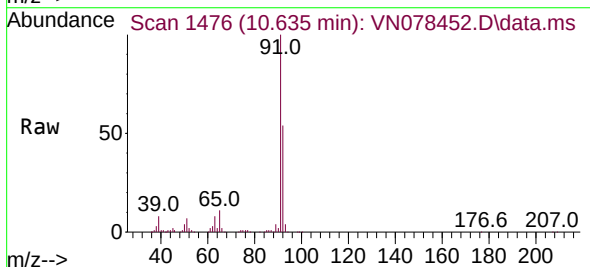
Tgt Ion: 43 Resp: 729290
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8

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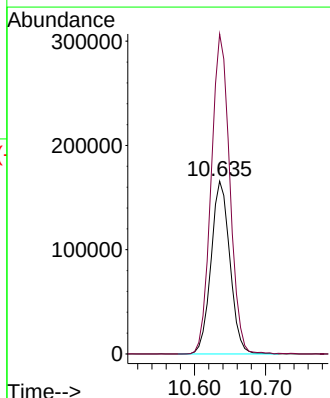
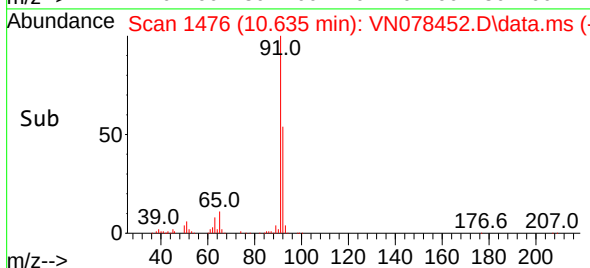
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

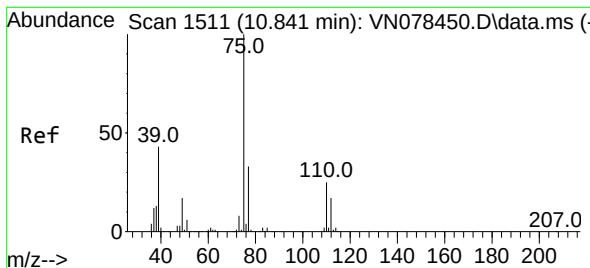


#52
Toluene
Concen: 19.519 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion: 92 Resp: 304938
Ion Ratio Lower Upper
92 100
91 183.3 137.4 206.0





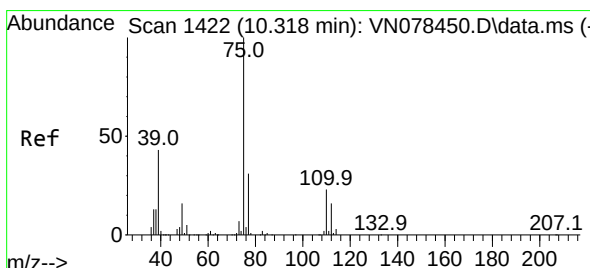
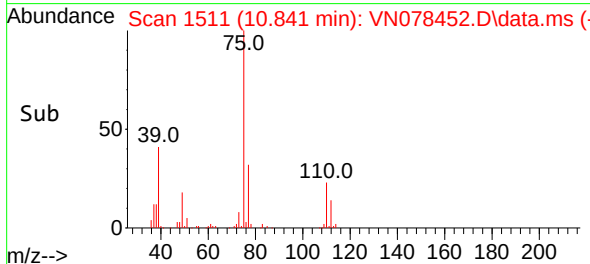
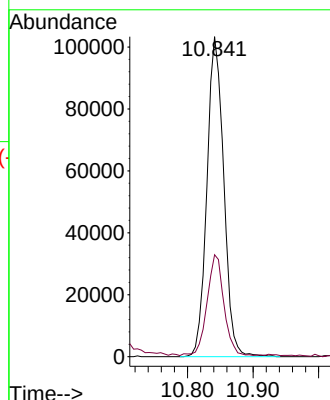
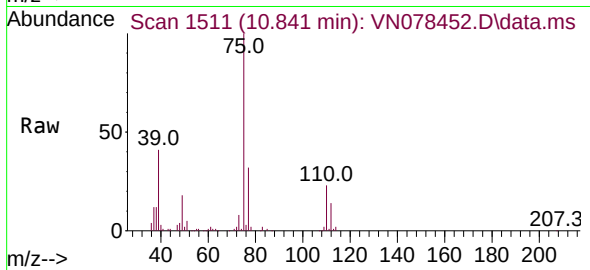
#53
t-1,3-Dichloropropene
Concen: 19.973 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 184312
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

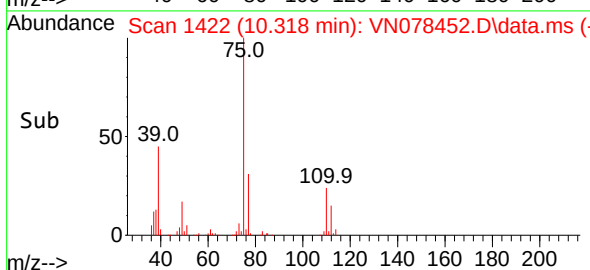
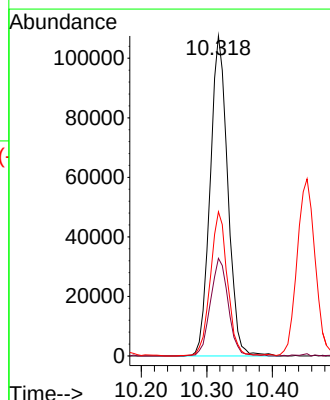
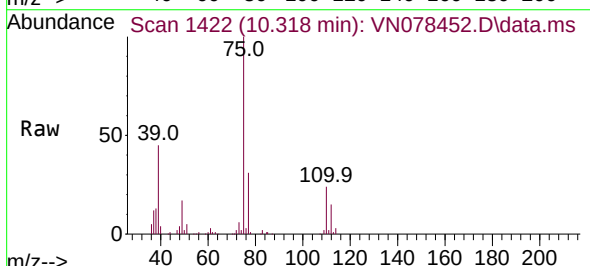
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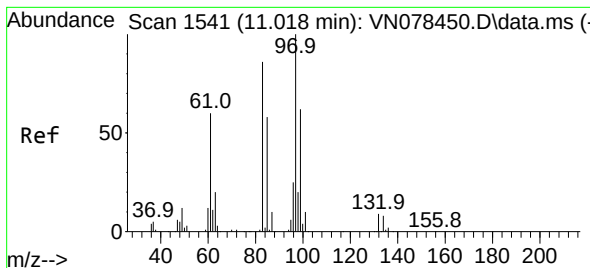
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 20.413 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion: 75 Resp: 200793
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 44.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.269 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 124764

Ion Ratio Lower Upper

97 100

83 87.3 65.1 97.7

85 51.5 43.4 65.2

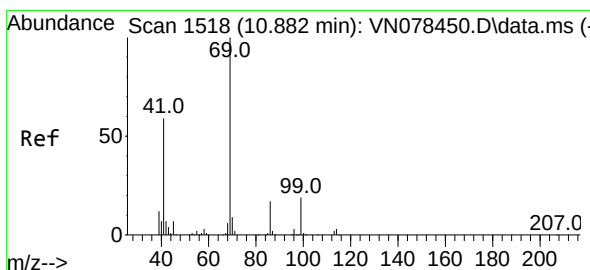
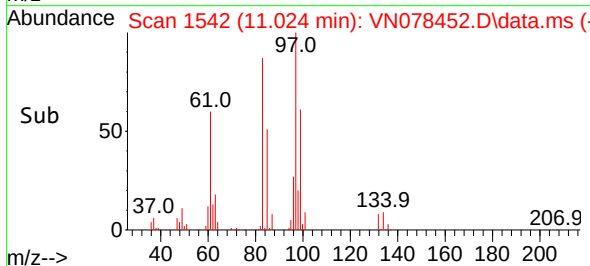
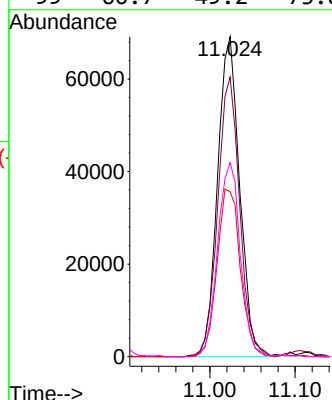
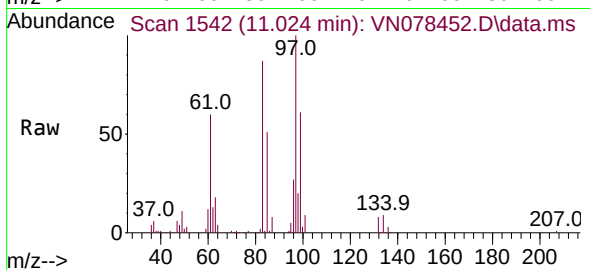
99 60.7 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#56

Ethyl methacrylate

Concen: 20.311 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.005 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

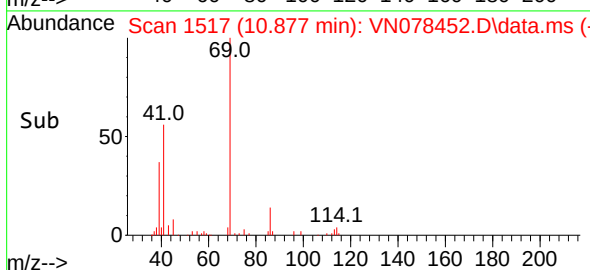
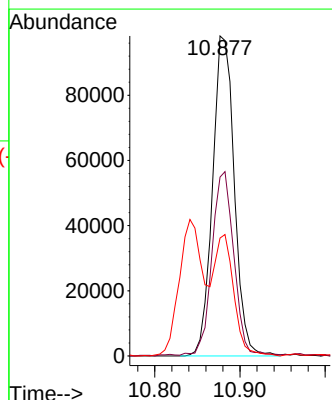
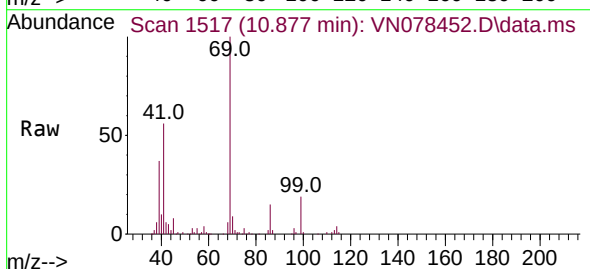
Tgt Ion: 69 Resp: 174763

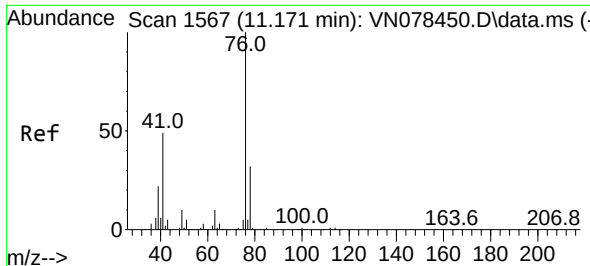
Ion Ratio Lower Upper

69 100

41 57.2 39.6 59.4

39 33.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.342 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 21289

Ion Ratio Lower Upper

76 100

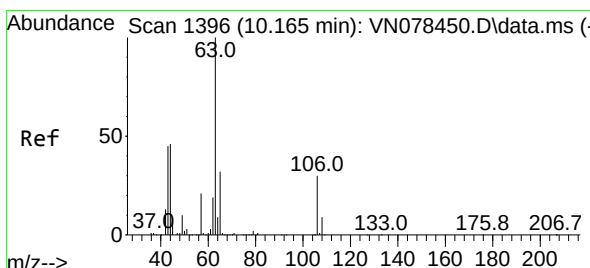
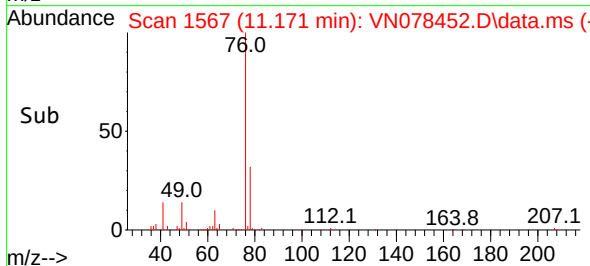
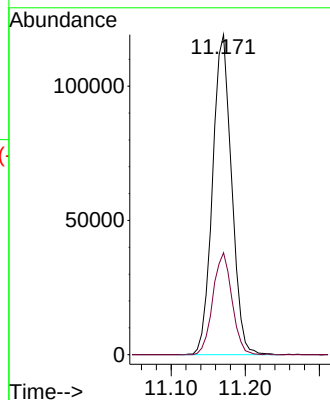
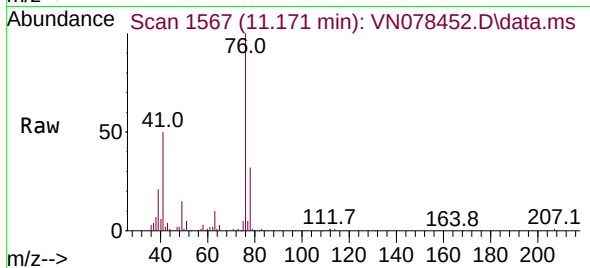
78 31.8 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.023 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078452.D

