

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080921.D
 Acq On : 06 Feb 2024 16:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 07 05:30:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	525969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1139753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	973836	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	420215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114879	17.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	34.620%#		
35) Dibromofluoromethane	8.165	113	104501	17.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.180%#		
50) Toluene-d8	10.571	98	424561	19.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.380%#		
62) 4-Bromofluorobenzene	12.853	95	148896	18.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109455	18.368	ug/l	87
3) Chloromethane	2.359	50	124526	19.325	ug/l	99
4) Vinyl Chloride	2.512	62	142799	18.349	ug/l	# 89
5) Bromomethane	2.948	94	96887	19.352	ug/l	92
6) Chloroethane	3.112	64	101141	18.376	ug/l	96
7) Trichlorofluoromethane	3.495	101	189204	18.568	ug/l	90
8) Diethyl Ether	3.959	74	67199	18.458	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	99957	17.438	ug/l	# 89
10) Methyl Iodide	4.583	142	101385	18.289	ug/l	98
11) Tert butyl alcohol	5.518	59	85651	93.690	ug/l	# 85
12) 1,1-Dichloroethene	4.342	96	100888	17.891	ug/l	87
13) Acrolein	4.171	56	104034	90.289	ug/l	99
14) Allyl chloride	5.024	41	148408	19.863	ug/l	# 96
15) Acrylonitrile	5.718	53	237777	95.152	ug/l	97
16) Acetone	4.424	43	206382	94.543	ug/l	92
17) Carbon Disulfide	4.706	76	260665	18.327	ug/l	# 94
18) Methyl Acetate	5.018	43	166654	24.294	ug/l	# 86
19) Methyl tert-butyl Ether	5.795	73	347702	18.511	ug/l	93
20) Methylene Chloride	5.277	84	116051	17.547	ug/l	# 84
21) trans-1,2-Dichloroethene	5.777	96	117115	18.502	ug/l	91
22) Diisopropyl ether	6.671	45	321135	18.543	ug/l	# 92
23) Vinyl Acetate	6.600	43	954094	83.606	ug/l	# 91
24) 1,1-Dichloroethane	6.565	63	200230	17.753	ug/l	# 90
25) 2-Butanone	7.483	43	349309	99.694	ug/l	# 82
26) 2,2-Dichloropropane	7.494	77	189169	18.342	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	135686	18.447	ug/l	85
28) Bromochloromethane	7.824	49	81437	17.353	ug/l	# 43
29) Tetrahydrofuran	7.841	42	224188	104.653	ug/l	# 77
30) Chloroform	7.965	83	258619	20.749	ug/l	98
31) Cyclohexane	8.265	56	182887	20.168	ug/l	# 84
32) 1,1,1-Trichloroethane	8.165	97	218399	20.222	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	179845	19.767	ug/l	94
37) Ethyl Acetate	7.559	43	127055	18.455	ug/l	98
38) Carbon Tetrachloride	8.365	117	197440	21.169	ug/l	96
39) Methylcyclohexane	9.600	83	212987	21.003	ug/l	# 87
40) Benzene	8.606	78	524188	18.927	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69821	17.018	ug/l	94
42) 1,2-Dichloroethane	8.671	62	172728	17.912	ug/l	95
43) Isopropyl Acetate	8.688	43	243332	19.221	ug/l #	89
44) Trichloroethene	9.353	130	178596	21.230	ug/l	94
45) 1,2-Dichloropropane	9.624	63	153846	20.588	ug/l	100
46) Dibromomethane	9.712	93	111810	20.235	ug/l #	84
47) Bromodichloromethane	9.888	83	227095	21.012	ug/l #	94
48) Methyl methacrylate	9.683	41	164055	23.001	ug/l	88
49) 1,4-Dioxane	9.694	88	53714	407.860	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	830828	108.900	ug/l	92
52) Toluene	10.630	92	396167	21.356	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	234557	22.428	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	257570	21.941	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	158578	22.117	ug/l	92
56) Ethyl methacrylate	10.871	69	162400	18.934	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	263334	22.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	541105	103.915	ug/l #	82
59) 2-Hexanone	11.200	43	710511	122.874	ug/l	90
60) Dibromochloromethane	11.359	129	168047	22.938	ug/l	98
61) 1,2-Dibromoethane	11.471	107	161288	22.551	ug/l	96
64) Tetrachloroethene	11.106	164	159609	21.714	ug/l	92
65) Chlorobenzene	11.894	112	430739	21.105	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	158279	21.491	ug/l	96
67) Ethyl Benzene	11.965	91	743227	21.140	ug/l	95
68) m/p-Xylenes	12.071	106	561167	42.013	ug/l	94
69) o-Xylene	12.400	106	272422	21.019	ug/l	92
70) Styrene	12.412	104	398896	20.507	ug/l	95
71) Bromoform	12.582	173	108879	22.073	ug/l #	96
73) Isopropylbenzene	12.700	105	690935	21.142	ug/l	98
74) N-amyl acetate	12.494	43	236631	20.087	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	204515	20.117	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	177110m	19.814	ug/l	
77) Bromobenzene	12.982	156	175183	21.245	ug/l	64
78) n-propylbenzene	13.035	91	767303	20.796	ug/l	94
79) 2-Chlorotoluene	13.123	91	473239	20.295	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	560369	21.096	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	59356	18.822	ug/l #	79
82) 4-Chlorotoluene	13.223	91	465898	20.026	ug/l	91
83) tert-Butylbenzene	13.441	119	474922	20.975	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	563571	21.302	ug/l	94
85) sec-Butylbenzene	13.618	105	624395	20.522	ug/l	93
86) p-Isopropyltoluene	13.729	119	551081	21.432	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	303949	20.697	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	309317	20.756	ug/l	96
89) n-Butylbenzene	14.059	91	462636	20.368	ug/l	97
90) Hexachloroethane	14.335	117	88119	21.734	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	296854	21.099	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35883	18.870	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	109186	15.688	ug/l	99
94) Hexachlorobutadiene	15.506	225	48638	16.120	ug/l	98
95) Naphthalene	15.641	128	376815	16.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107989	15.763	ug/l	99

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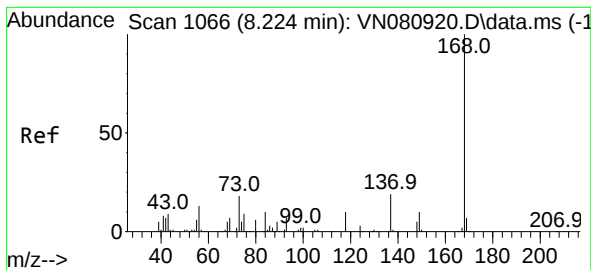
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/07/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 05:25:05 2024
Response via : Initial Calibration

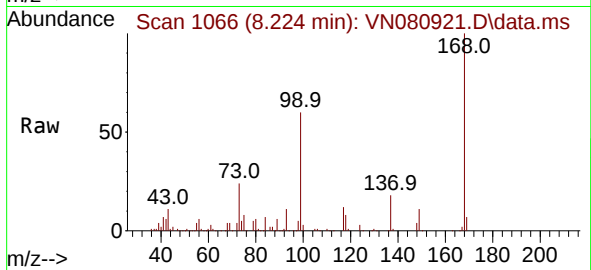
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080921.D
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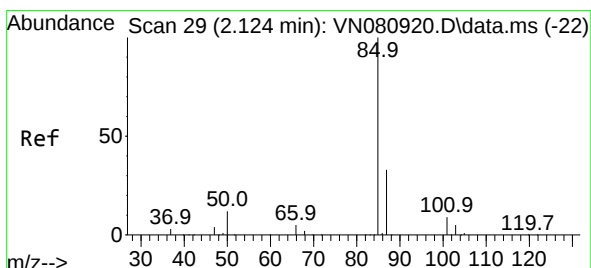
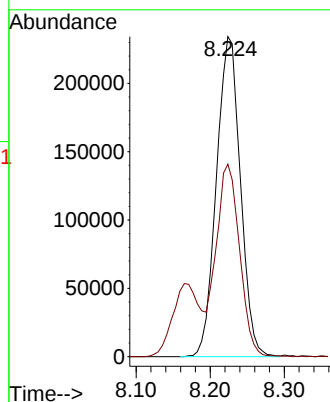
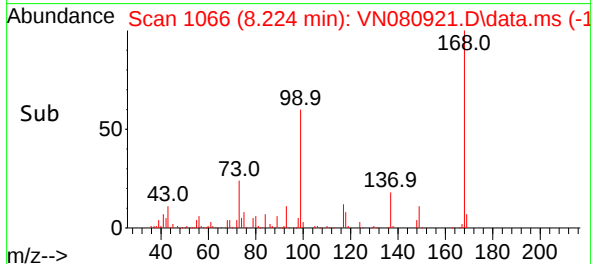
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VSTDICC020



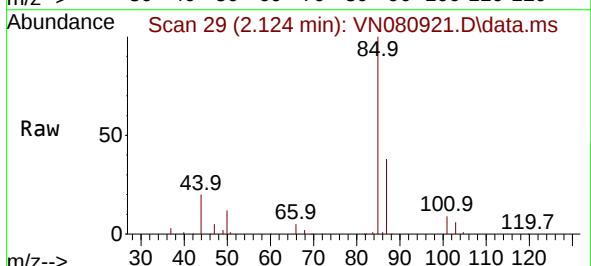
Tgt Ion:168 Resp: 52596
Ion Ratio Lower Upper
168 100
99 59.9 59.9 89.9

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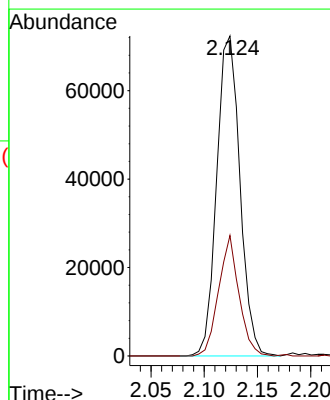
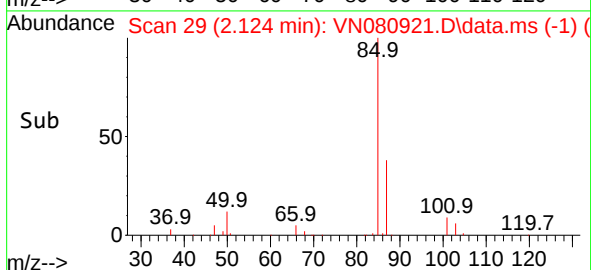
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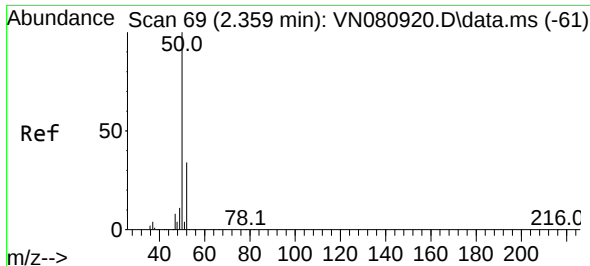


#2
Dichlorodifluoromethane
Concen: 18.368 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



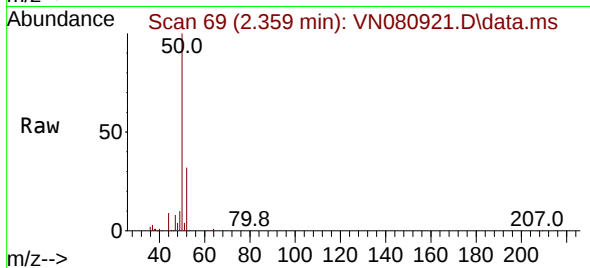
Tgt Ion: 85 Resp: 109455
Ion Ratio Lower Upper
85 100
87 37.6 15.3 45.9





#3
Chloromethane
Concen: 19.325 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

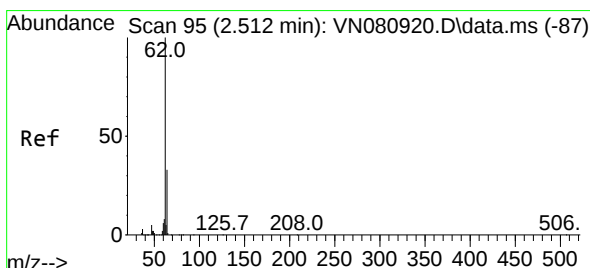
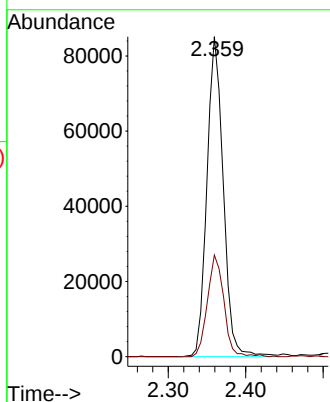
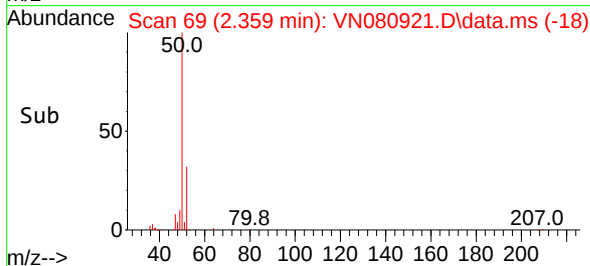
Instrument :
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Tgt Ion: 50 Resp: 124520
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

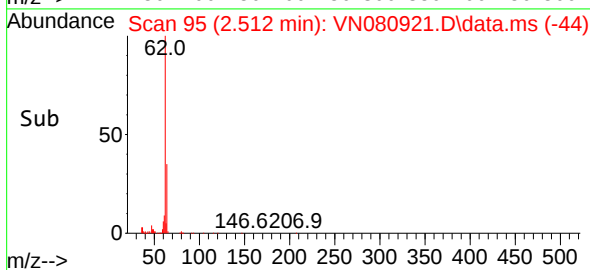
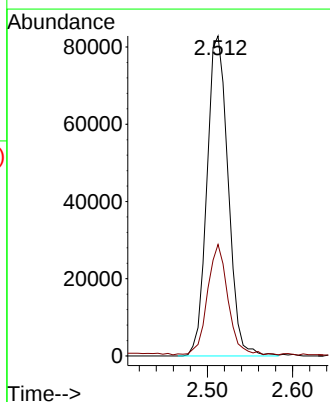
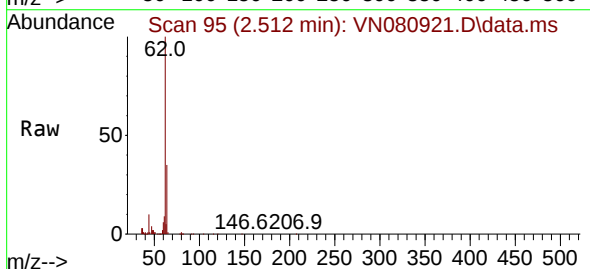
Manual Integrations
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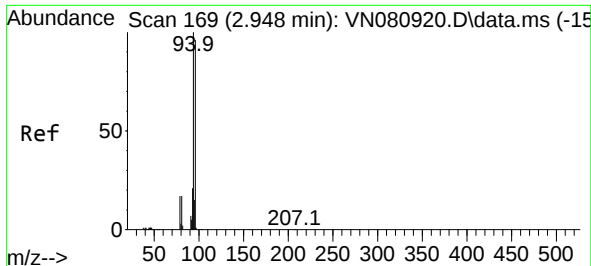
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#4
Vinyl Chloride
Concen: 18.349 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