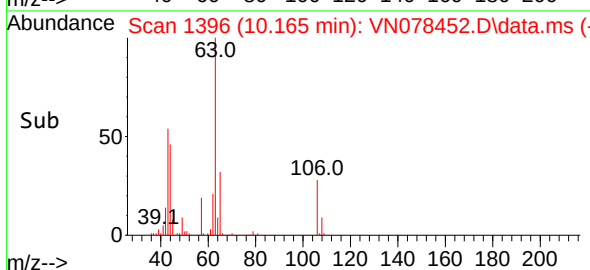
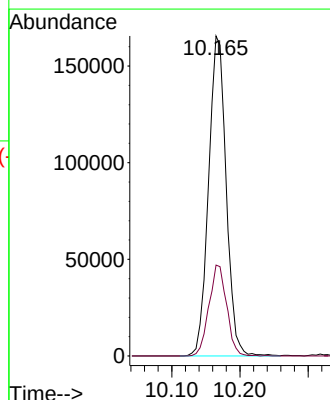
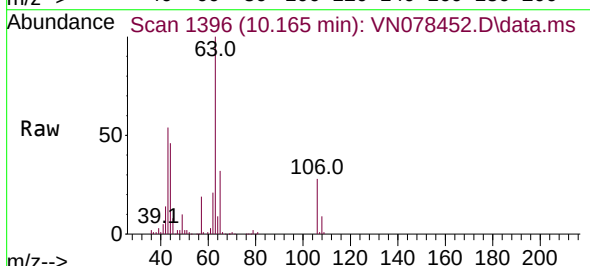
Acq: 10 Jul 2023 13:34

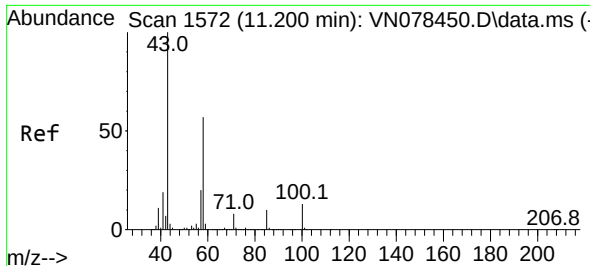
Tgt Ion: 63 Resp: 297509

Ion Ratio Lower Upper

63 100

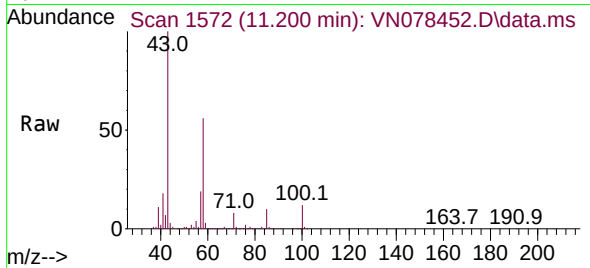
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 102.278 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

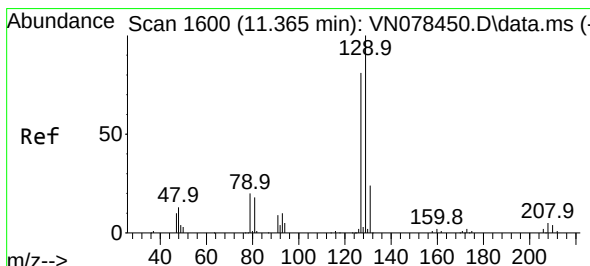
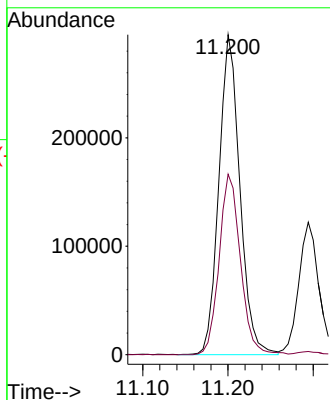
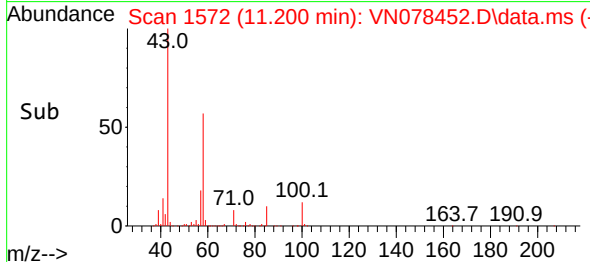
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 50489
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

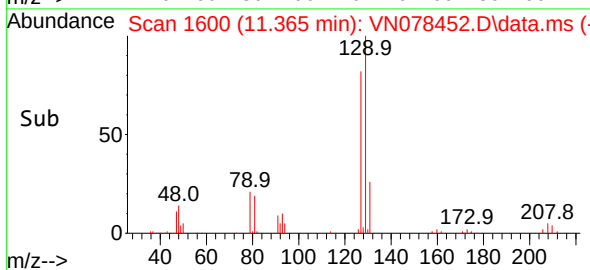
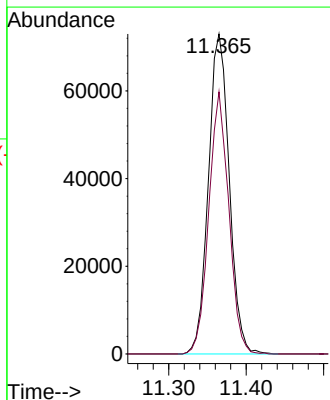
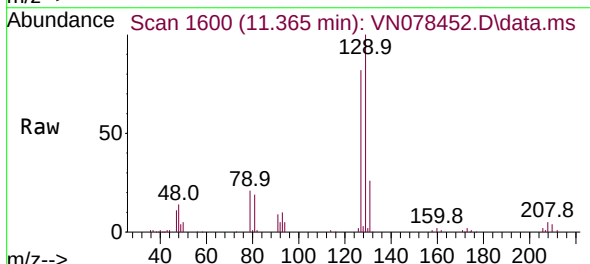
Manual Integrations
APPROVED

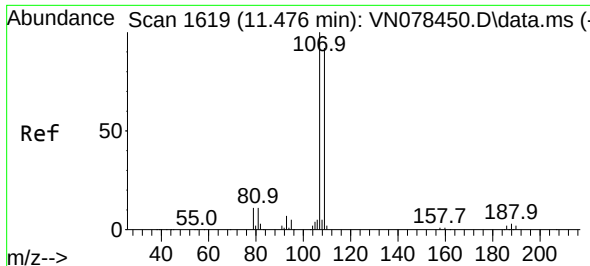
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 20.086 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

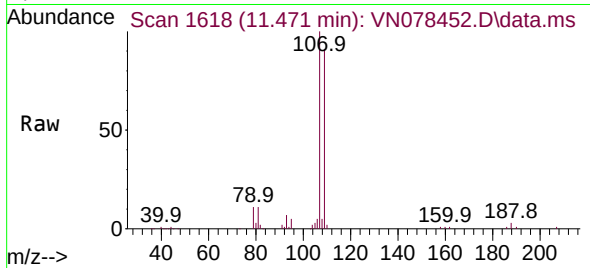
Tgt Ion:129 Resp: 136492
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.054 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

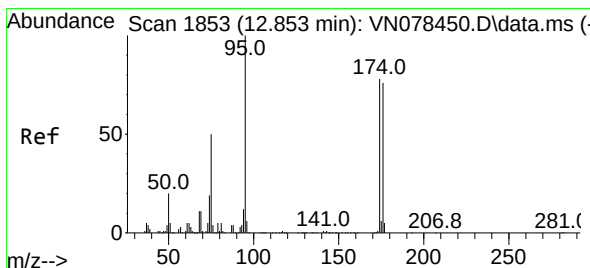
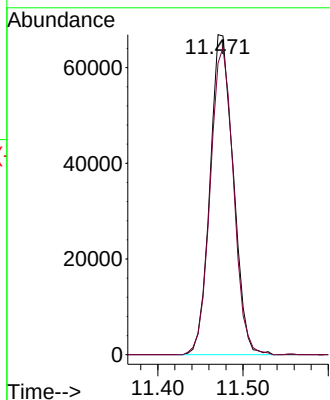
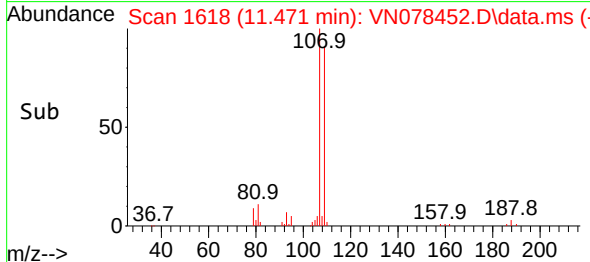
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 127160
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

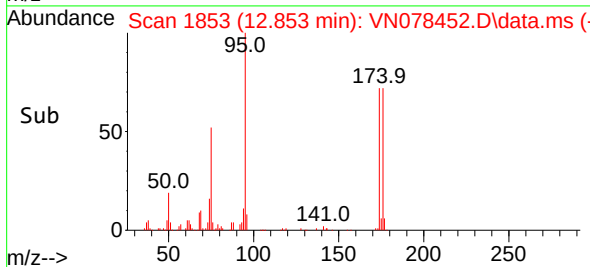
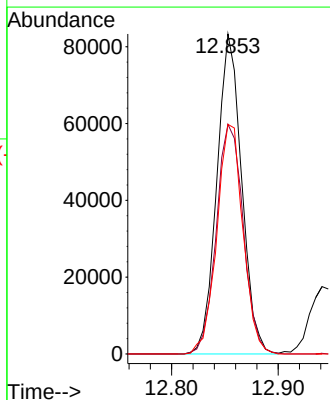
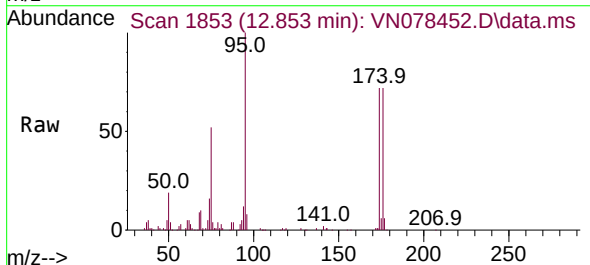
Manual Integrations
APPROVED

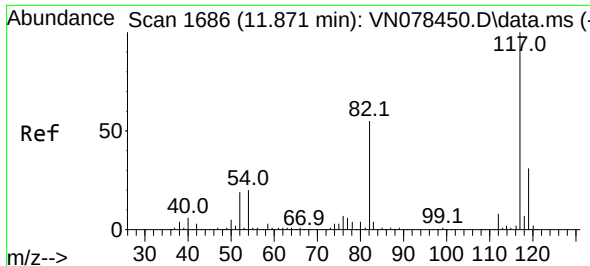
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#62
4-Bromofluorobenzene
Concen: 19.628 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

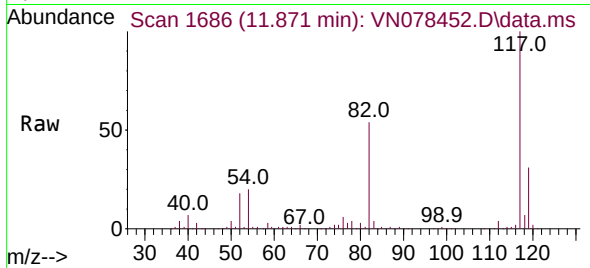
Tgt Ion: 95 Resp: 134584
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 75.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