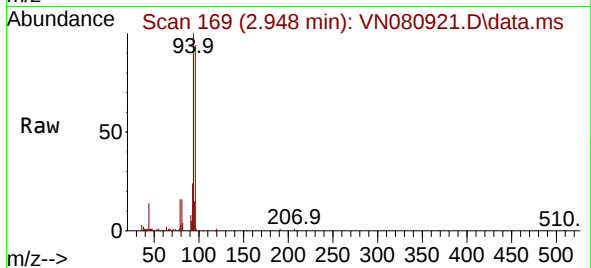
Tgt Ion: 62 Resp: 142799
Ion Ratio Lower Upper
62 100
64 34.5 22.7 34.1





#5
Bromomethane
Concen: 19.352 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

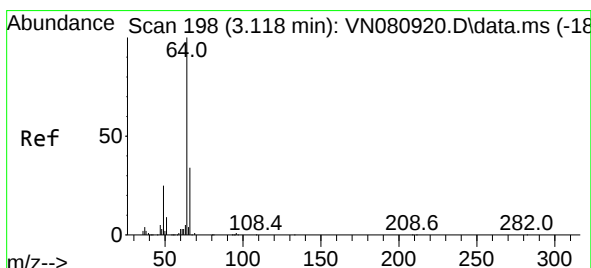
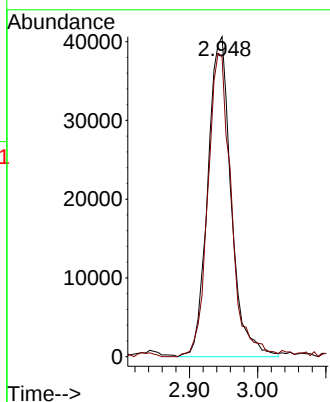
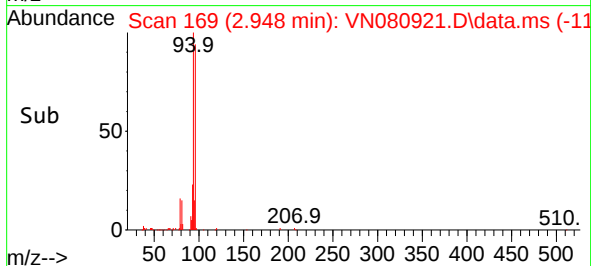
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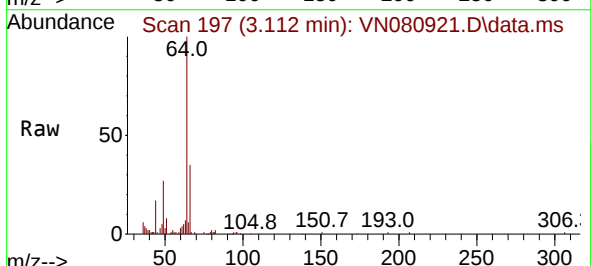
Tgt Ion: 94 Resp: 9688
Ion Ratio Lower Upper
94 100
96 93.7 69.2 103.8

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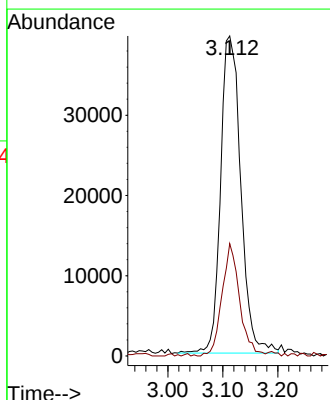
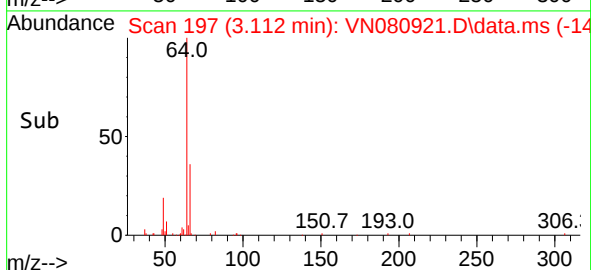
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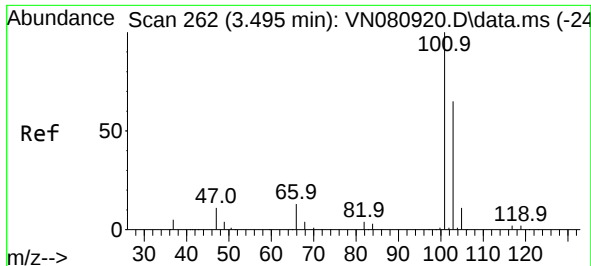


#6
Chloroethane
Concen: 18.376 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080921.D
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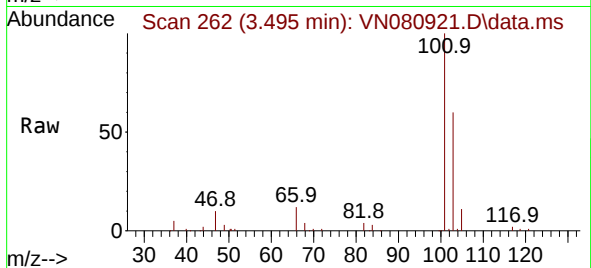
Tgt Ion: 64 Resp: 101141
Ion Ratio Lower Upper
64 100
66 35.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.568 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

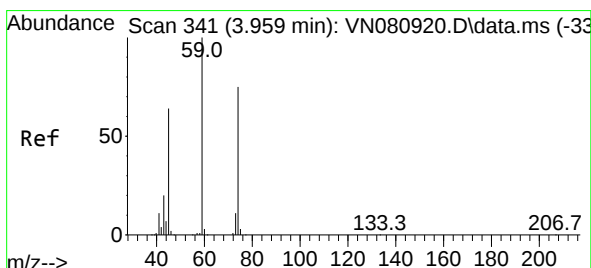
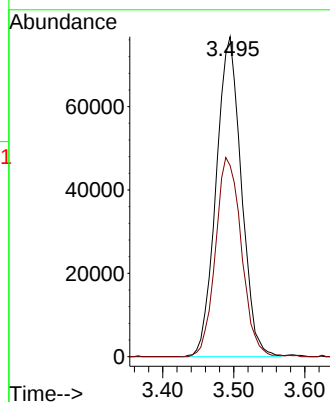
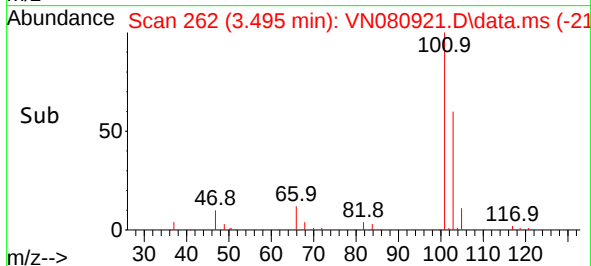
Instrument :
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Tgt Ion:101 Resp: 189204
Ion Ratio Lower Upper
101 100
103 59.7 54.4 81.6

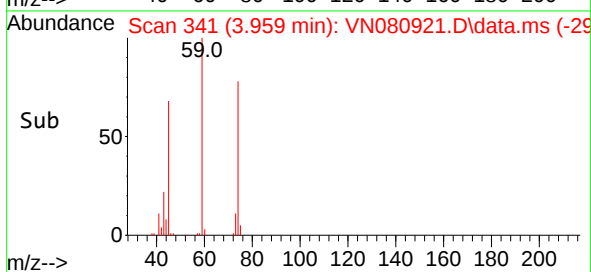
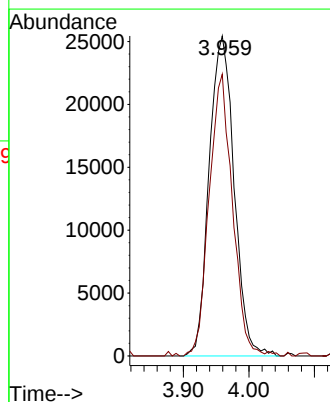
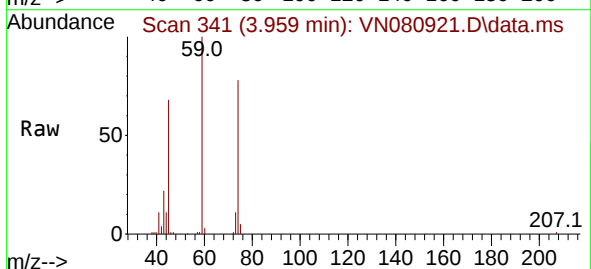
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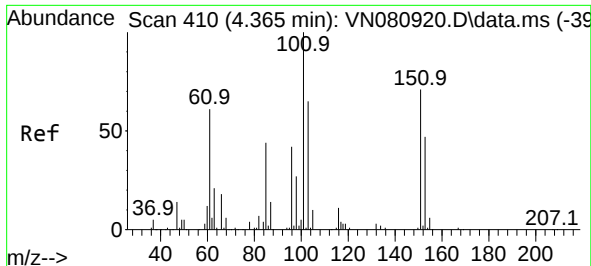
Reviewed By :John Carlone 02/07/2024
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#8
Diethyl Ether
Concen: 18.458 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 74 Resp: 67199
Ion Ratio Lower Upper
74 100
45 81.9 53.3 159.9





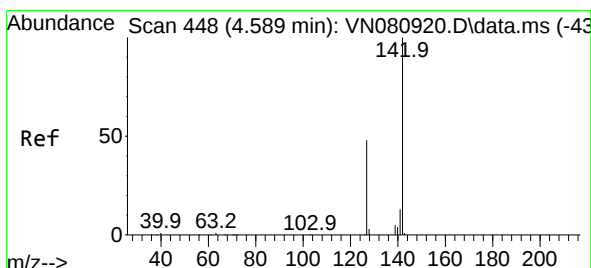
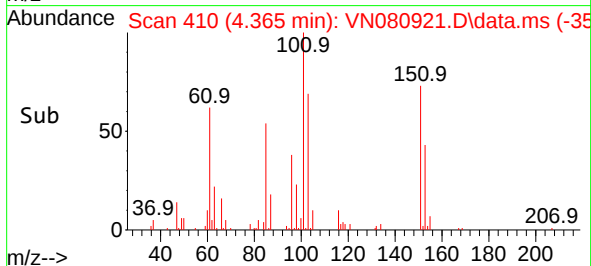
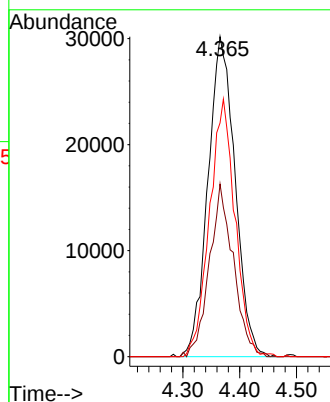
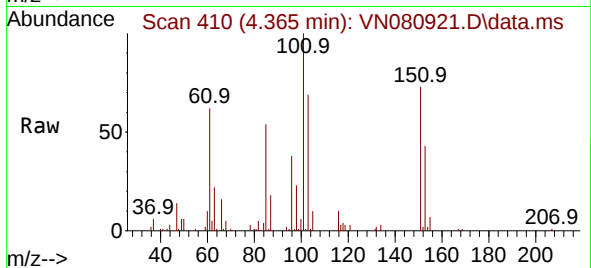
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.438 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 9995
Ion Ratio Lower Upper
101 100
85 47.8 38.1 57.1
151 75.9 49.1 73.7

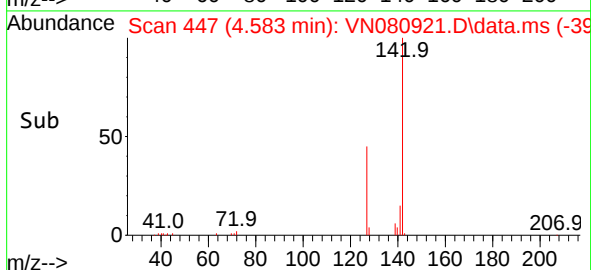
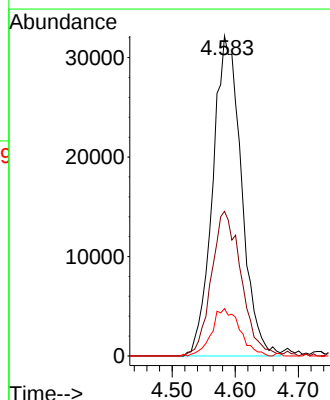
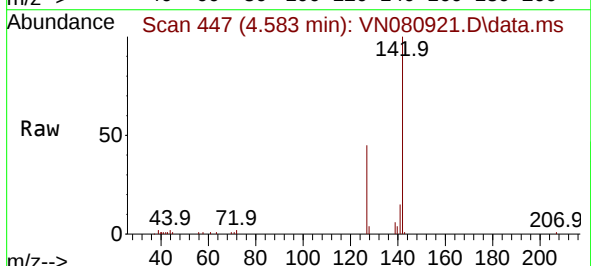
Manual Integrations
APPROVED

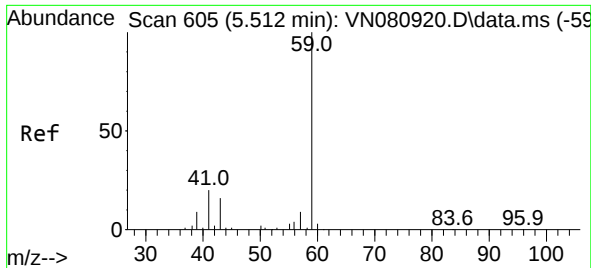
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#10
Methyl Iodide
Concen: 18.289 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

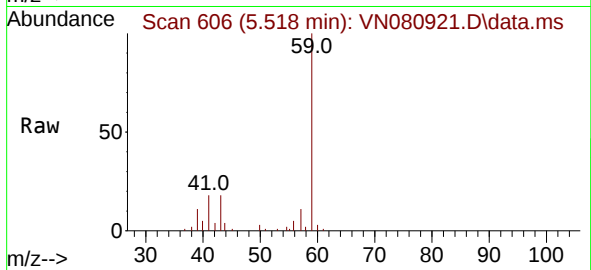
Tgt Ion:142 Resp: 101385
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.4
141 14.8 12.5 18.7





#11
Tert butyl alcohol
Concen: 93.690 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