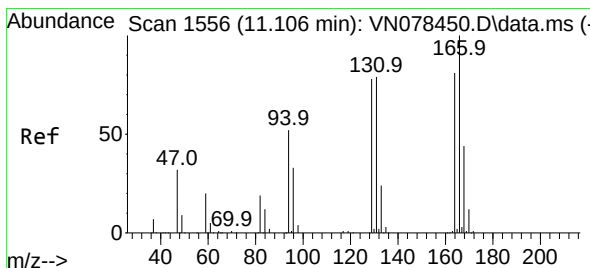
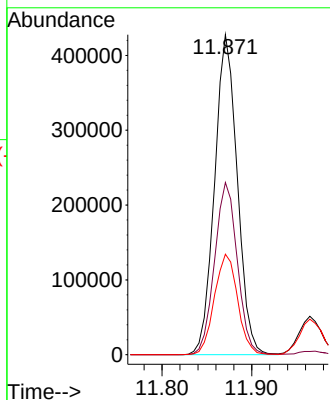
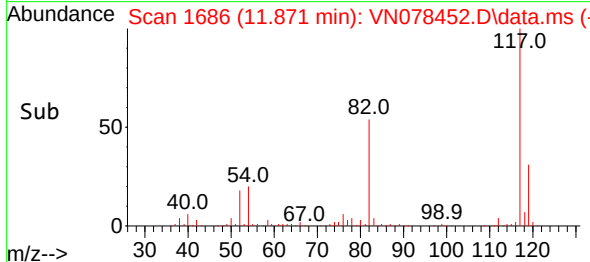
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 751724
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.4 25.6 38.4

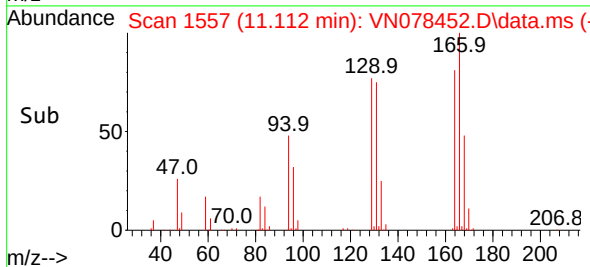
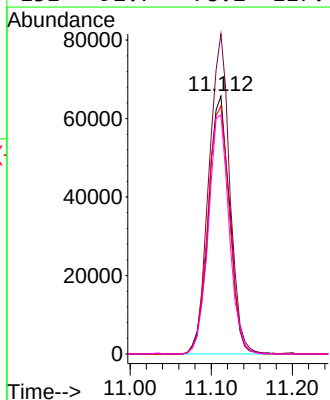
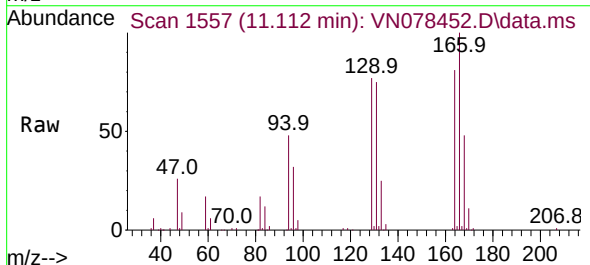
Manual Integrations
APPROVED

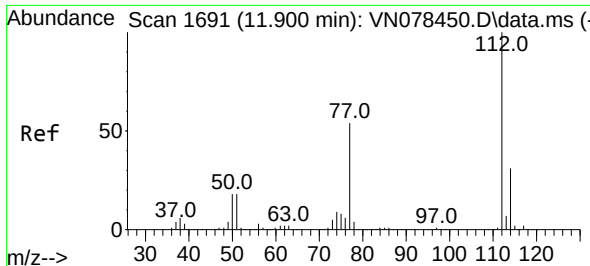
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 21.051 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

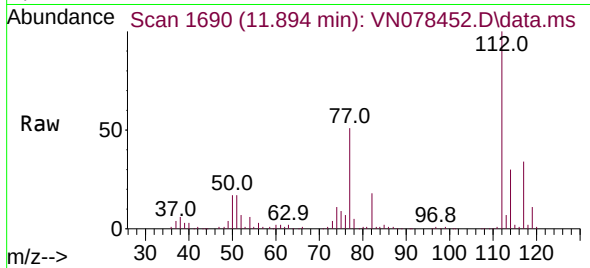
Tgt Ion:164 Resp: 118973
Ion Ratio Lower Upper
164 100
166 124.1 101.4 152.0
129 96.2 82.4 123.6
131 92.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.899 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

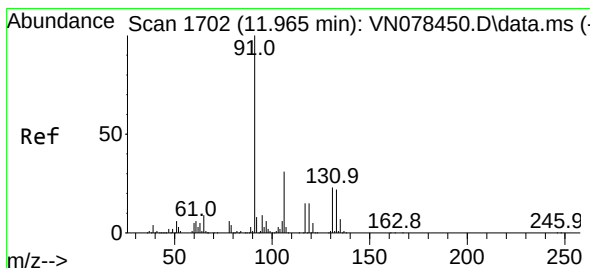
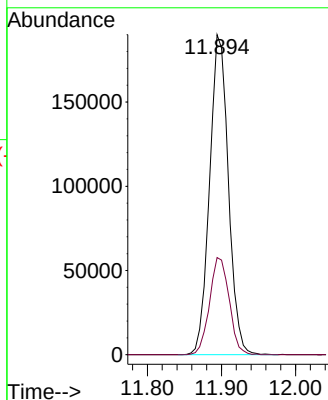
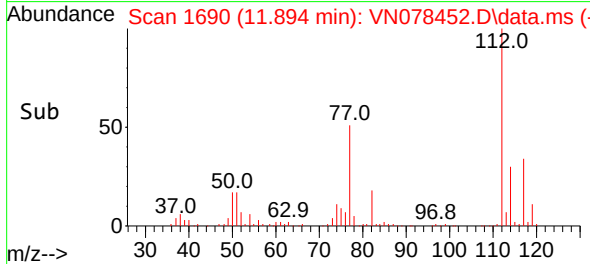
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 33436
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

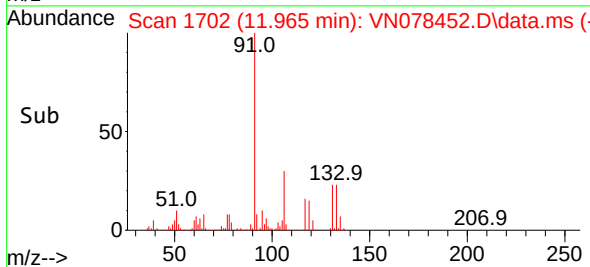
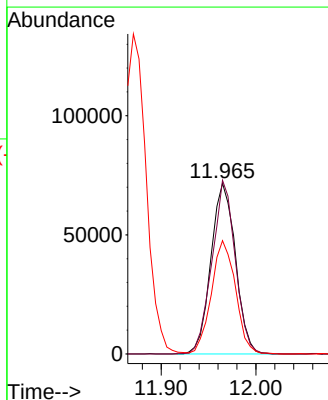
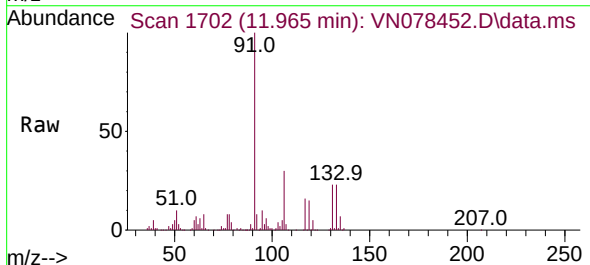
Manual Integrations
APPROVED

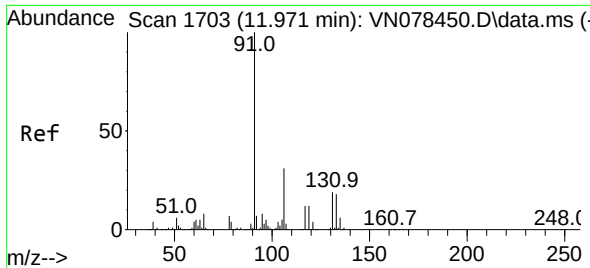
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.964 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

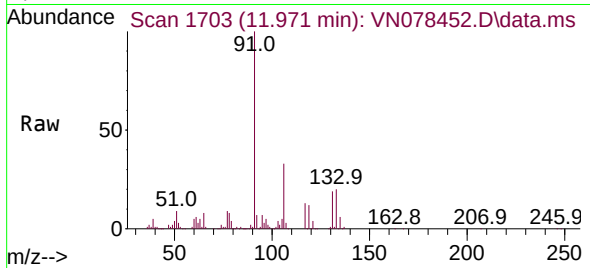
Tgt Ion:131 Resp: 129045
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 20.423 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

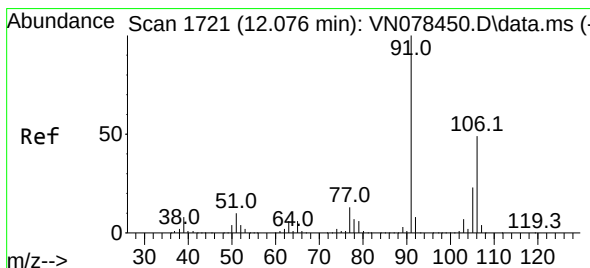
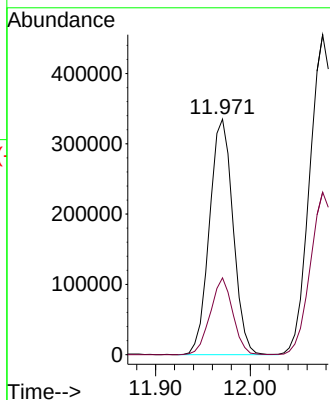
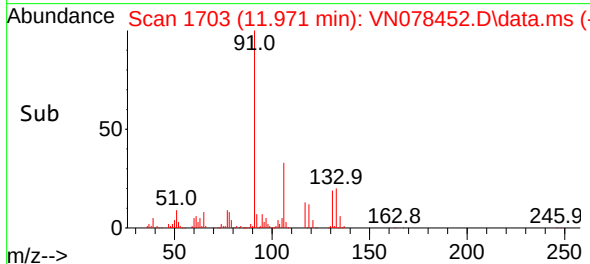
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



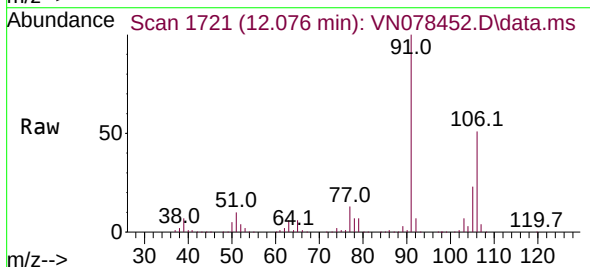
Tgt Ion: 91 Resp: 580064
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

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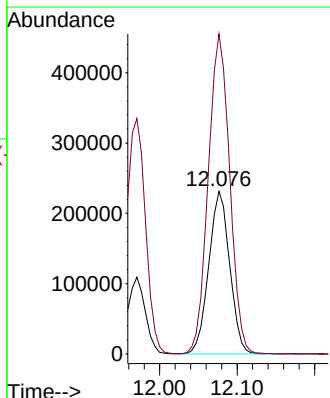
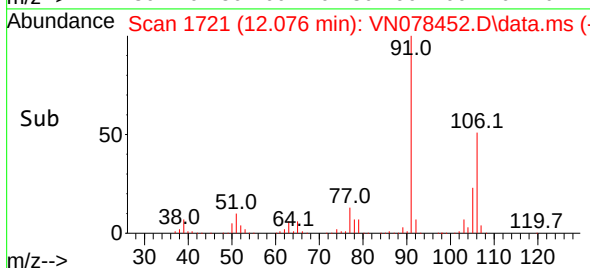
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

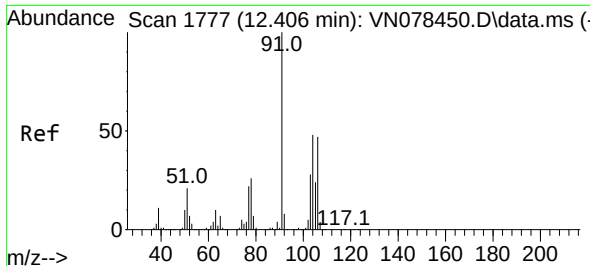


#68
m/p-Xylenes
Concen: 41.312 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion:106 Resp: 433823
Ion Ratio Lower Upper
106 100
91 202.0 159.6 239.4





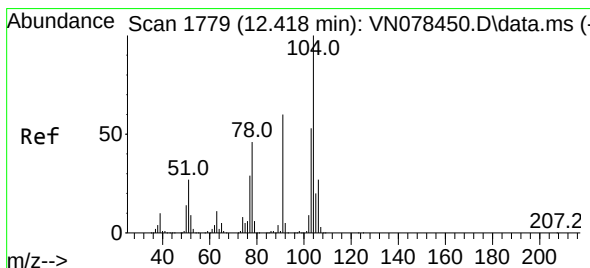
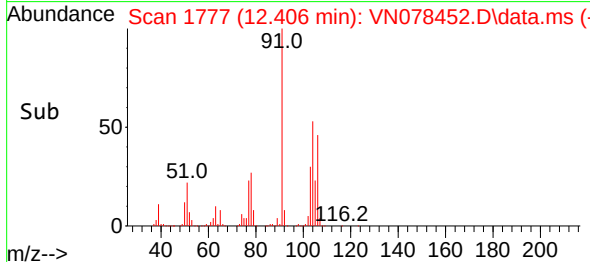
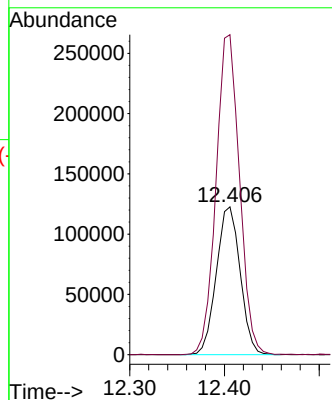
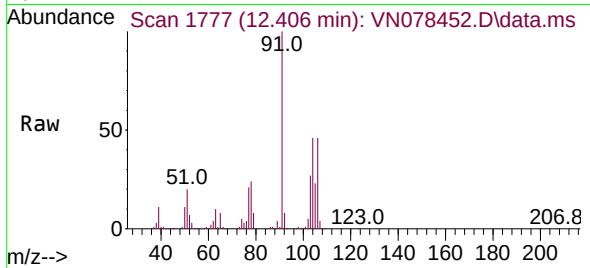
#69
o-Xylene
Concen: 20.221 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 214478
Ion Ratio Lower Upper
106 100
91 213.6 105.2 315.5

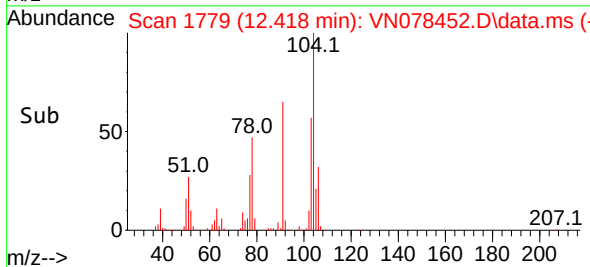
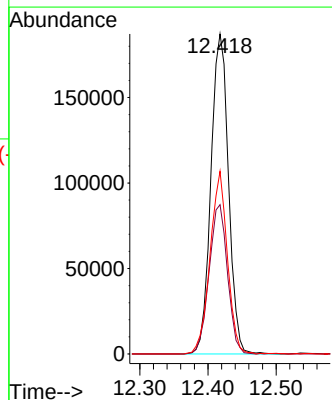
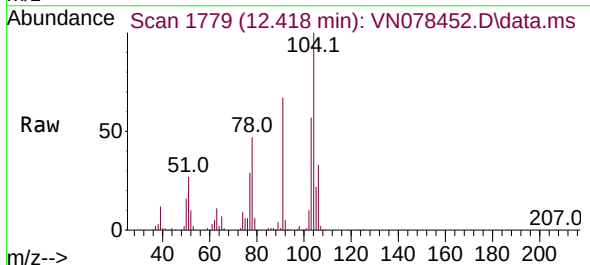
Manual Integrations
APPROVED

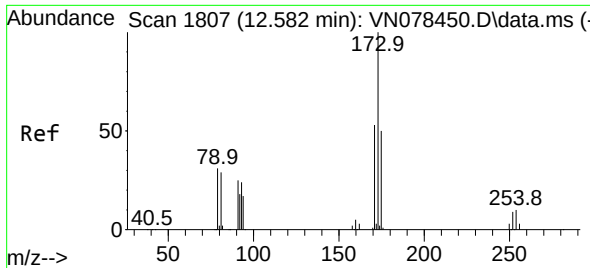
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 20.241 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

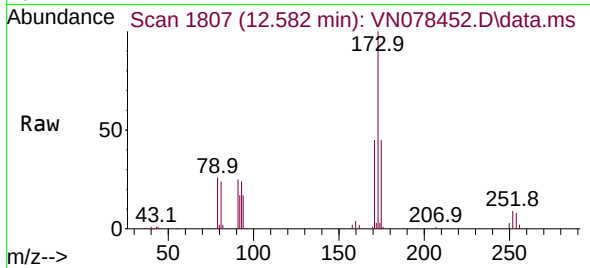
Tgt Ion:104 Resp: 335885
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 56.4 43.2 64.8





#71
Bromoform
Concen: 20.203 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

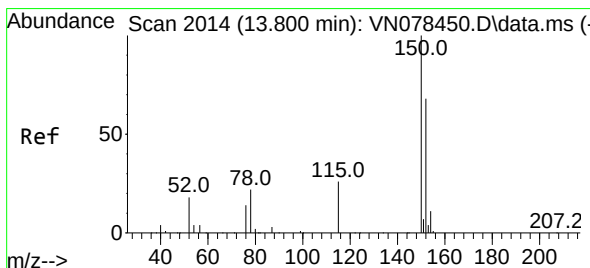
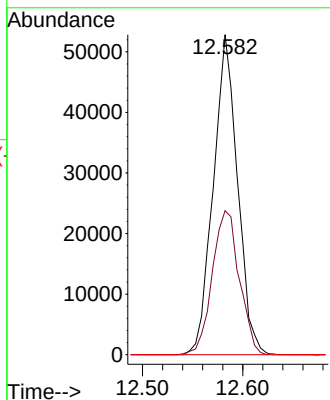
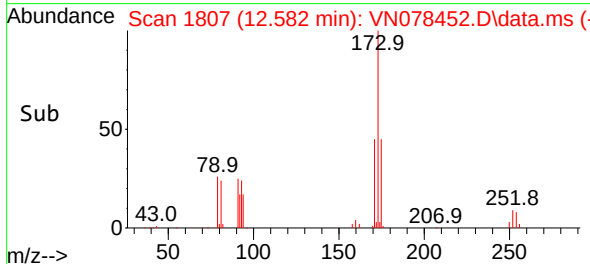
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



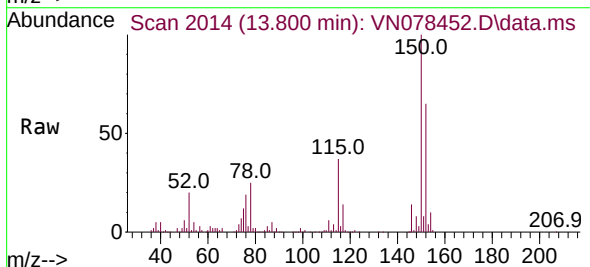
Tgt Ion:173 Resp: 88440
Ion Ratio Lower Upper
173 100
175 50.2 24.3 73.0
254 0.0 0.0 0.0

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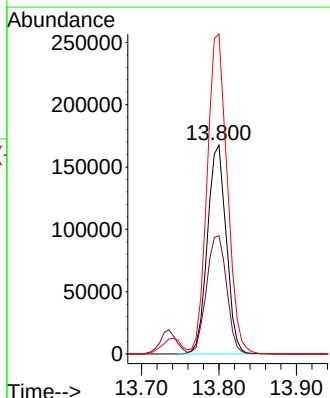
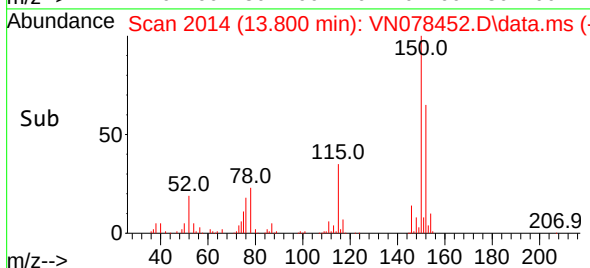
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

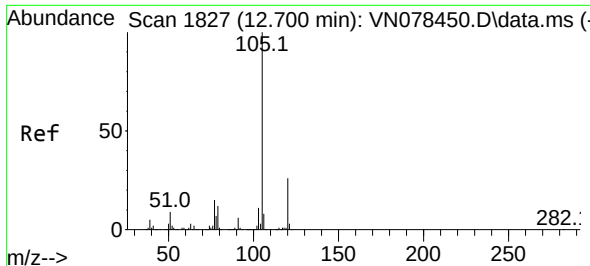


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



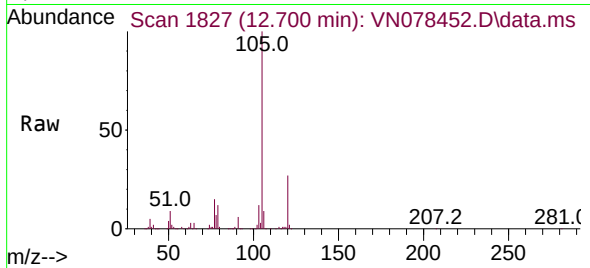
Tgt Ion:152 Resp: 282655
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 163.6 0.0 355.8





#73
Isopropylbenzene
Concen: 19.859 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

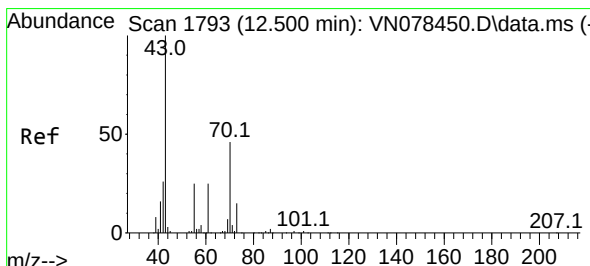
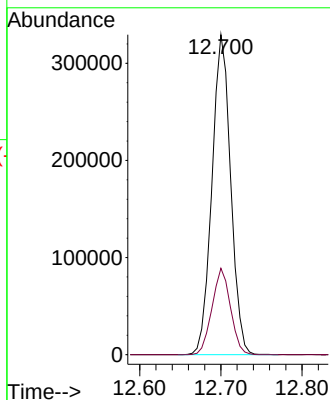
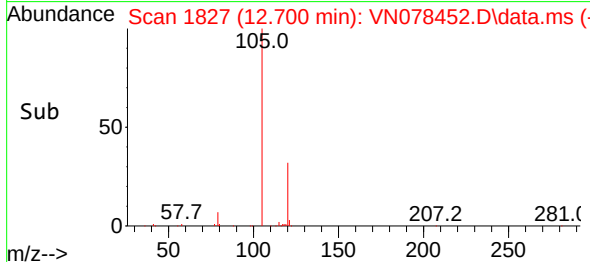
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



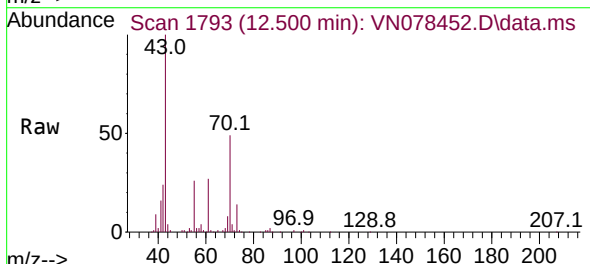
Tgt Ion:105 Resp: 52744
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