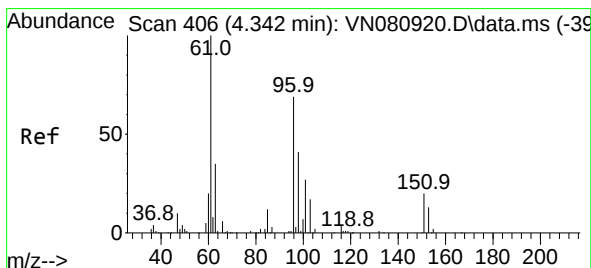
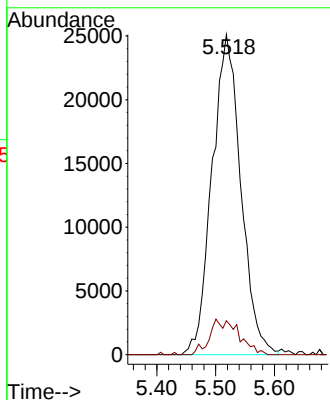
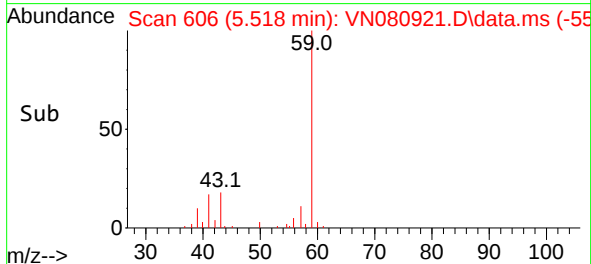
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



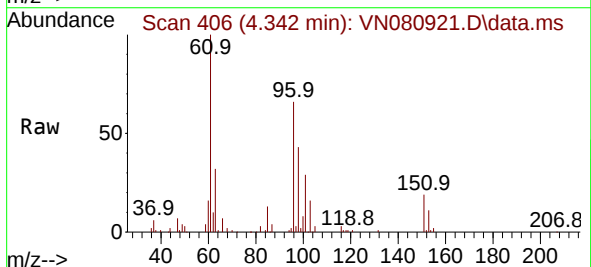
Tgt Ion: 59 Resp: 8565
Ion Ratio Lower Upper
59 100
57 5.2 8.6 12.8

Manual Integrations
APPROVED

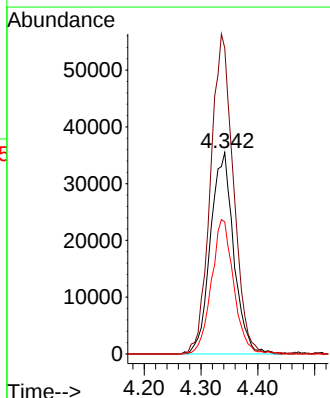
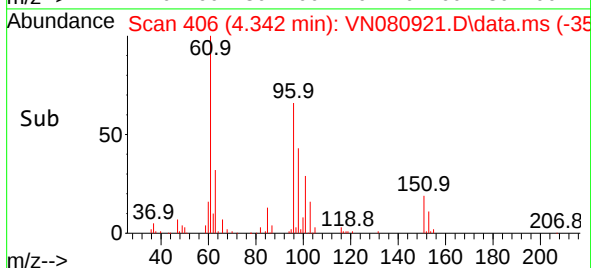
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

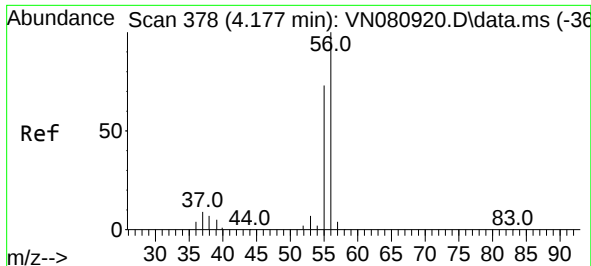


#12
1,1-Dichloroethene
Concen: 17.891 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



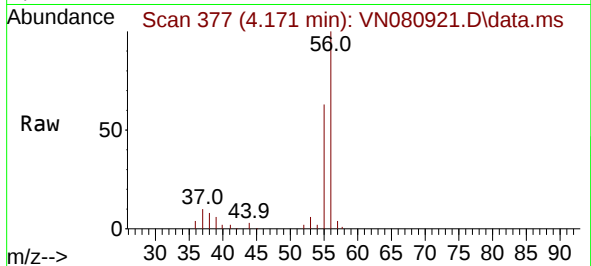
Tgt Ion: 96 Resp: 100888
Ion Ratio Lower Upper
96 100
61 151.8 138.2 207.4
98 65.5 49.2 73.8





#13
Acrolein
Concen: 90.289 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

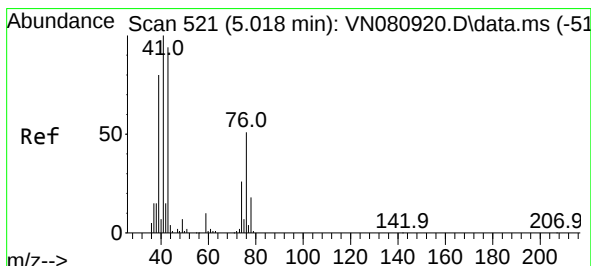
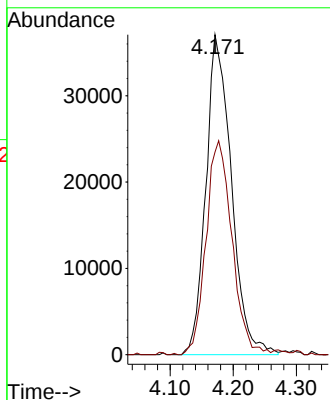
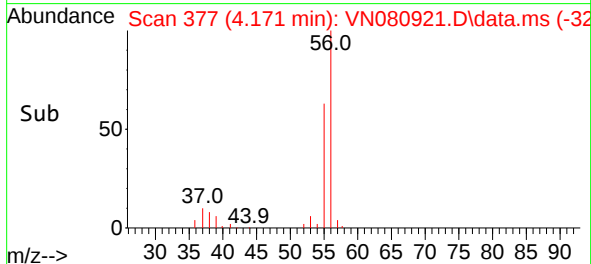
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



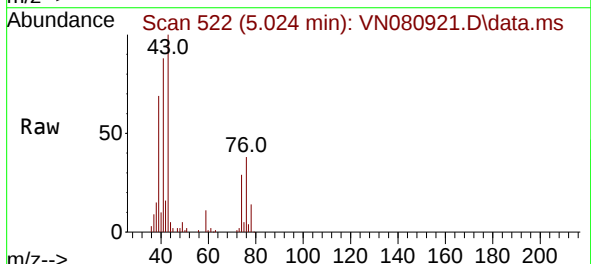
Tgt Ion: 56 Resp: 104034
Ion Ratio Lower Upper
56 100
55 68.1 55.3 82.9

Manual Integrations
APPROVED

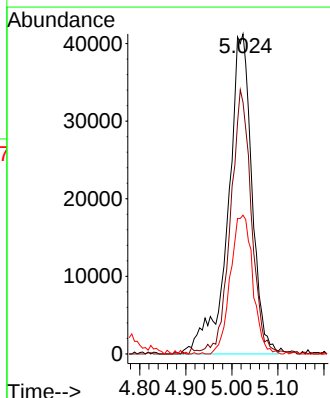
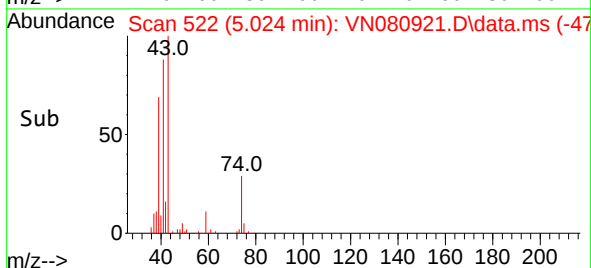
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

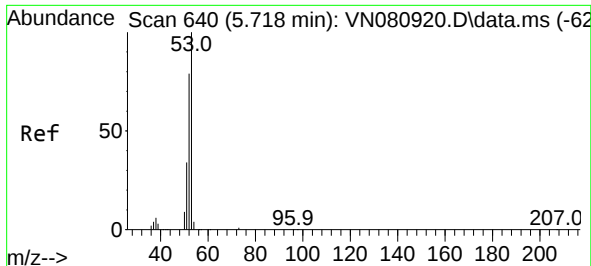


#14
Allyl chloride
Concen: 19.863 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



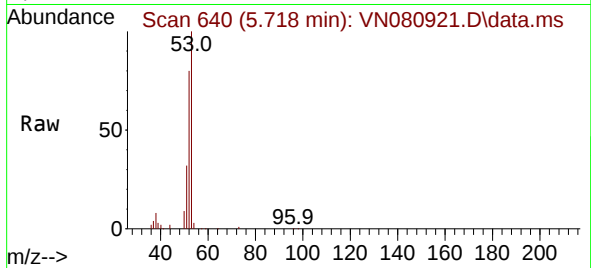
Tgt Ion: 41 Resp: 148408
Ion Ratio Lower Upper
41 100
39 72.3 57.7 86.5
76 40.7 26.8 40.2#





#15
Acrylonitrile
Concen: 95.152 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

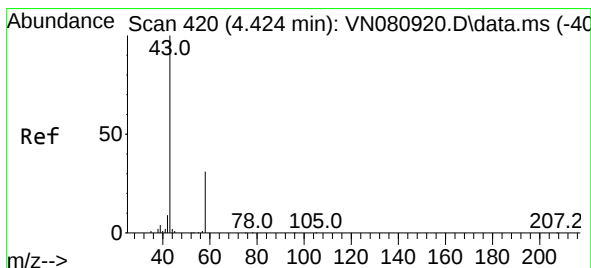
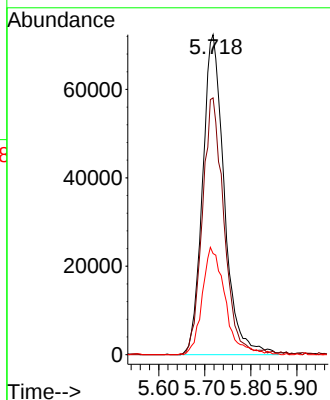
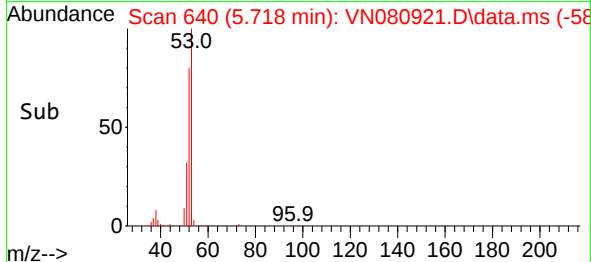
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



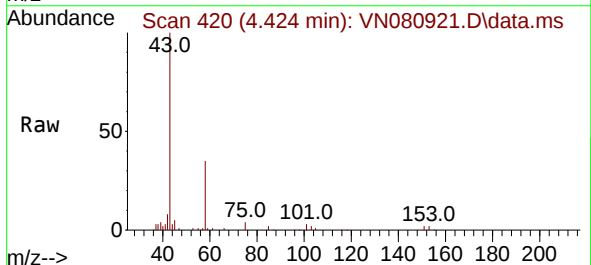
Tgt Ion: 53 Resp: 23777
Ion Ratio Lower Upper
53 100
52 78.9 64.8 97.2
51 35.3 26.9 40.3

Manual Integrations
APPROVED

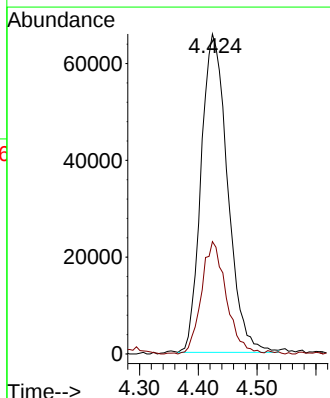
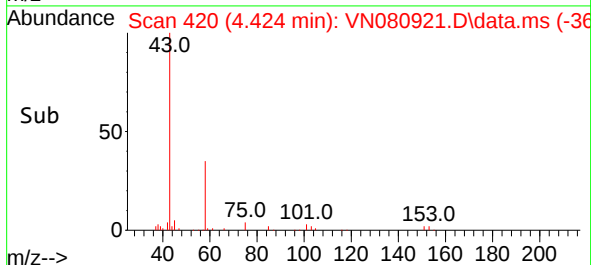
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

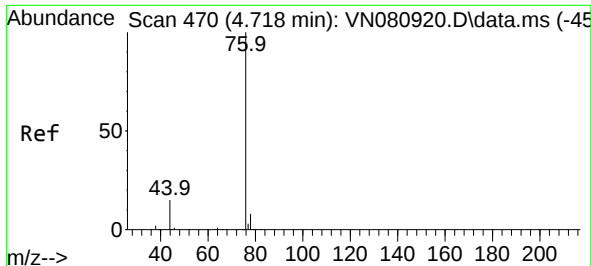


#16
Acetone
Concen: 94.543 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



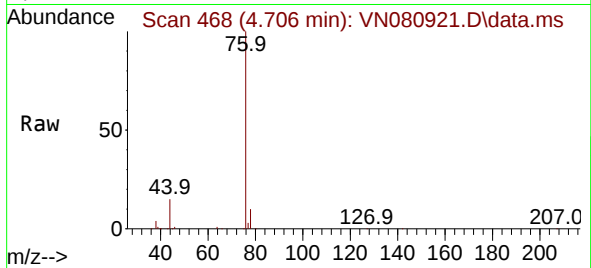
Tgt Ion: 43 Resp: 206382
Ion Ratio Lower Upper
43 100
58 35.3 24.8 37.2





#17
Carbon Disulfide
Concen: 18.327 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

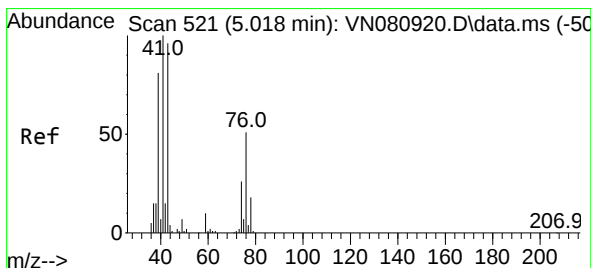
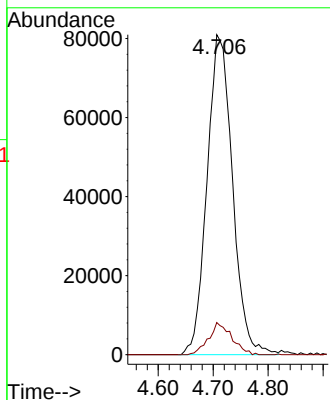
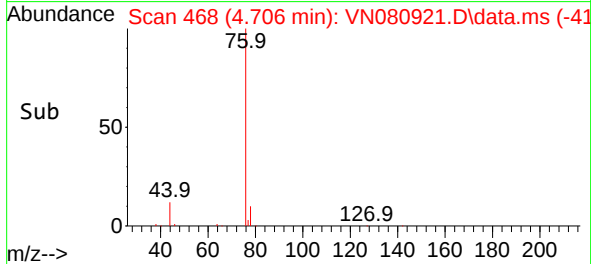
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 26066
Ion Ratio Lower Upper
76 100
78 10.0 6.3 9.5