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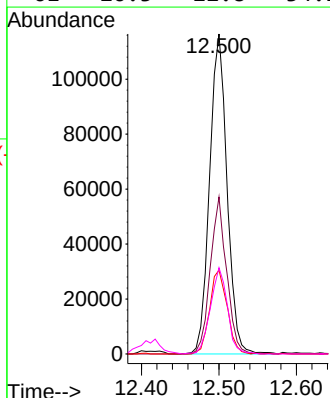
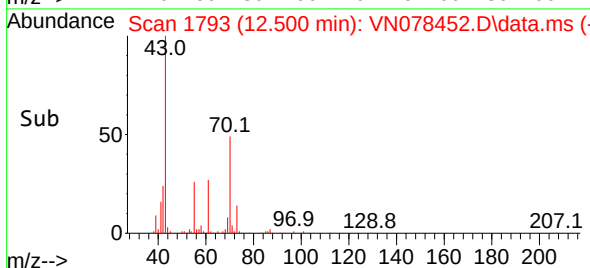
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

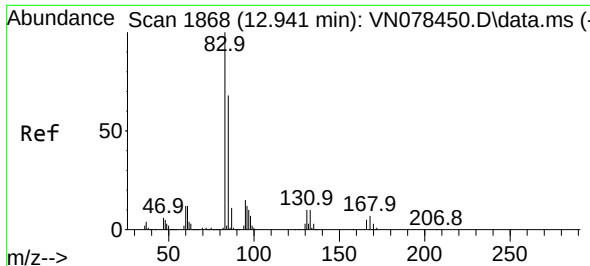


#74
N-ethyl acetate
Concen: 19.895 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



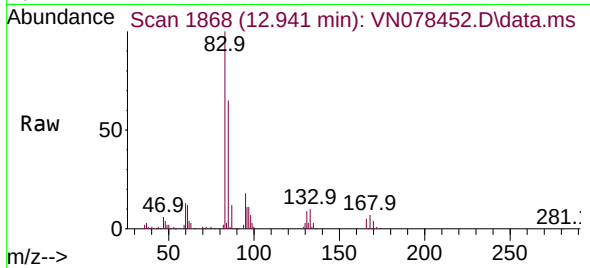
Tgt Ion: 43 Resp: 182096
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 26.3 21.4 32.0
61 26.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.039 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

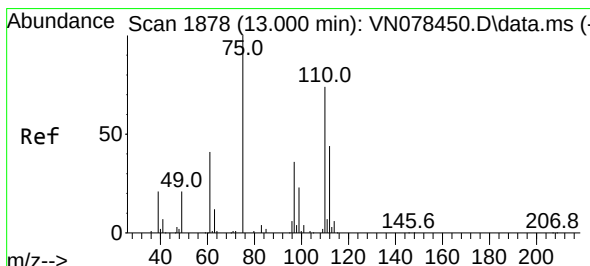
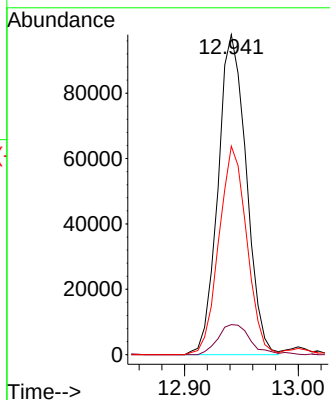
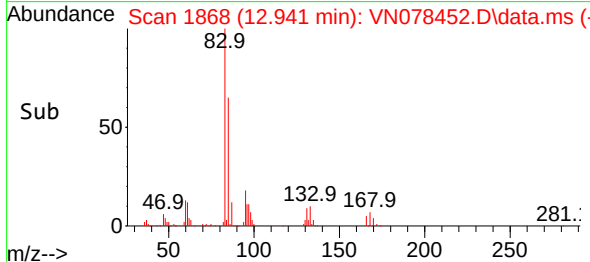
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



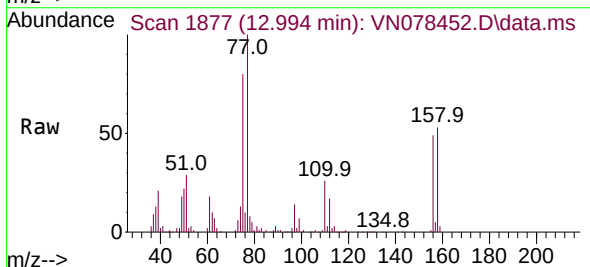
Tgt Ion: 83 Resp: 16938
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

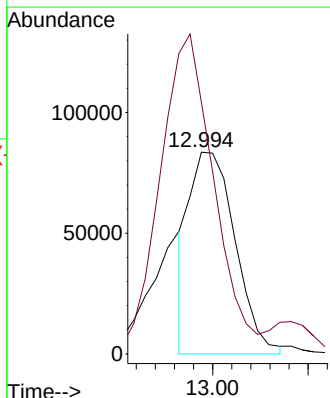
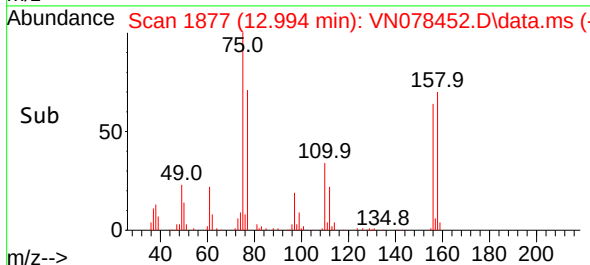
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

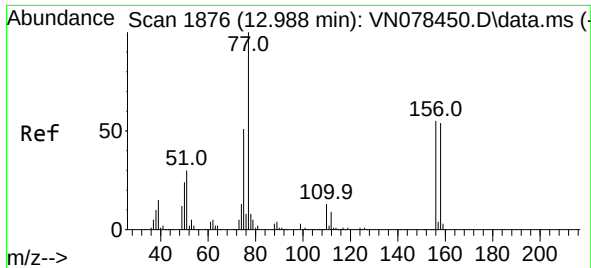


#76
1,2,3-Trichloropropane
Concen: 20.382 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion: 75 Resp: 139097
Ion Ratio Lower Upper
75 100
77 186.9 84.5 253.5





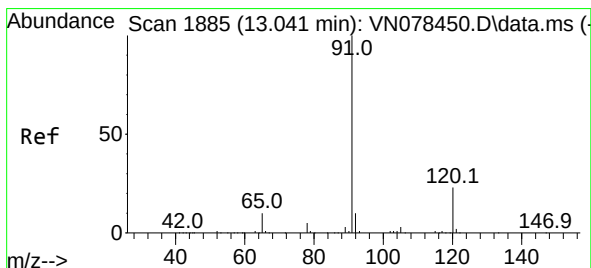
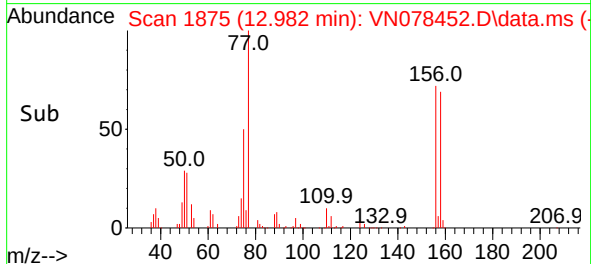
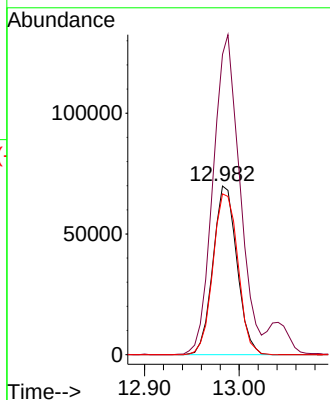
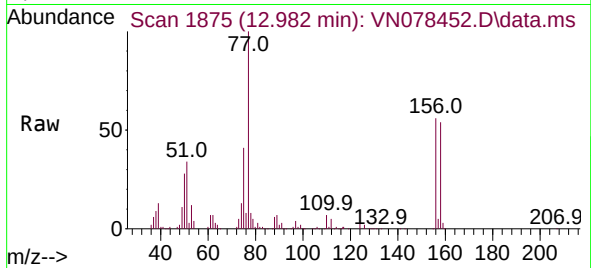
#77
Bromobenzene
Concen: 20.404 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 12313
Ion Ratio Lower Upper
156 100
77 211.2 107.7 323.3
158 99.2 48.4 145.3

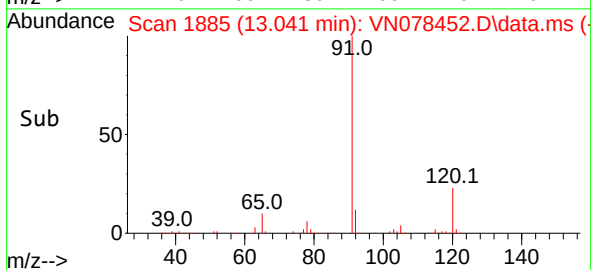
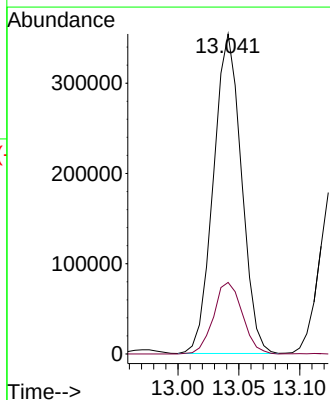
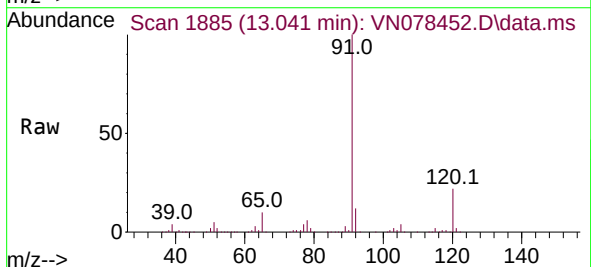
Manual Integrations
APPROVED

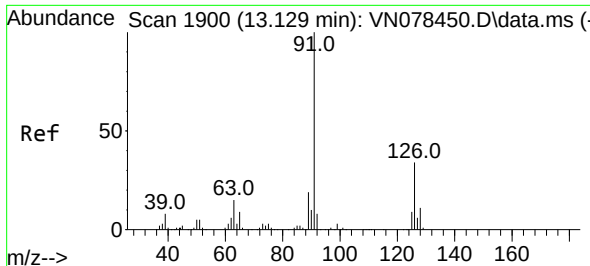
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#78
n-propylbenzene
Concen: 19.970 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion: 91 Resp: 567216
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





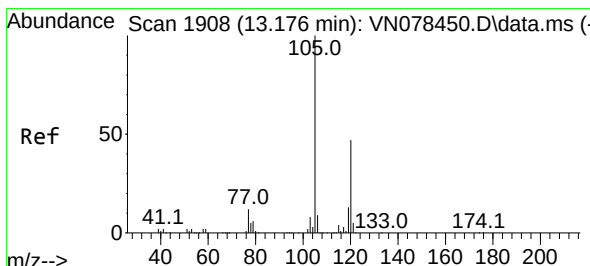
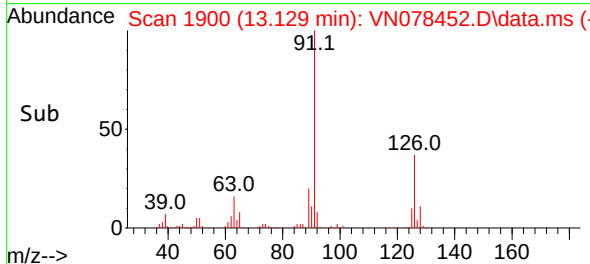
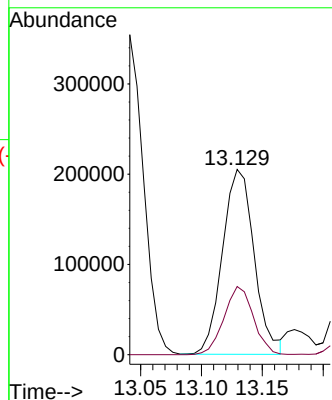
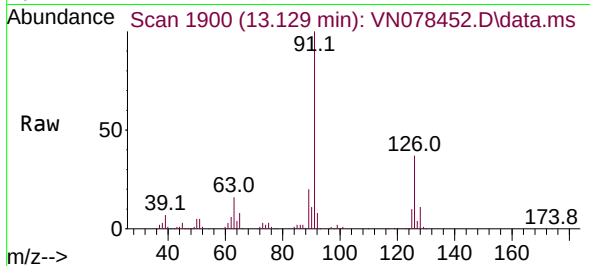
#79
2-Chlorotoluene
Concen: 19.951 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 37119
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