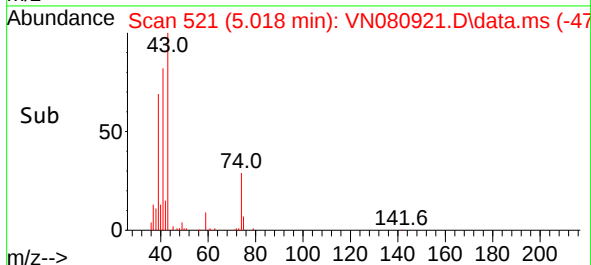
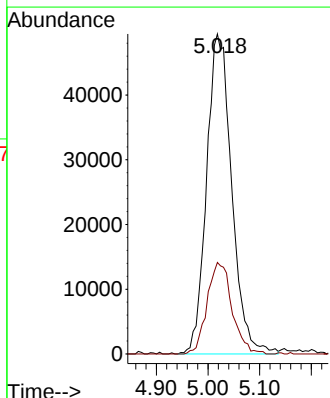
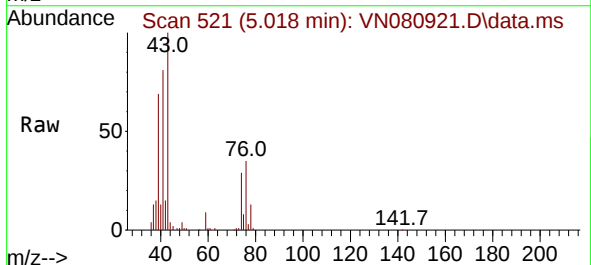
Manual Integrations
APPROVED

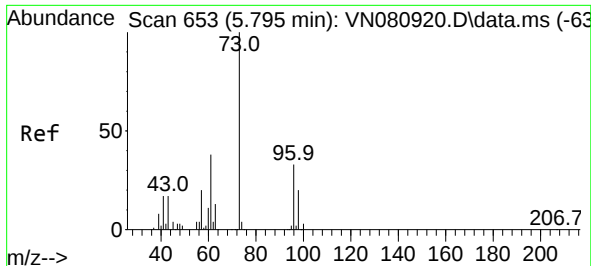
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#18
Methyl Acetate
Concen: 24.294 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

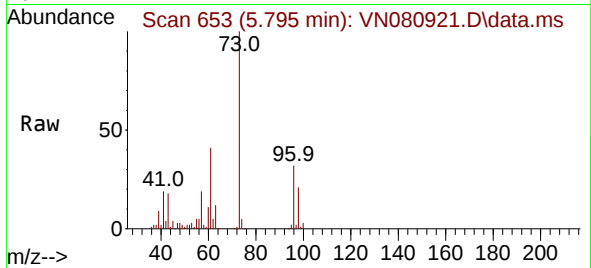
Tgt Ion: 43 Resp: 166654
Ion Ratio Lower Upper
43 100
74 28.4 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 18.511 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

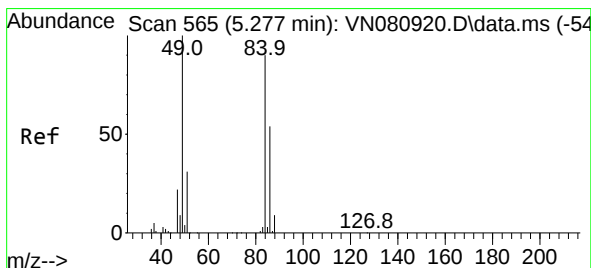
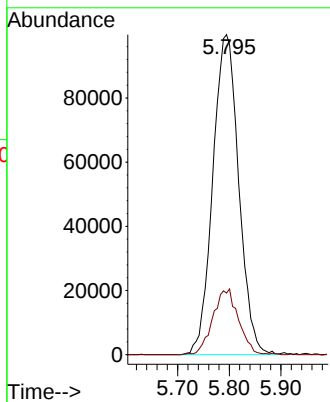
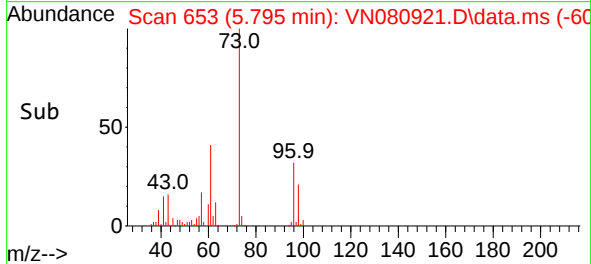
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 73 Resp: 34770
Ion Ratio Lower Upper
73 100
57 19.3 18.2 27.4

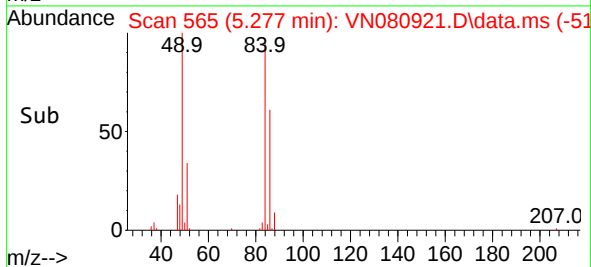
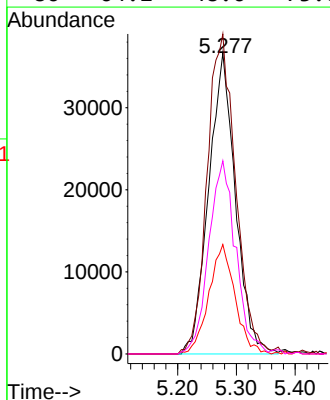
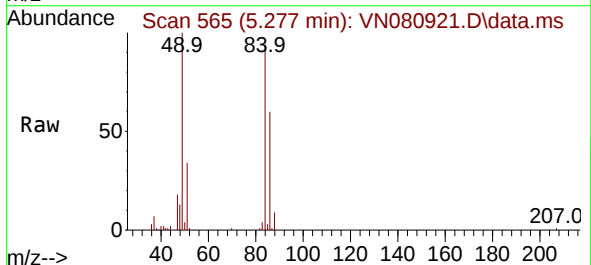
Manual Integrations
APPROVED

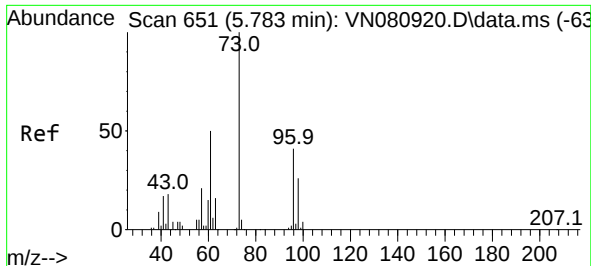
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 17.547 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

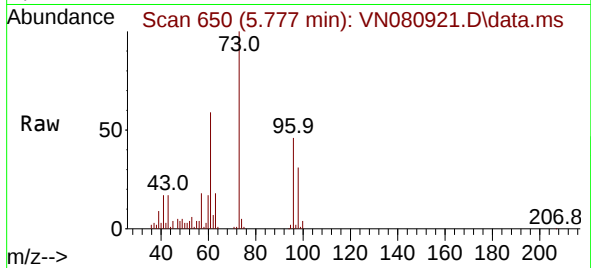
Tgt Ion: 84 Resp: 116051
Ion Ratio Lower Upper
84 100
49 106.3 108.1 162.1#
51 36.3 32.9 49.3
86 64.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.502 ug/l
RT: 5.777 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

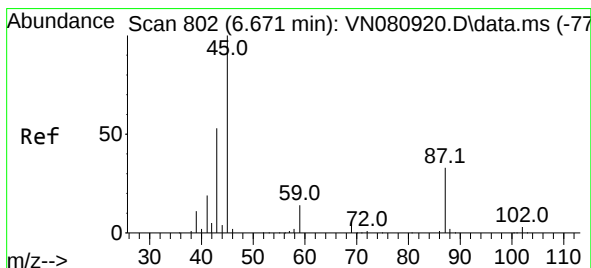
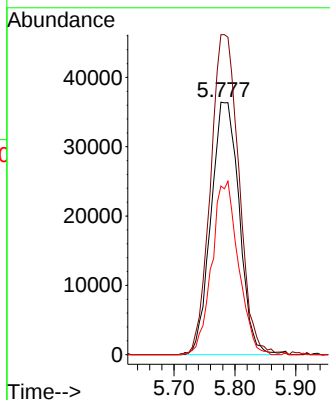
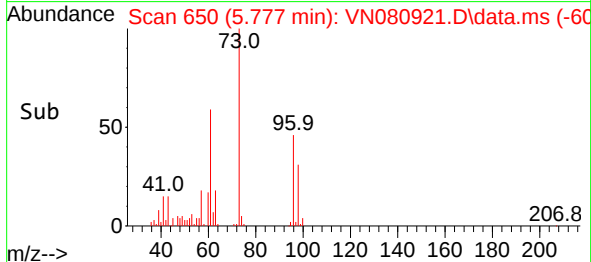
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 117115
Ion Ratio Lower Upper
96 100
61 126.8 112.8 169.2
98 66.8 51.0 76.4

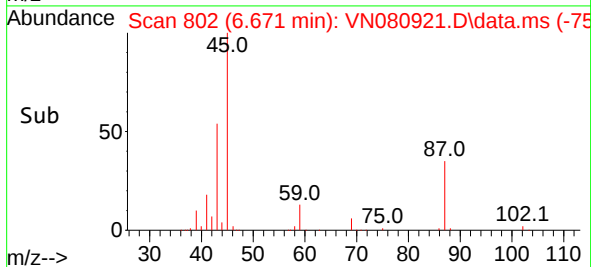
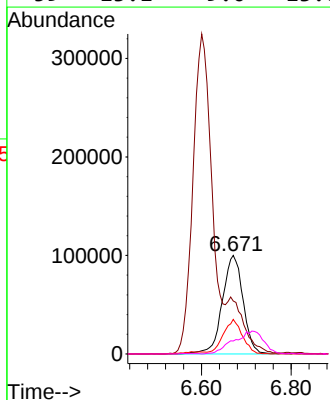
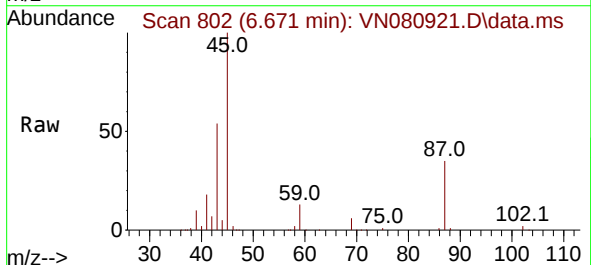
Manual Integrations
APPROVED

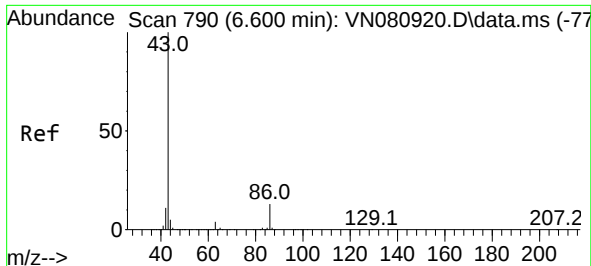
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 18.543 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

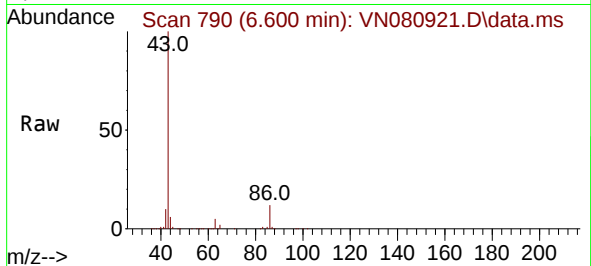
Tgt Ion: 45 Resp: 321135
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 35.0 18.1 27.1#
59 13.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 83.606 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33

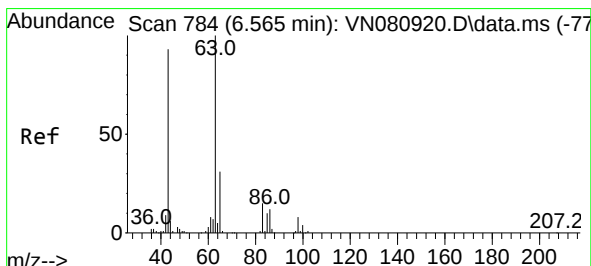
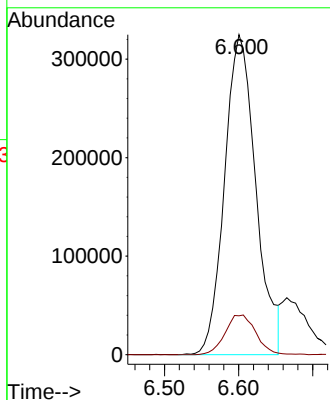
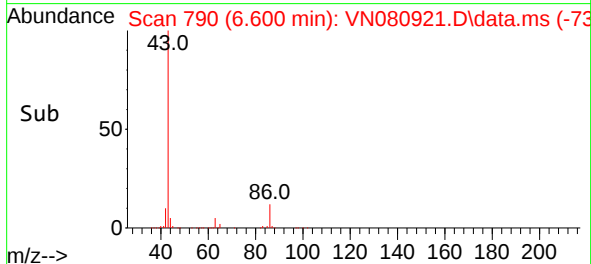
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



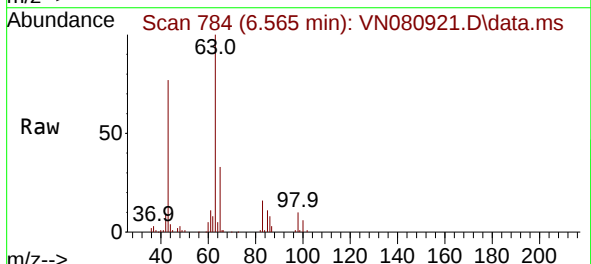
Tgt Ion: 43 Resp: 954094
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7

Manual Integrations
 APPROVED

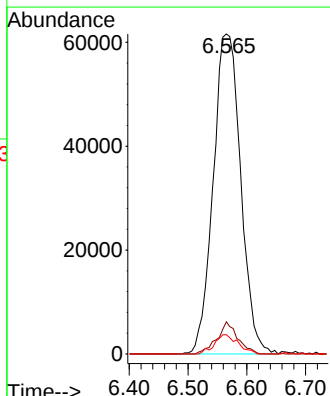
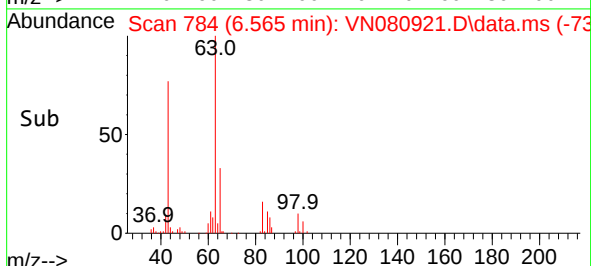
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

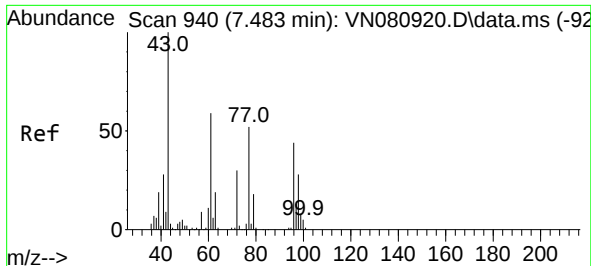


#24
 1,1-Dichloroethane
 Concen: 17.753 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33



Tgt Ion: 63 Resp: 200230
 Ion Ratio Lower Upper
 63 100
 98 10.1 2.9 8.6#
 100 6.0 1.9 5.7#





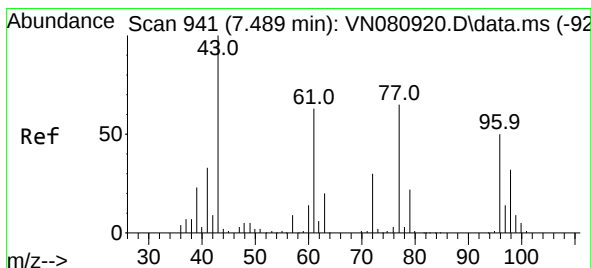
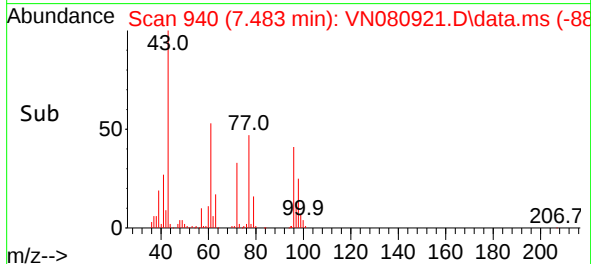
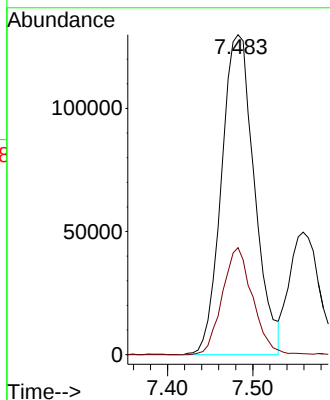
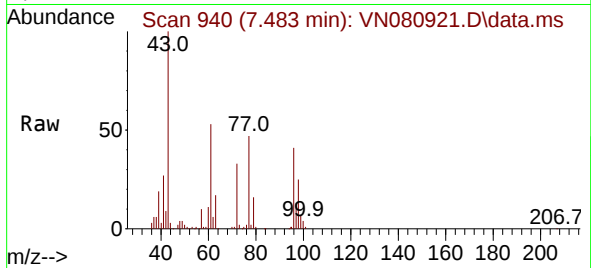
#25
2-Butanone
Concen: 99.694 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020

Tgt Ion: 43 Resp: 349309
Ion Ratio Lower Upper
43 100
72 33.5 19.5 29.3

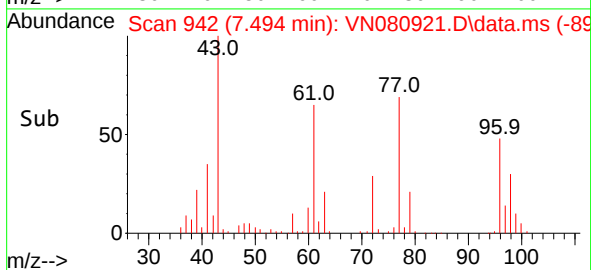
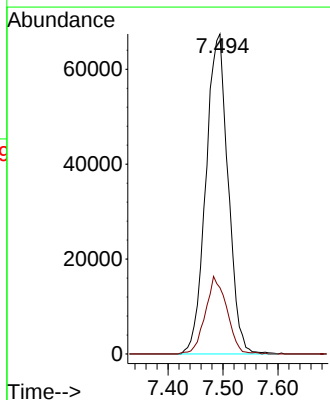
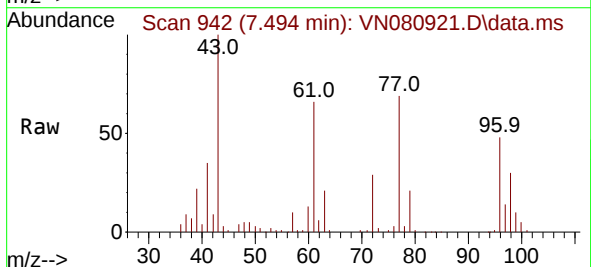
Manual Integrations
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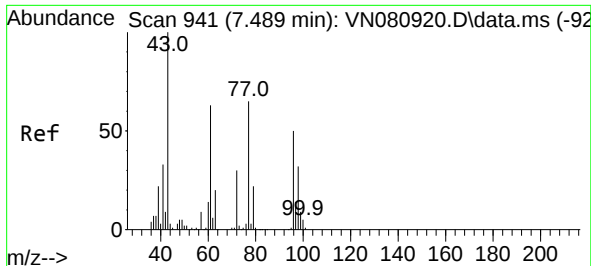
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#26
2,2-Dichloropropane
Concen: 18.342 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 77 Resp: 189169
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.447 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

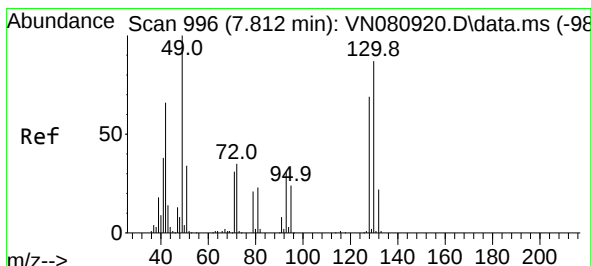
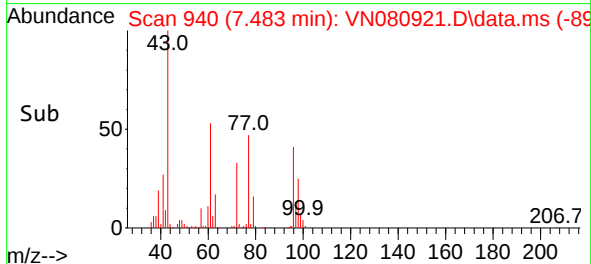
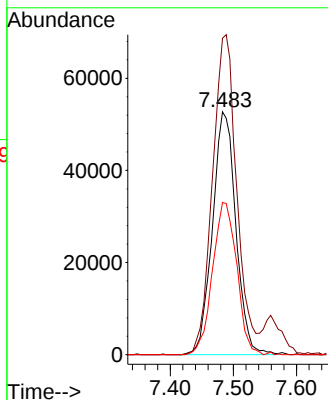
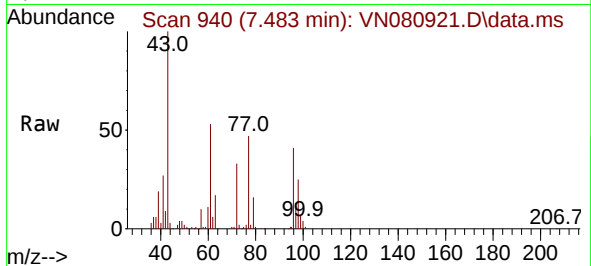
ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 135680
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 325.4
 98 64.7 0.0 130.4

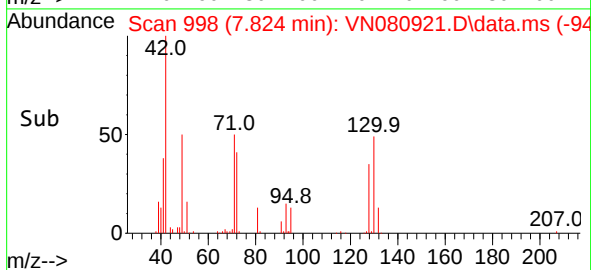
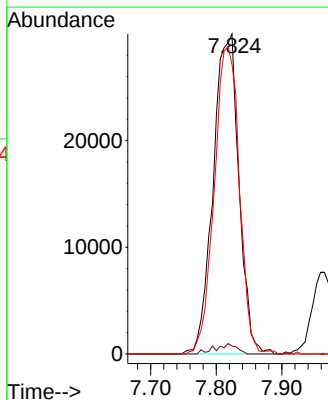
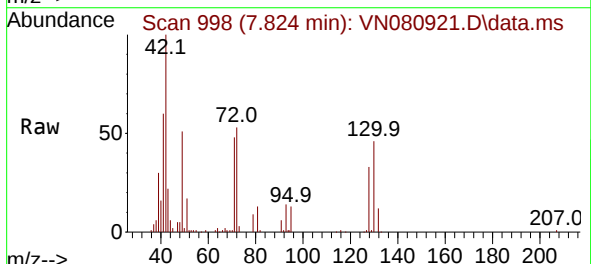
Manual Integrations
 APPROVED

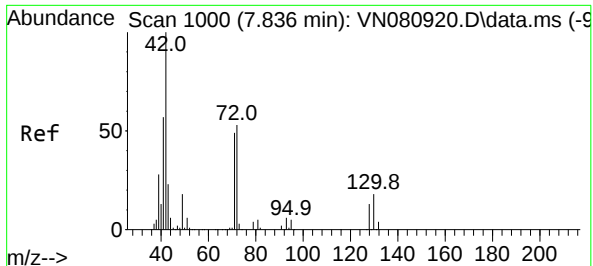
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#28
 Bromochloromethane
 Concen: 17.353 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33

Tgt Ion: 49 Resp: 81437
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 1.6#
 130 93.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 104.653 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 22418

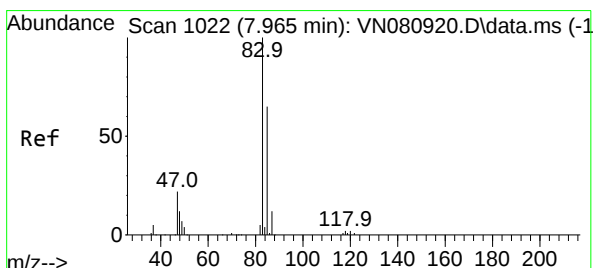
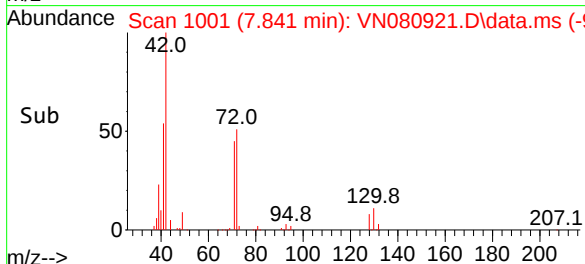
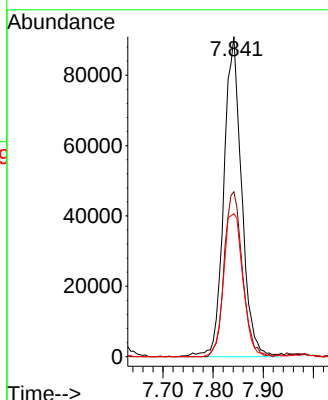
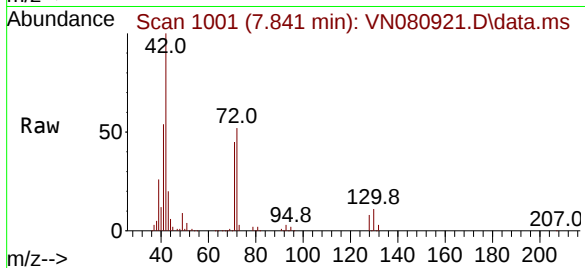
Ion	Ratio	Lower	Upper
42	100		
72	52.7	31.1	46.7
71	48.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#30

Chloroform

Concen: 20.749 ug/l

RT: 7.965 min Scan# 1022

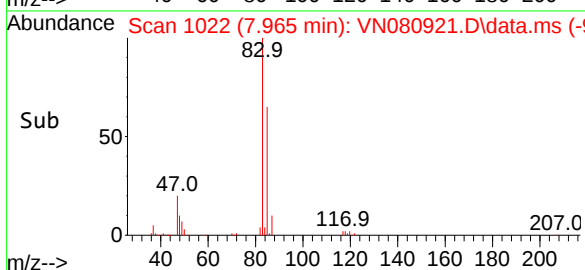
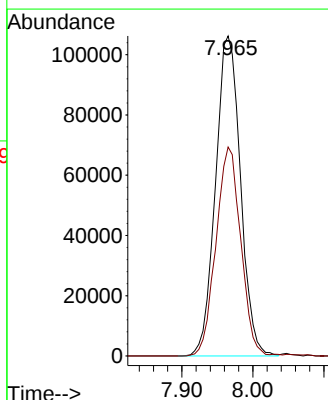
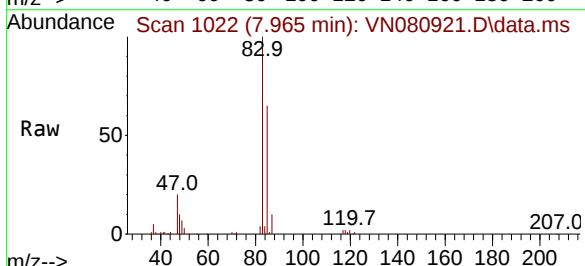
Delta R.T. -0.000 min

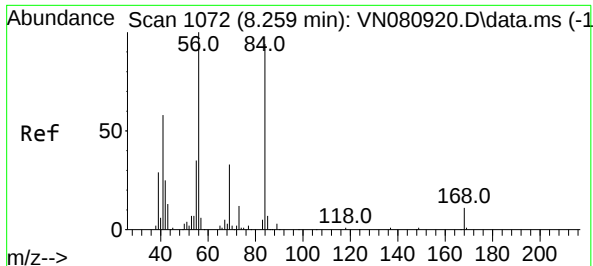
Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Tgt Ion: 83 Resp: 258619

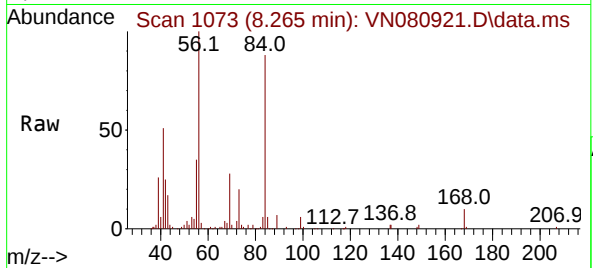
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.0	76.6





#31
Cyclohexane
Concen: 20.168 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