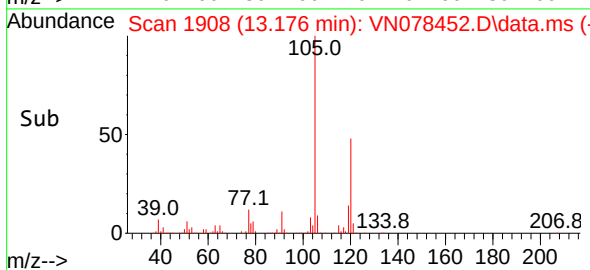
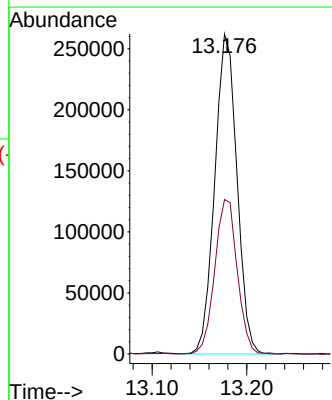
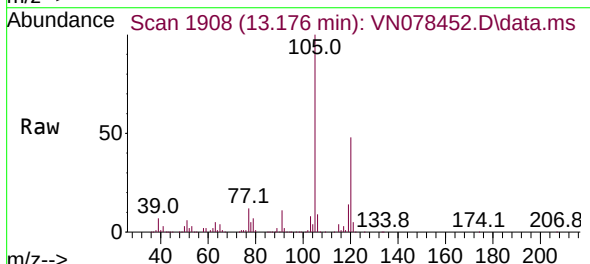
Manual Integrations
APPROVED

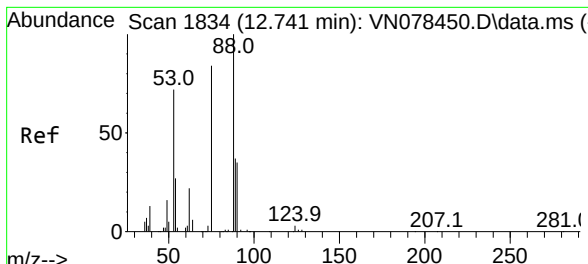
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.327 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Tgt Ion:105 Resp: 426565
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





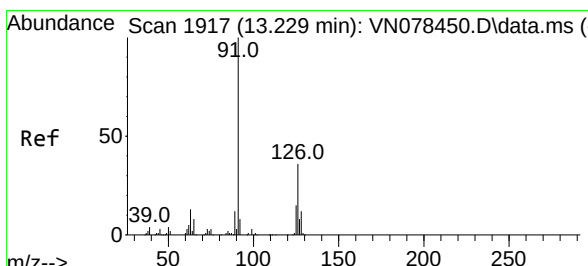
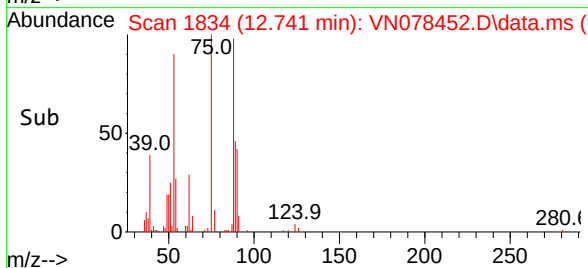
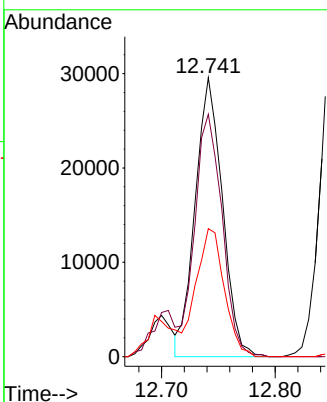
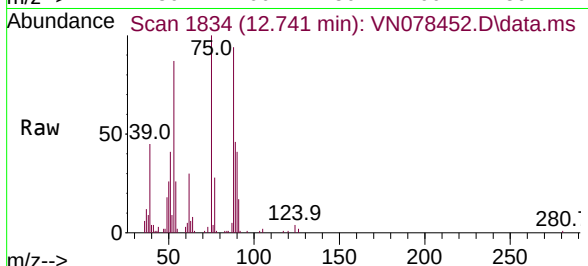
#81
trans-1,4-Dichloro-2-butene
Concen: 18.951 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	75	Resp:	4927
Ion Ratio	Lower	Upper	
75	100		
53	87.9	67.4	101.2
89	47.2	38.8	58.2

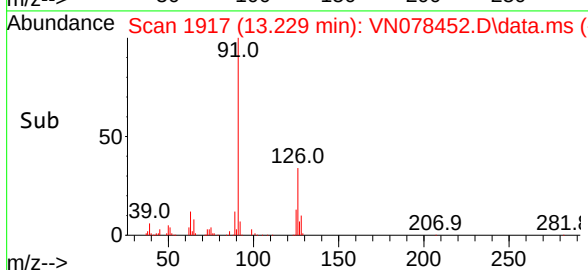
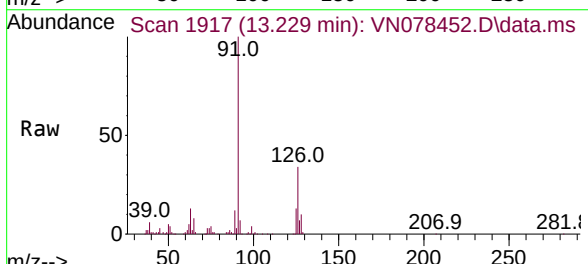
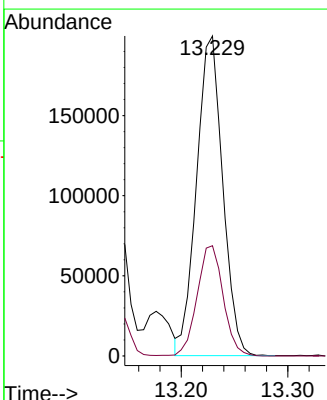
Manual Integrations
APPROVED

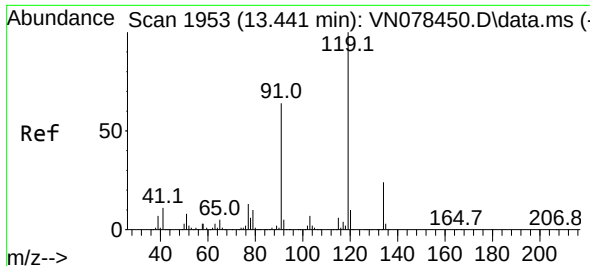
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 19.607 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

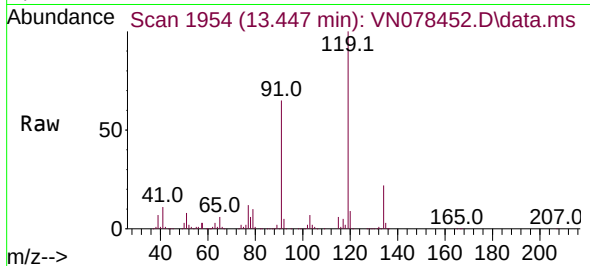
Tgt Ion:	91	Resp:	340292
Ion Ratio	Lower	Upper	
91	100		
126	34.4	16.7	50.0





#83
tert-Butylbenzene
Concen: 20.048 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

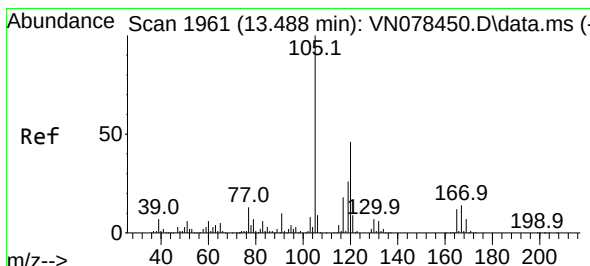
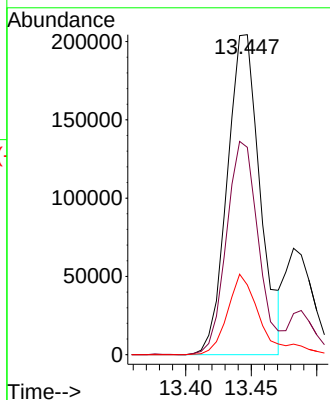
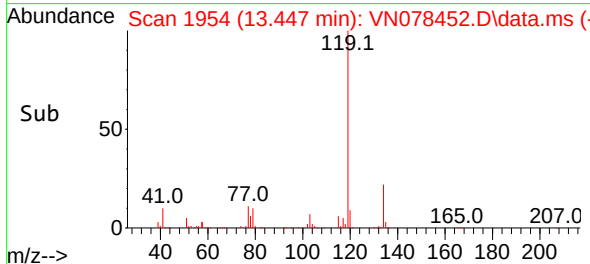
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



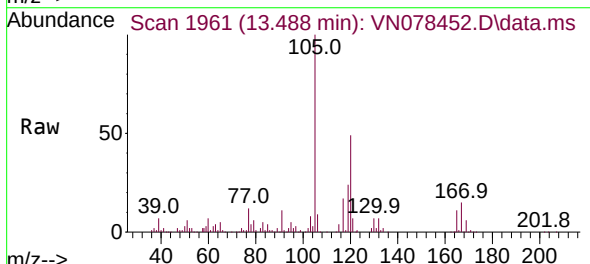
Tgt Ion:119 Resp: 357194
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
APPROVED

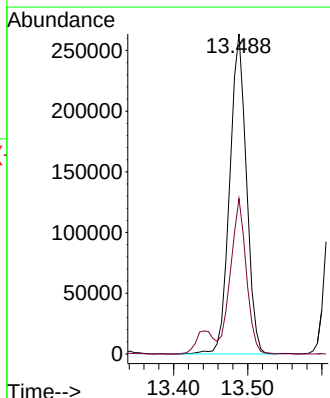
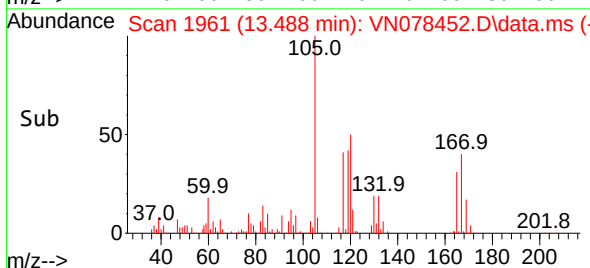
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023

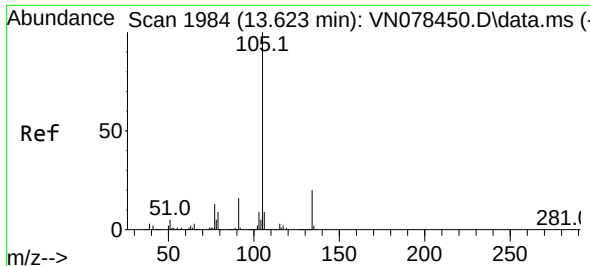


#84
1,2,4-Trimethylbenzene
Concen: 20.238 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



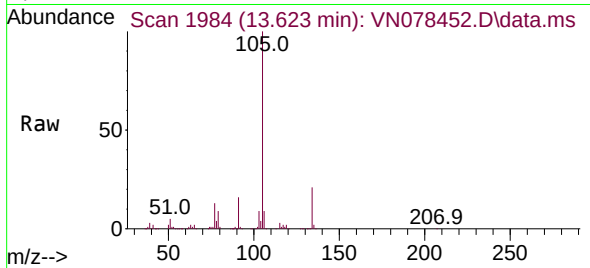
Tgt Ion:105 Resp: 412523
Ion Ratio Lower Upper
105 100
120 45.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.696 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