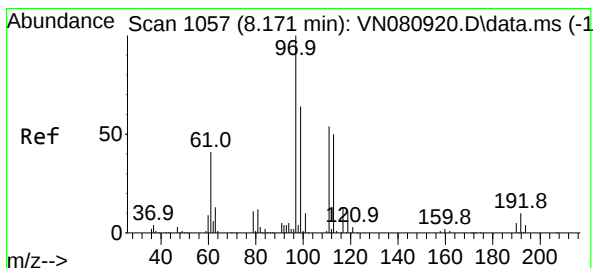
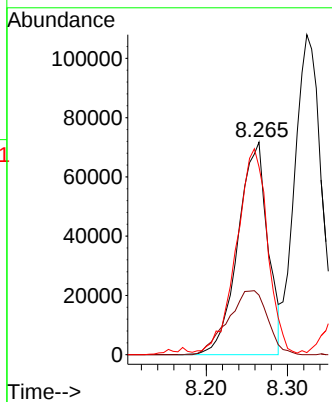
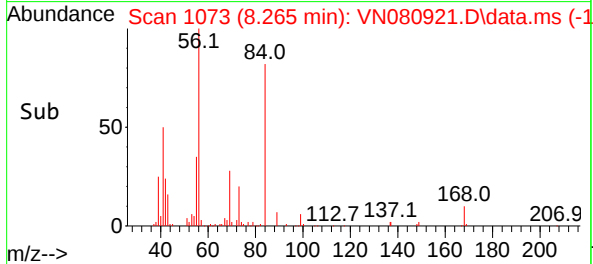
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 18288
Ion Ratio Lower Upper
56 100
69 28.0 20.1 30.1
84 87.0 56.9 85.3

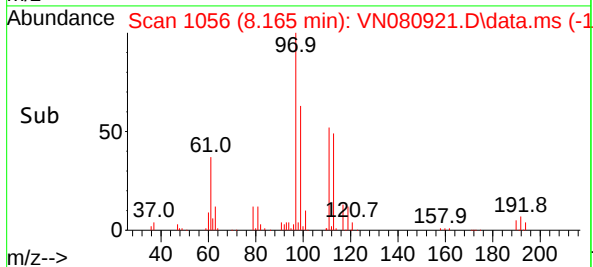
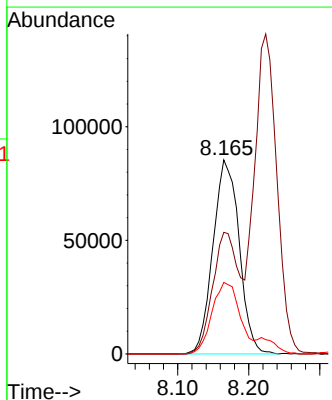
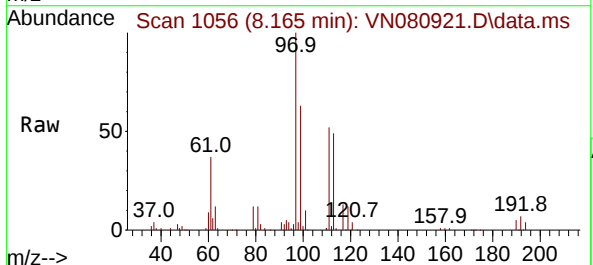
Manual Integrations
APPROVED

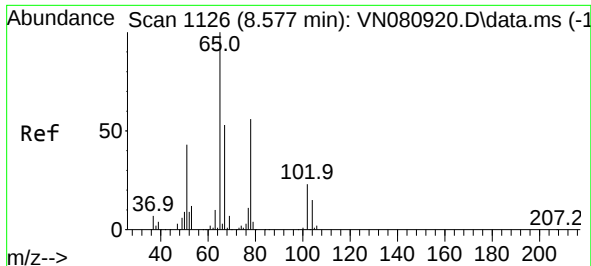
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#32
1,1,1-Trichloroethane
Concen: 20.222 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 97 Resp: 218399
Ion Ratio Lower Upper
97 100
99 64.5 53.4 80.0
61 39.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 17.314 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 114879

Ion Ratio Lower Upper

65 100

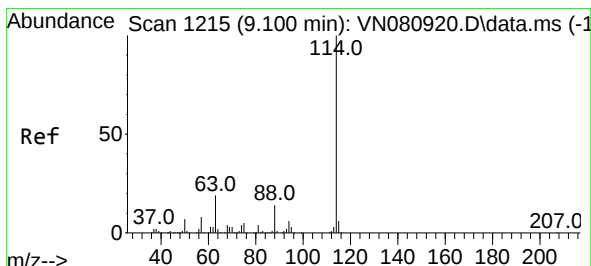
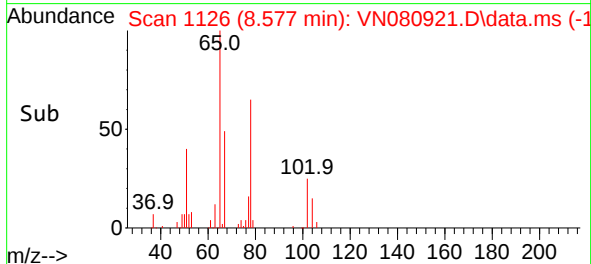
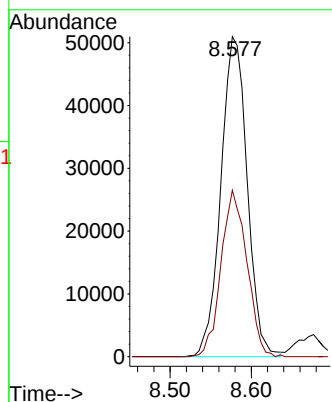
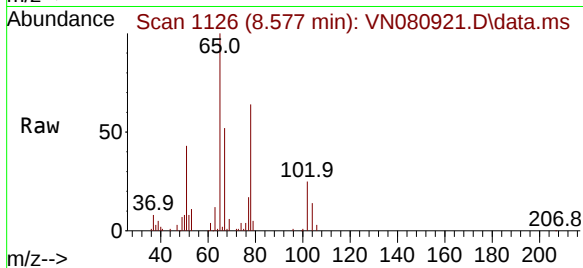
67 51.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

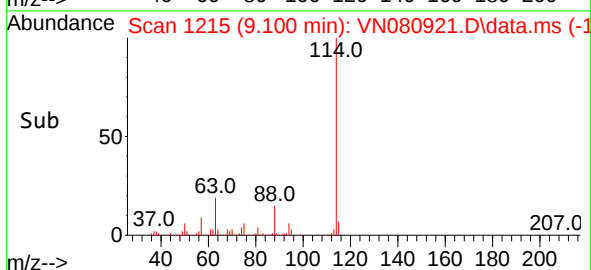
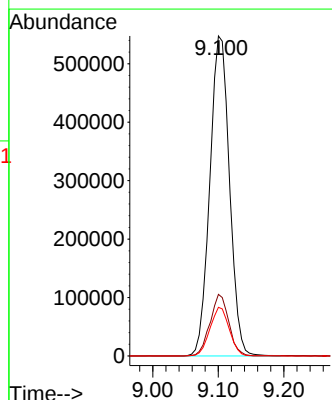
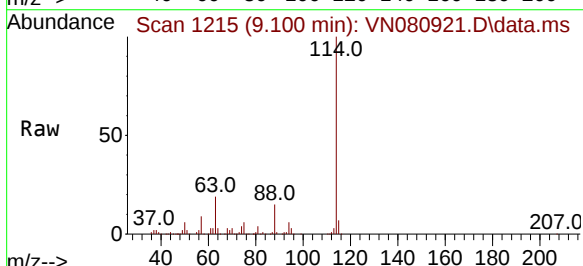
Tgt Ion:114 Resp: 1139753

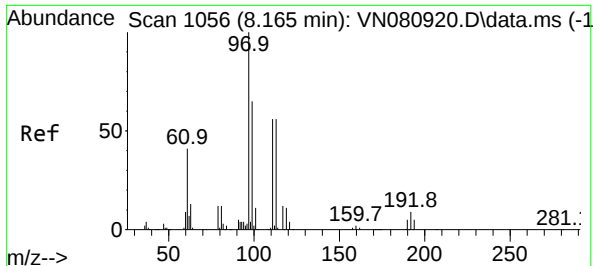
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 17.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 10450

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

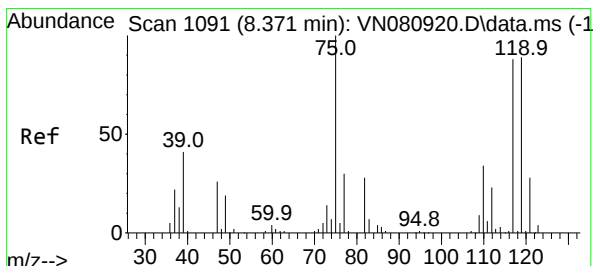
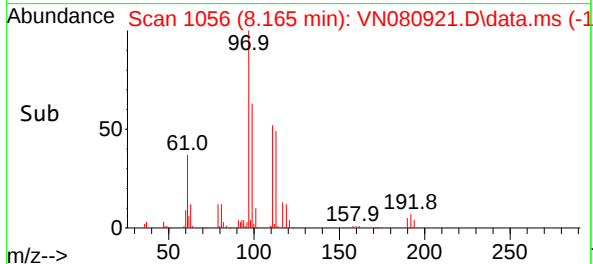
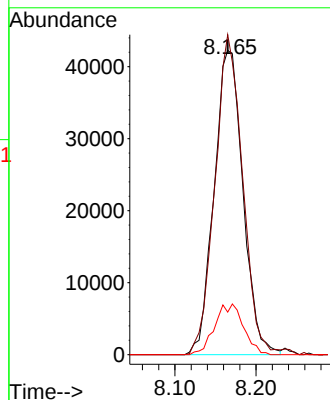
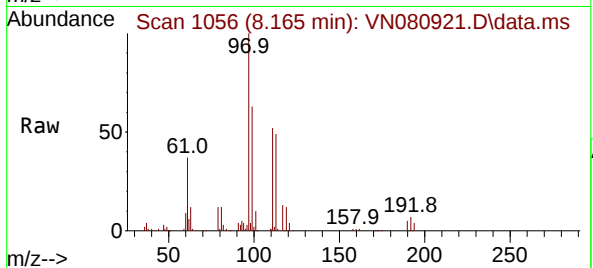
192 16.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#36

1,1-Dichloropropene

Concen: 19.767 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

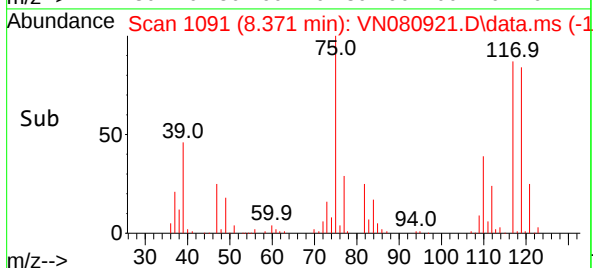
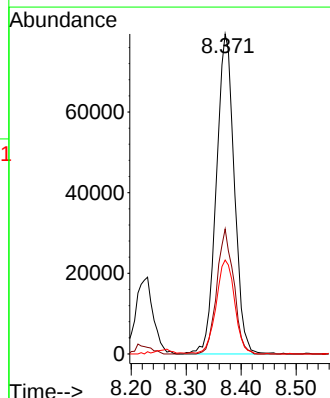
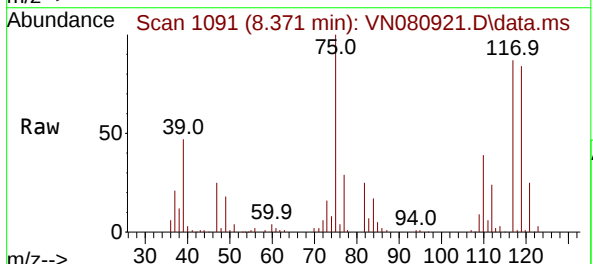
Tgt Ion: 75 Resp: 179845

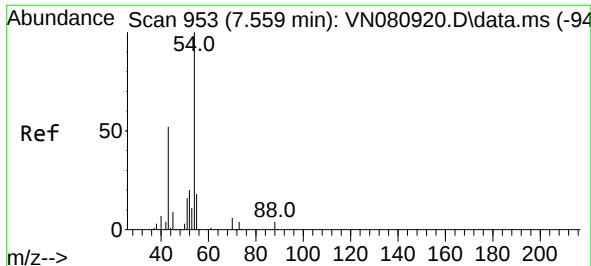
Ion Ratio Lower Upper

75 100

110 36.8 16.0 48.0

77 30.4 25.8 38.6





#37

Ethyl Acetate

Concen: 18.455 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 12705

Ion Ratio Lower Upper

43 100

61 12.5 10.6 15.8

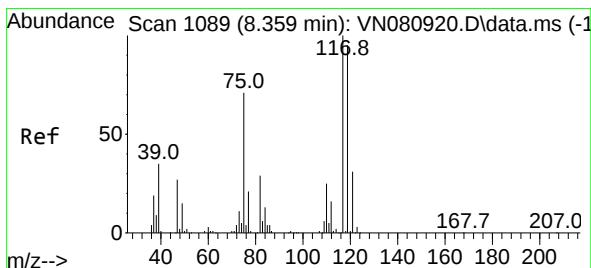
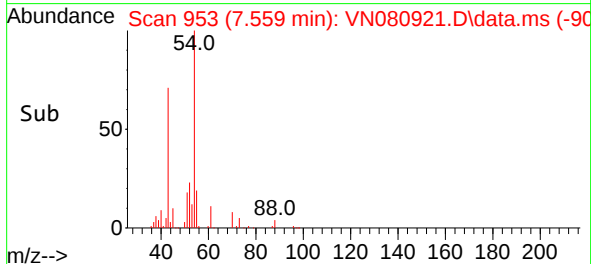
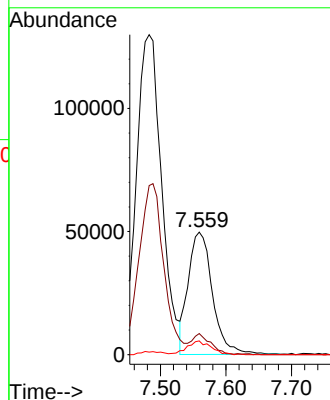
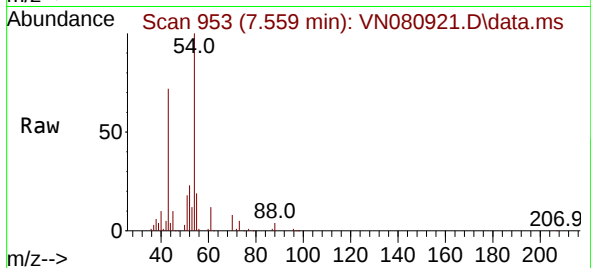
70 11.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#38