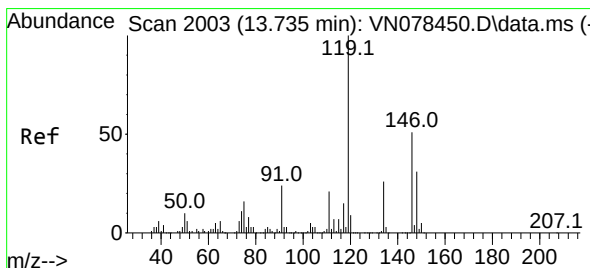
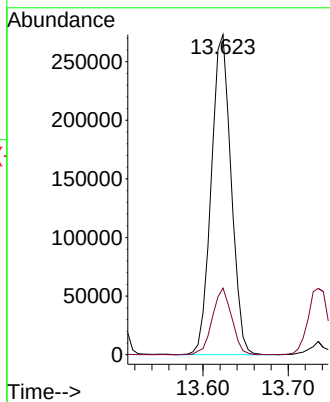
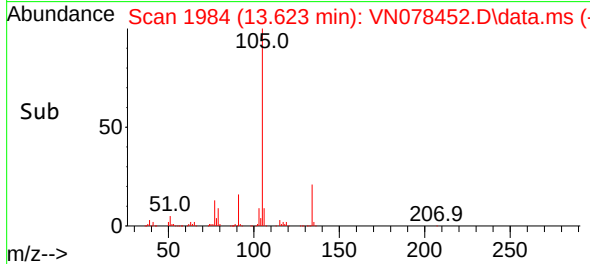
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



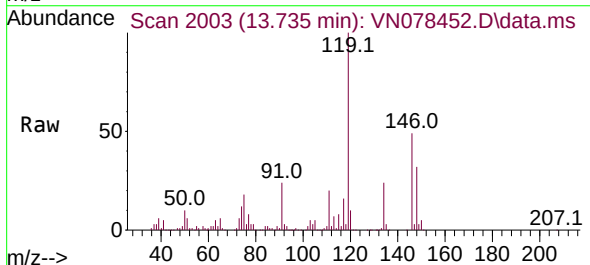
Tgt Ion:105 Resp: 443554
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

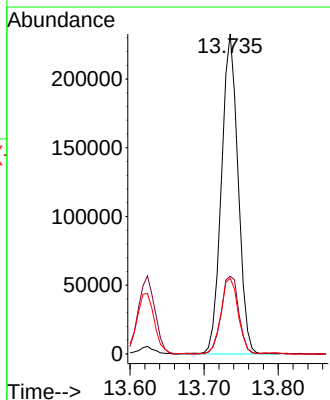
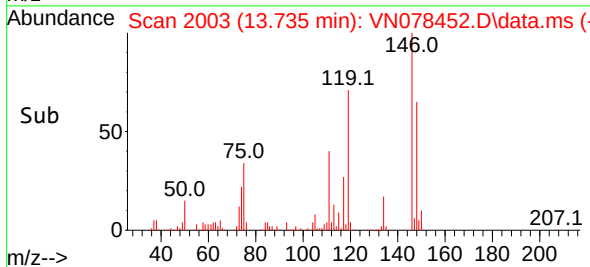
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

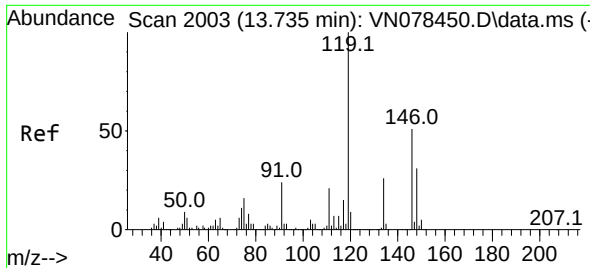


#86
 p-Isopropyltoluene
 Concen: 20.032 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34



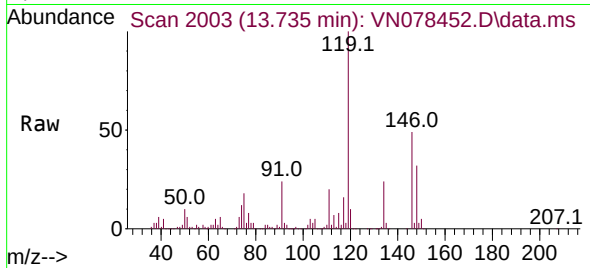
Tgt Ion:119 Resp: 362229
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34

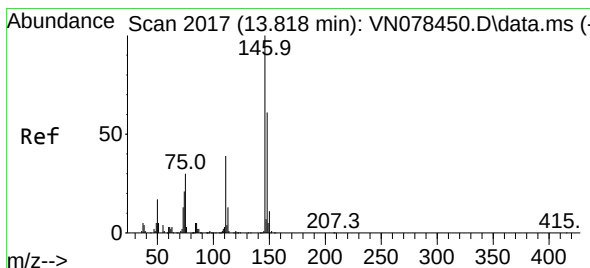
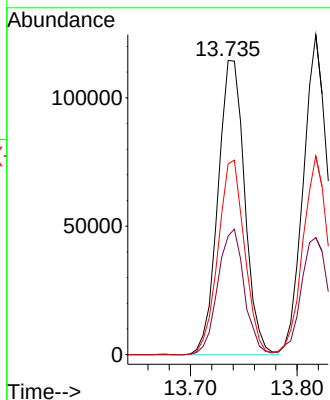
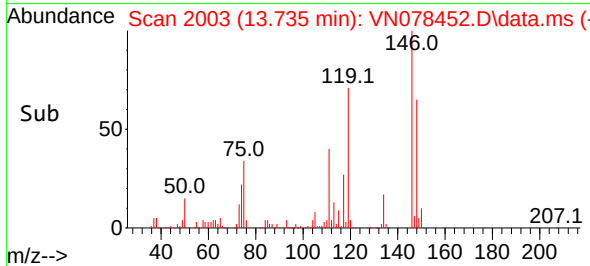
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



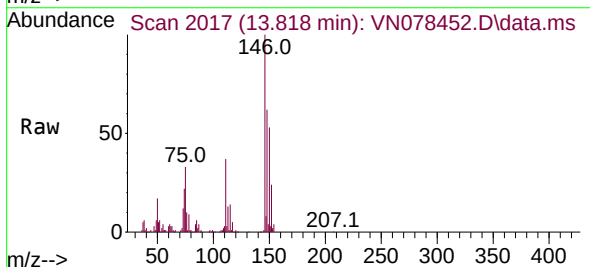
Tgt Ion:146 Resp: 199778
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.1 66.3
 148 65.7 32.0 96.0

Manual Integrations
 APPROVED

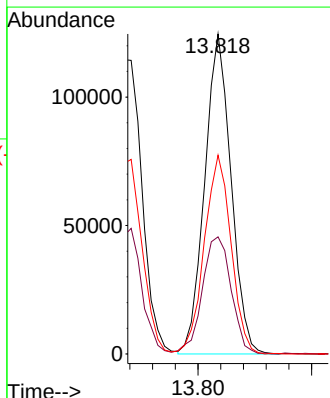
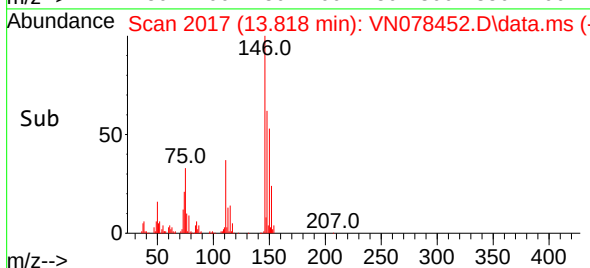
Reviewed By :John Carlone 07/10/2023
 Supervised By :Mahesh Dadoda 07/11/2023

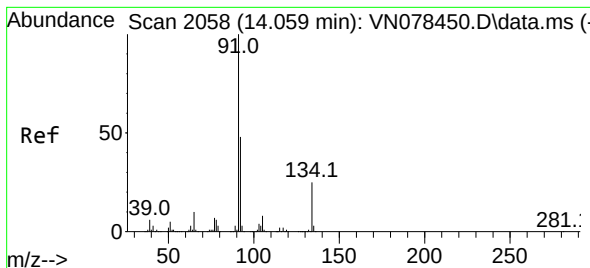


#88
 1,4-Dichlorobenzene
 Concen: 19.545 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078452.D
 Acq: 10 Jul 2023 13:34



Tgt Ion:146 Resp: 200731
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.066 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

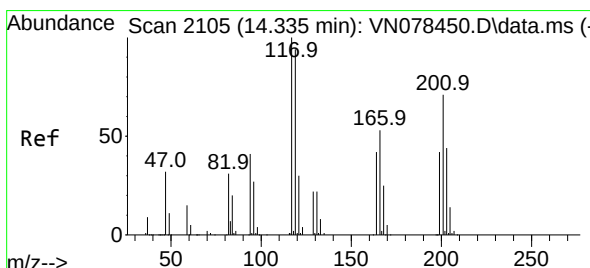
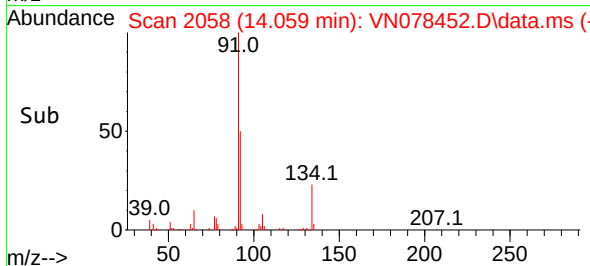
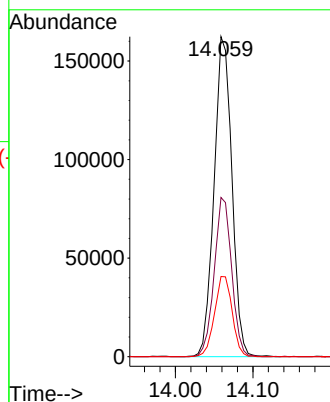
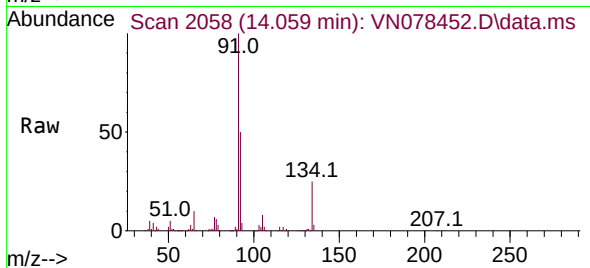
Tgt Ion: 91 Resp: 259629
 Ion Ratio Lower Upper
 91 100
 92 48.7 26.4 79.0
 134 24.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Mahesh Dadoda 07/11/2023



#90

Hexachloroethane

Concen: 20.140 ug/l

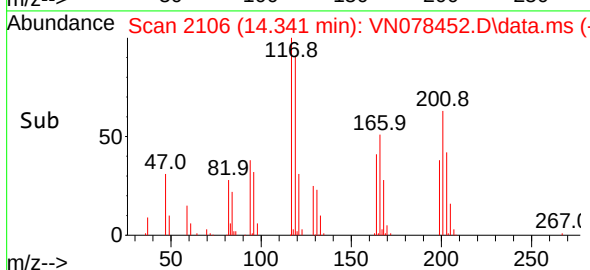
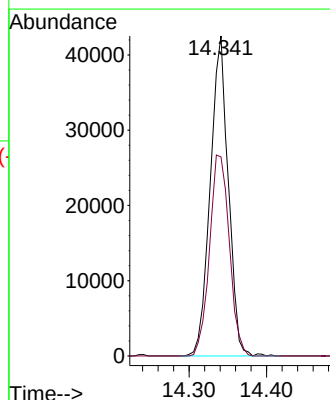
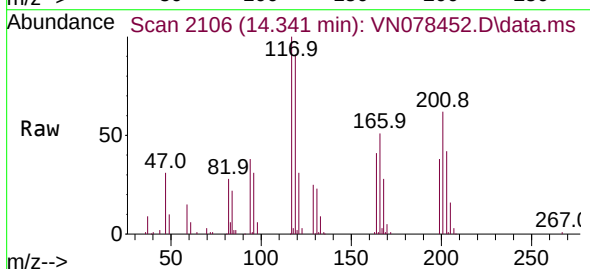
RT: 14.341 min Scan# 2106