Carbon Tetrachloride

Concen: 21.169 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

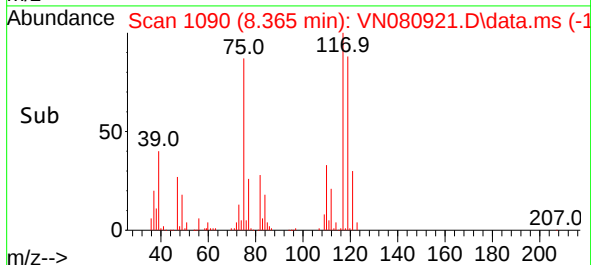
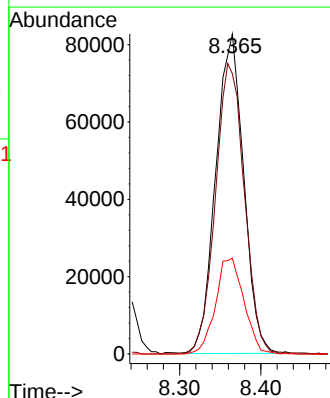
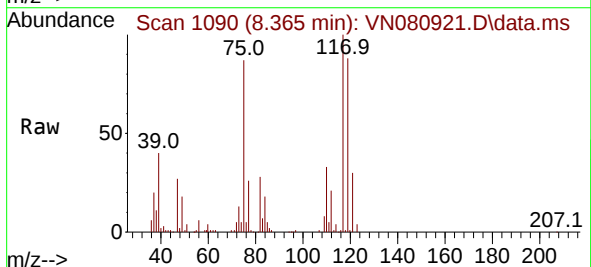
Tgt Ion:117 Resp: 197440

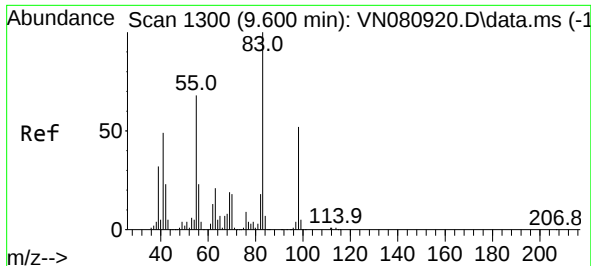
Ion Ratio Lower Upper

117 100

119 87.5 73.4 110.2

121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 21.003 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

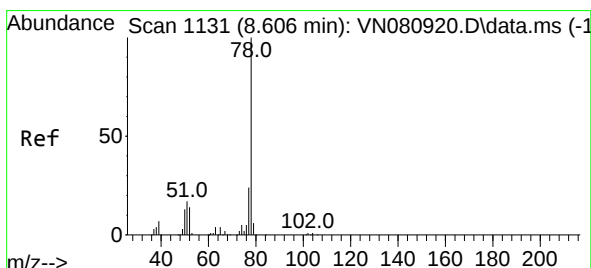
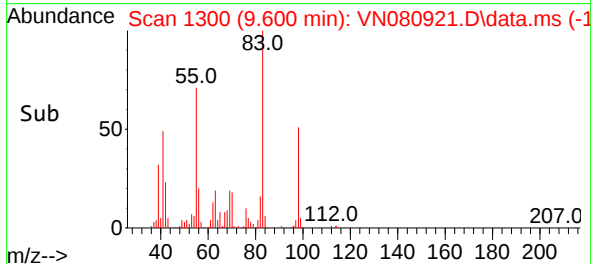
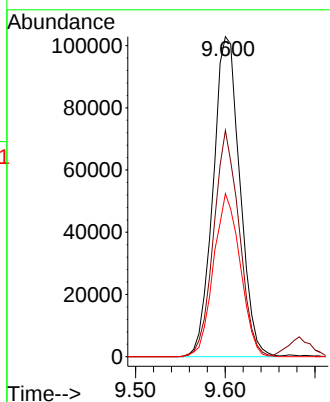
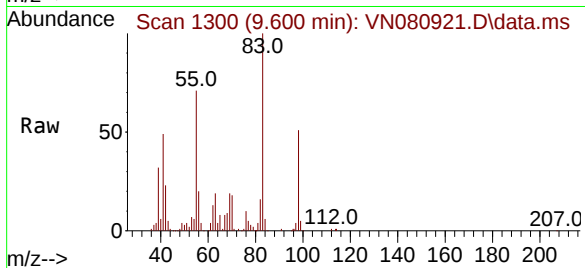
Tgt Ion:	83	Resp:	21298
Ion	Ratio	Lower	Upper
83	100		
55	70.7	65.7	98.5
98	50.9	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#40

Benzene

Concen: 18.927 ug/l

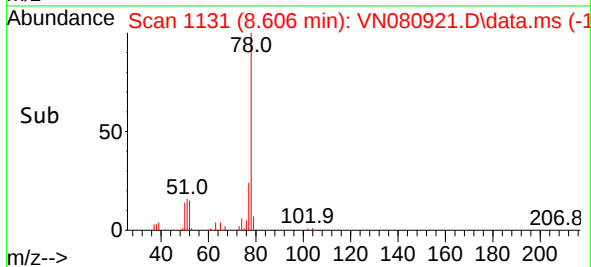
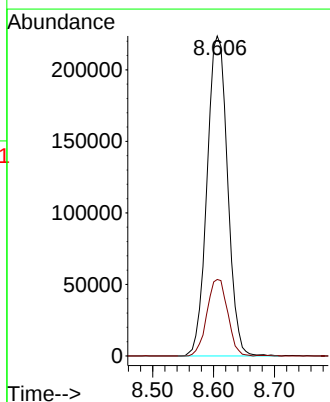
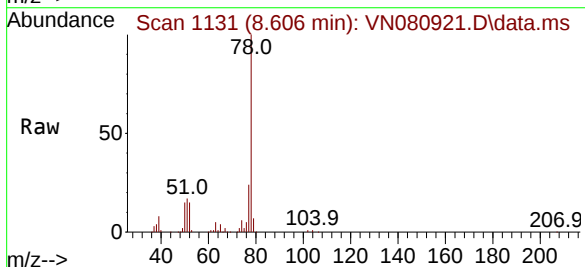
RT: 8.606 min Scan# 1131

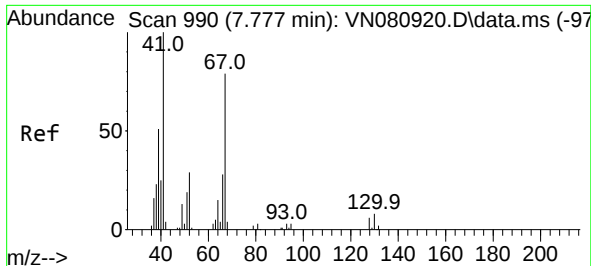
Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Tgt Ion:	78	Resp:	524188
Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.4	30.6





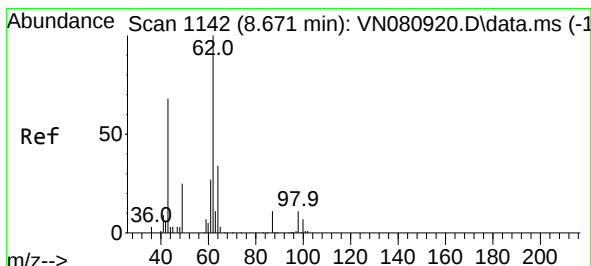
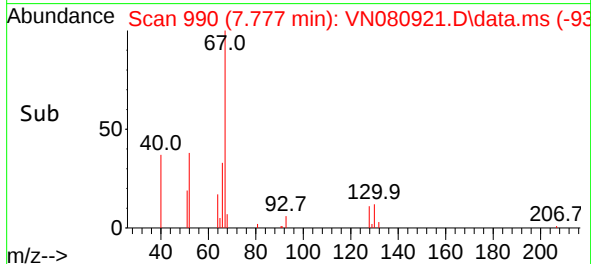
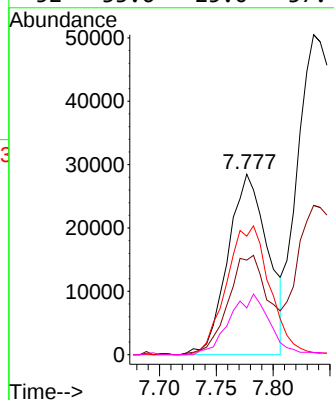
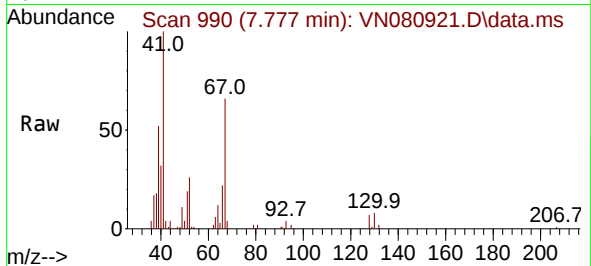
#41
Methacrylonitrile
Concen: 17.018 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 6982
Ion Ratio Lower Upper
41 100
39 55.9 48.4 72.6
67 77.1 56.8 85.2
52 33.6 25.0 37.4

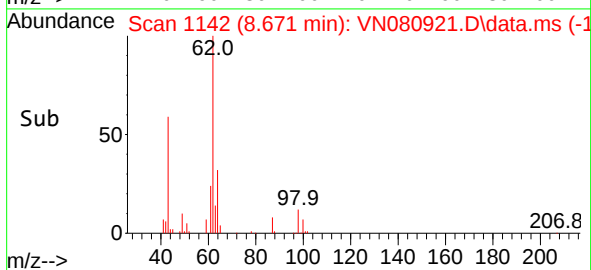
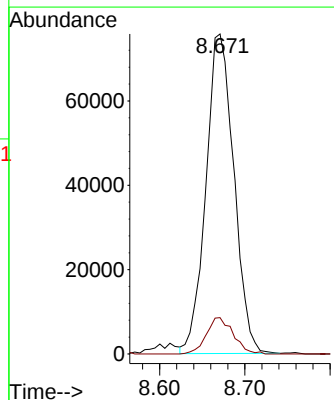
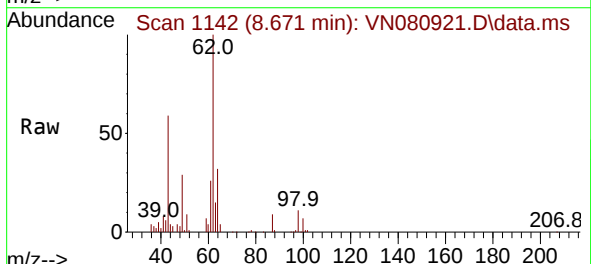
Manual Integrations
APPROVED

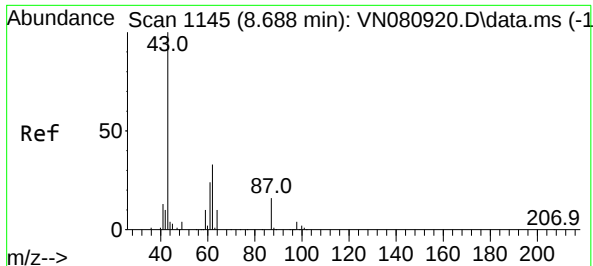
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#42
1,2-Dichloroethane
Concen: 17.912 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

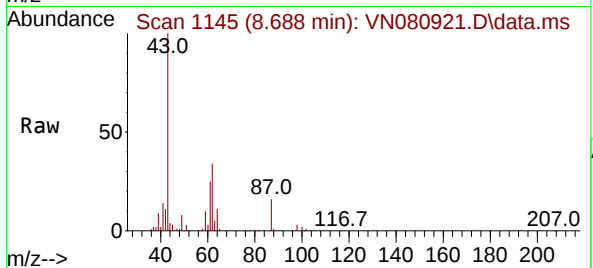
Tgt Ion: 62 Resp: 172728
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.221 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

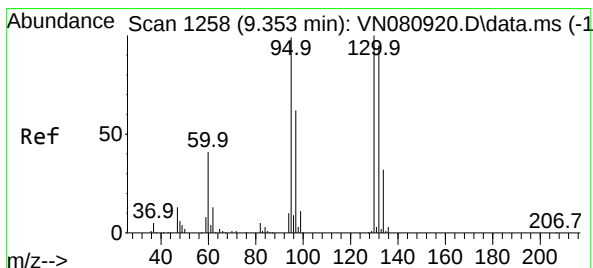
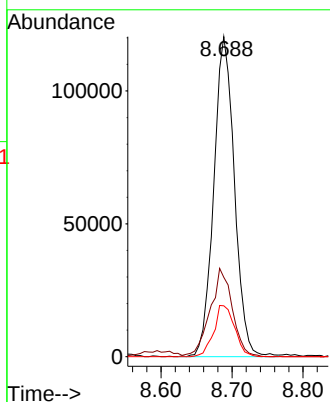
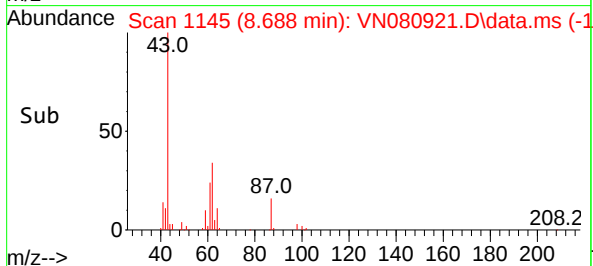
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 243332
Ion Ratio Lower Upper
43 100
61 29.7 19.9 29.9
87 16.2 9.0 13.6

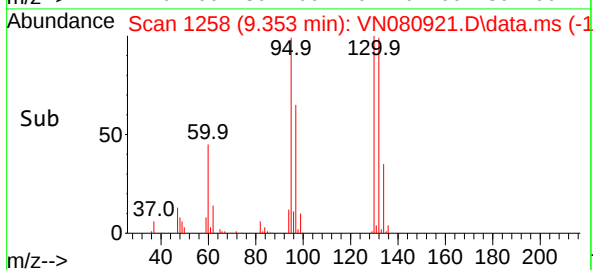
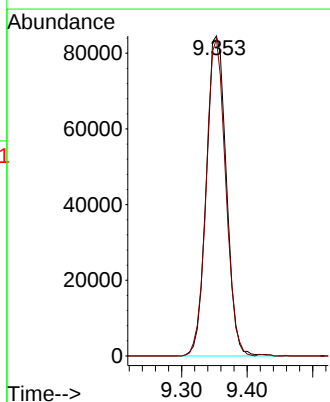
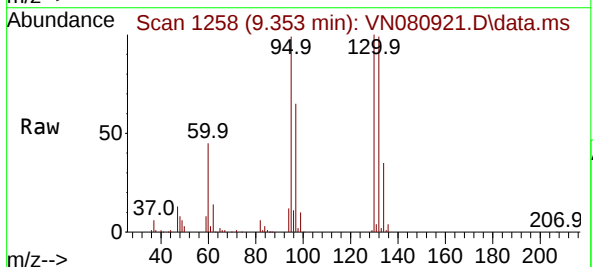
Manual Integrations
APPROVED