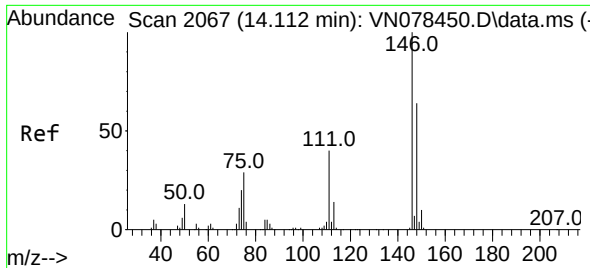
Delta R.T. 0.006 min

Lab File: VN078452.D

Acq: 10 Jul 2023 13:34

Tgt Ion:117 Resp: 68556
 Ion Ratio Lower Upper
 117 100
 201 69.0 29.3 88.0





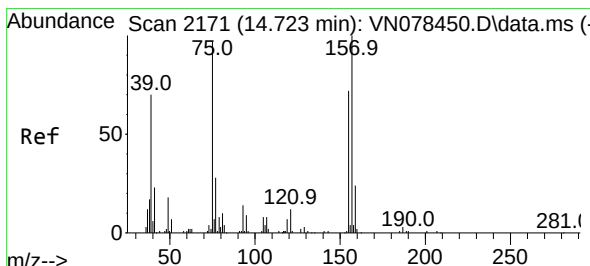
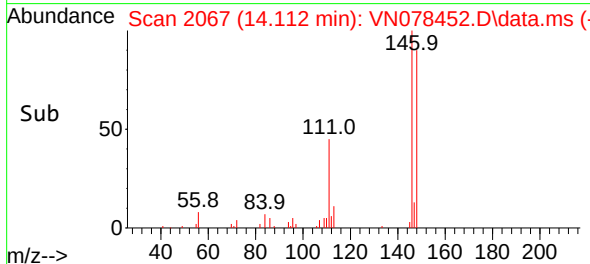
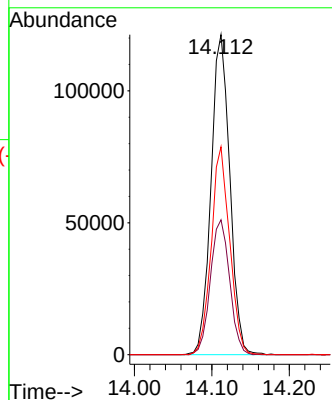
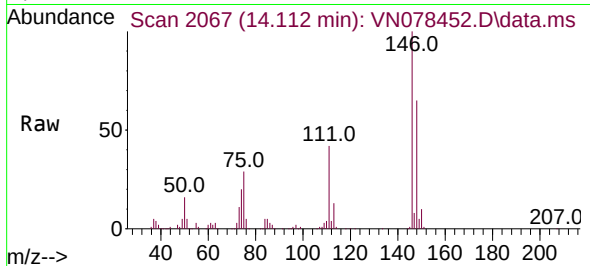
#91
1,2-Dichlorobenzene
Concen: 20.147 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 204434
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 63.8 31.8 95.3

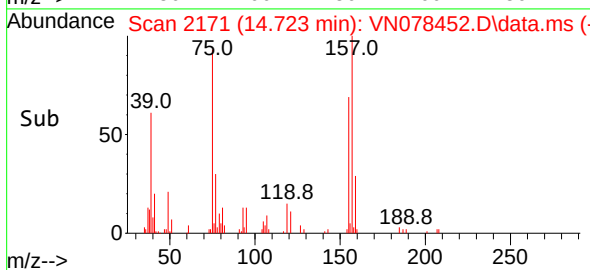
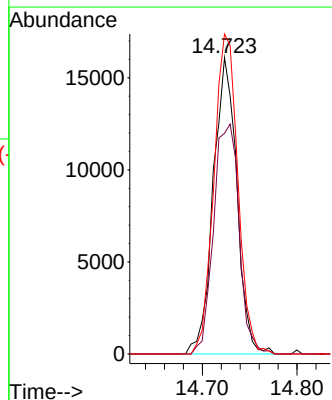
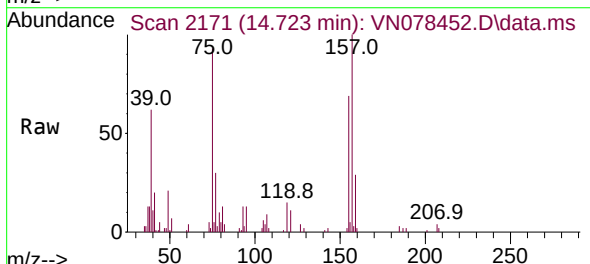
Manual Integrations
APPROVED

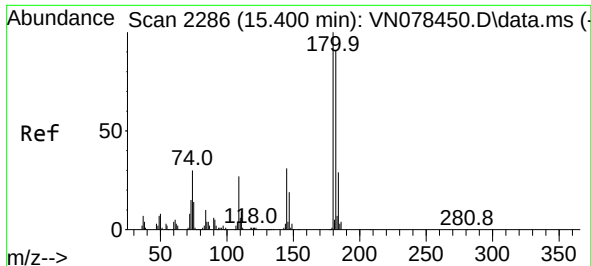
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.714 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

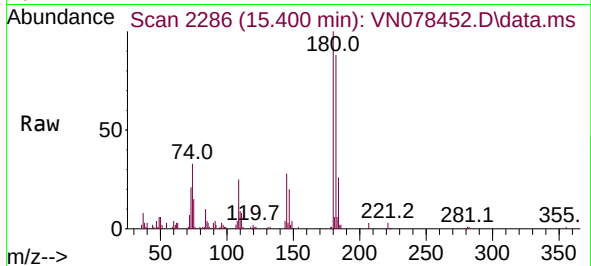
Tgt Ion: 75 Resp: 27767
Ion Ratio Lower Upper
75 100
155 83.8 39.1 117.2
157 110.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 19.379 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

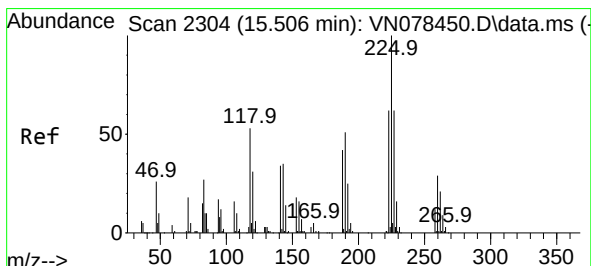
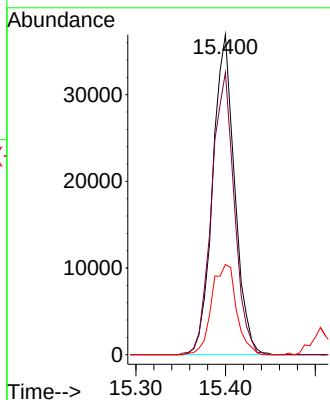
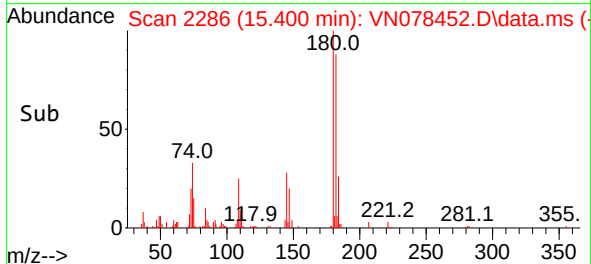
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:180 Resp: 62758
Ion Ratio Lower Upper
180 100
182 91.0 46.1 138.2
145 31.8 16.6 49.8

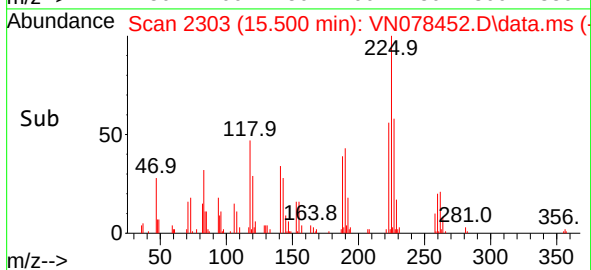
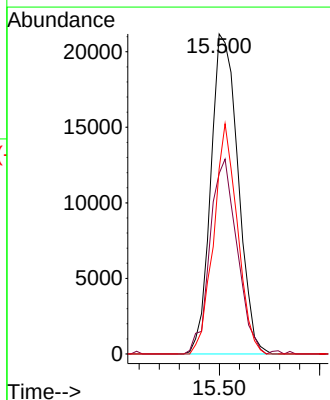
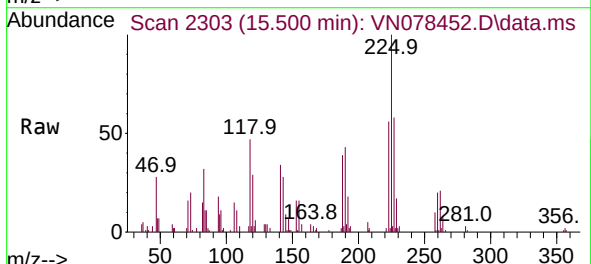
Manual Integrations
APPROVED

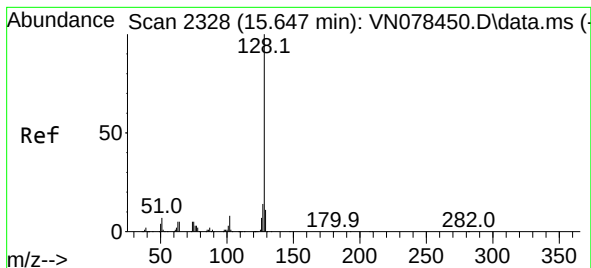
Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/11/2023



#94
Hexachlorobutadiene
Concen: 21.450 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

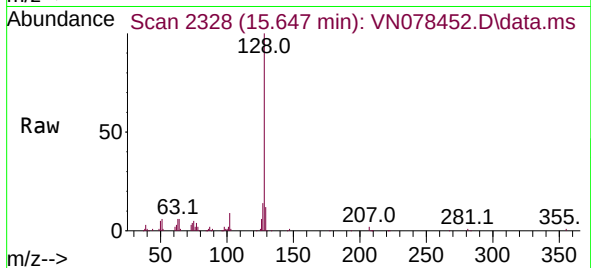
Tgt Ion:225 Resp: 39894
Ion Ratio Lower Upper
225 100
223 60.6 31.3 93.8
227 62.8 31.9 95.9





#95
Naphthalene
Concen: 18.379 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34

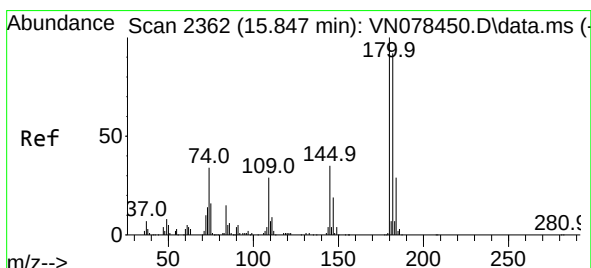
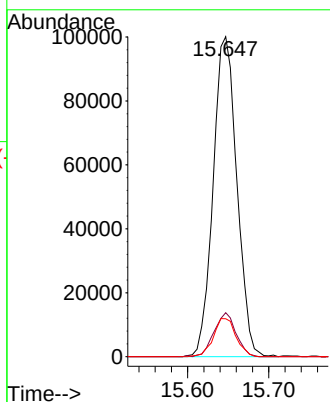
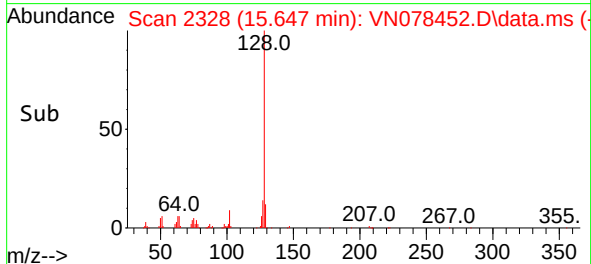
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



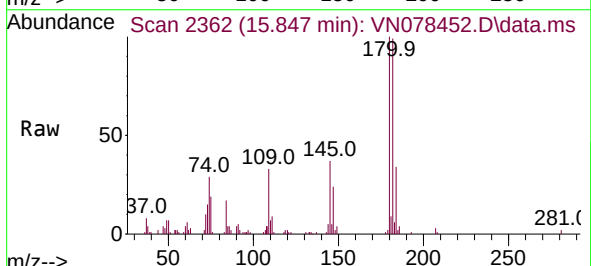
Tgt Ion:128 Resp: 203470
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.619 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078452.D
Acq: 10 Jul 2023 13:34



Tgt Ion:180 Resp: 73056
Ion Ratio Lower Upper
180 100
182 95.7 46.2 138.6
145 33.6 17.5 52.6