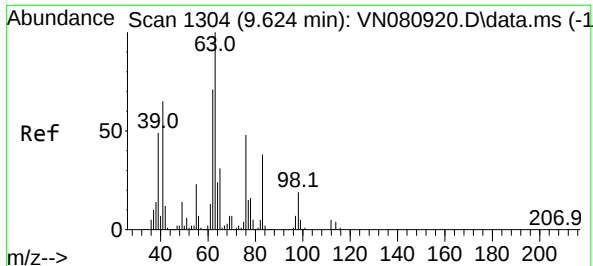
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#44
Trichloroethene
Concen: 21.230 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion:130 Resp: 178596
Ion Ratio Lower Upper
130 100
95 99.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.588 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 153840

Ion Ratio Lower Upper

63 100

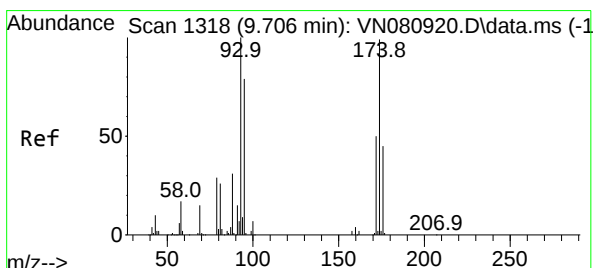
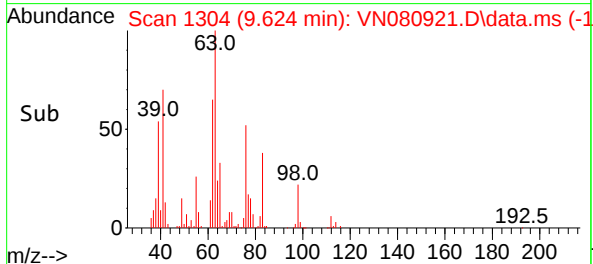
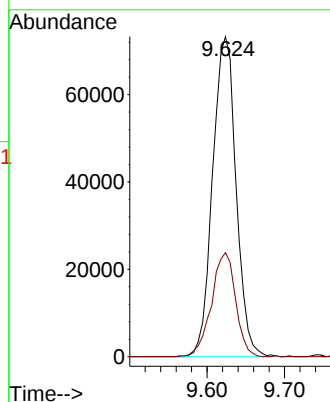
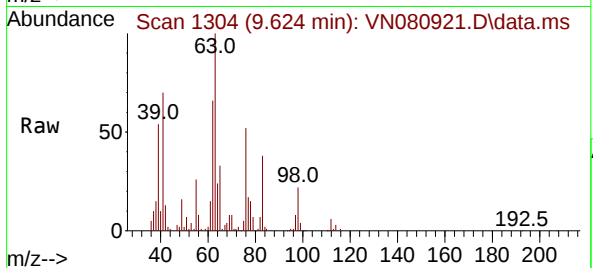
65 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#46

Dibromomethane

Concen: 20.235 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

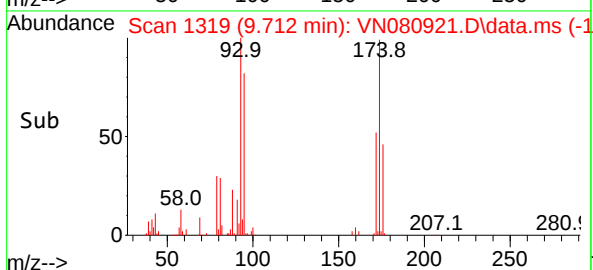
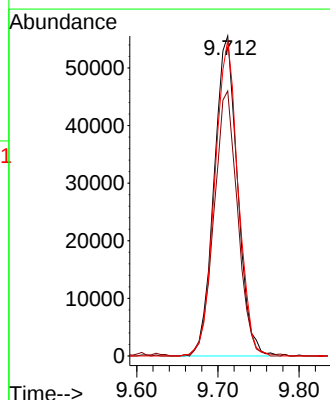
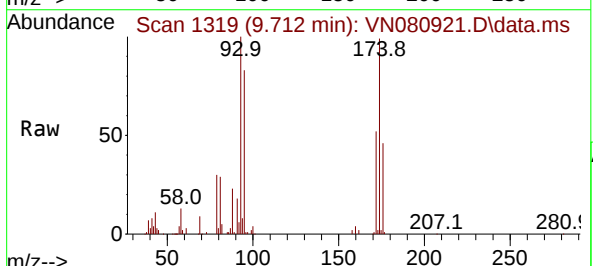
Tgt Ion: 93 Resp: 111810

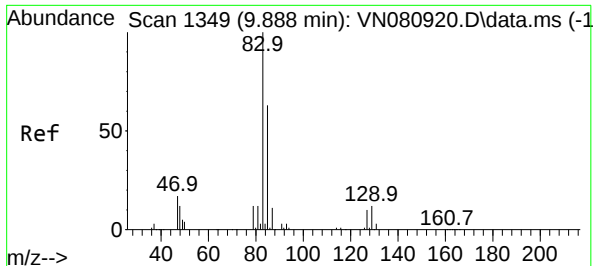
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

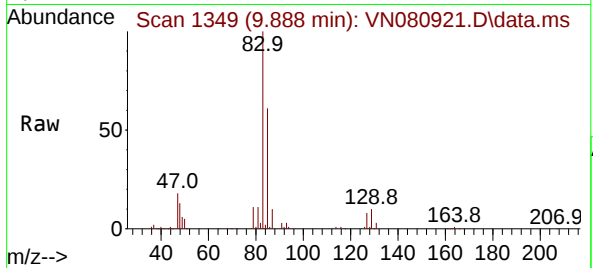
174 97.9 57.2 85.8#





#47
Bromodichloromethane
Concen: 21.012 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

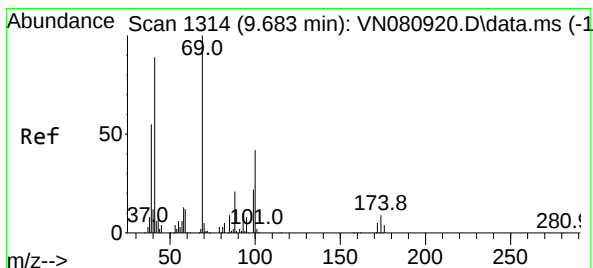
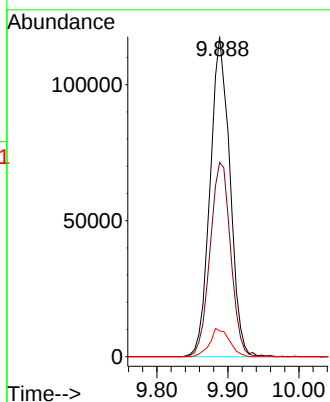
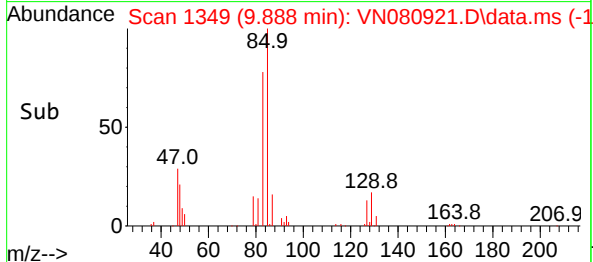
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



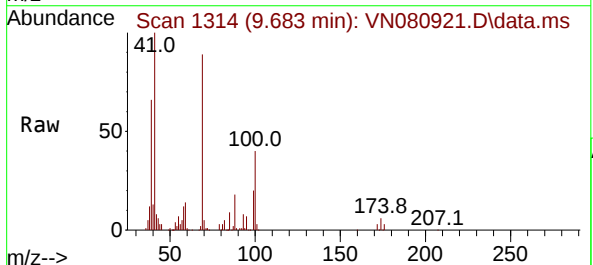
Tgt Ion: 83 Resp: 227095
Ion Ratio Lower Upper
83 100
85 60.7 52.3 78.5
127 8.0 4.6 7.0

Manual Integrations
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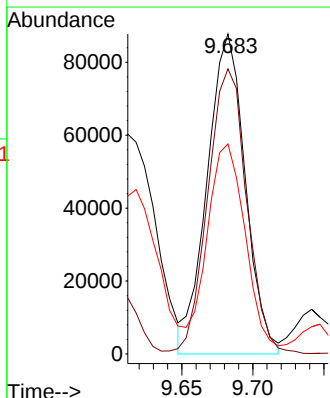
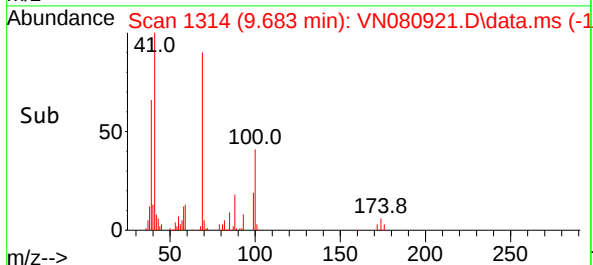
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

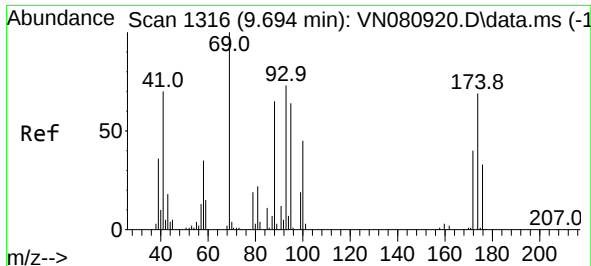


#48
Methyl methacrylate
Concen: 23.001 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion: 41 Resp: 164055
Ion Ratio Lower Upper
41 100
69 90.8 62.2 93.2
39 65.6 47.6 71.4





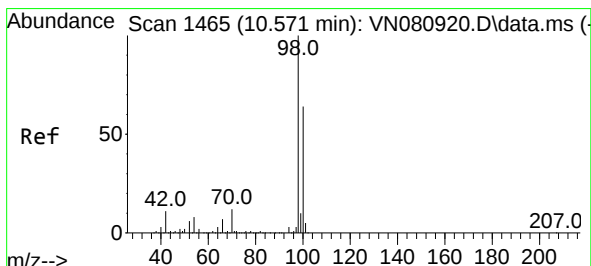
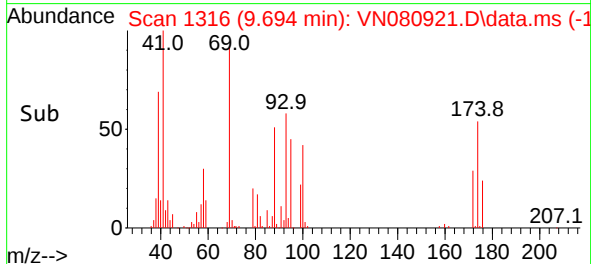
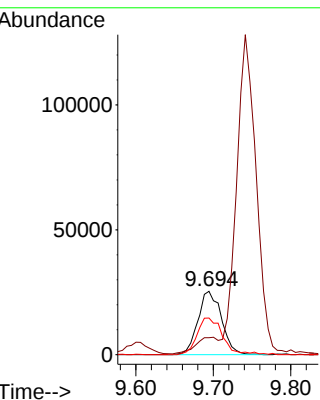
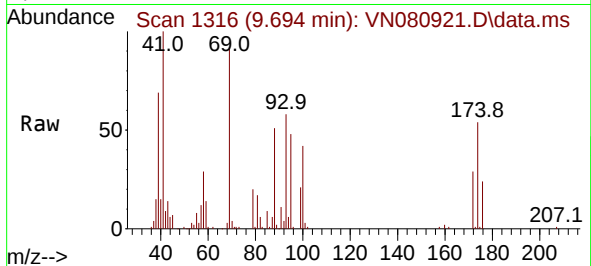
#49
1,4-Dioxane
Concen: 407.860 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 53714
Ion Ratio Lower Upper
88 100
43 25.0 30.1 45.1
58 63.0 63.9 95.9

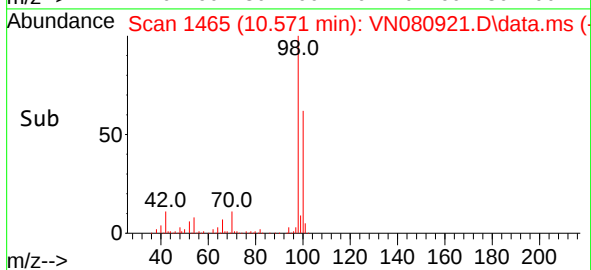
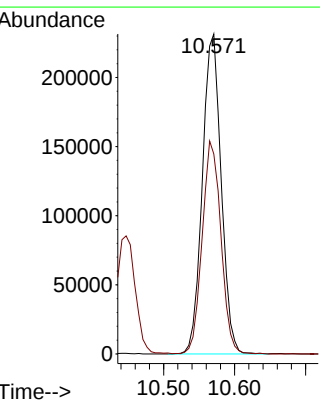
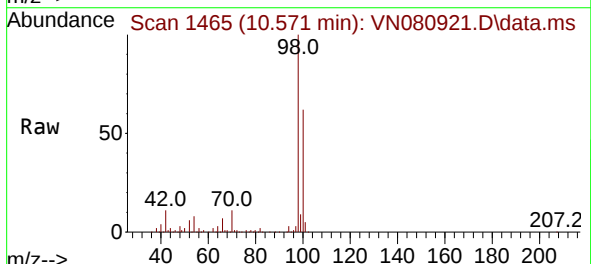
Manual Integrations
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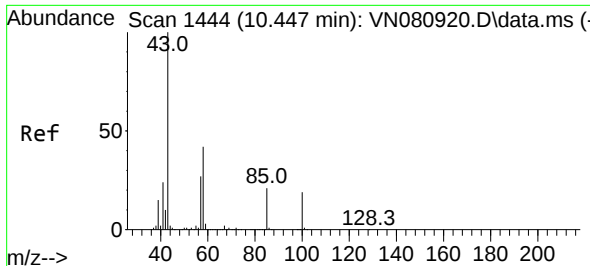
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#50
Toluene-d8
Concen: 19.192 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 98 Resp: 424561
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0





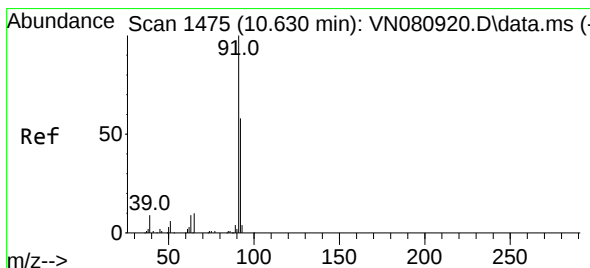
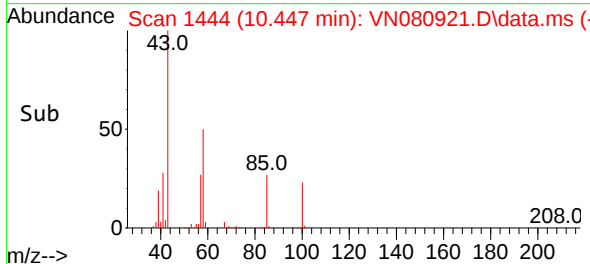
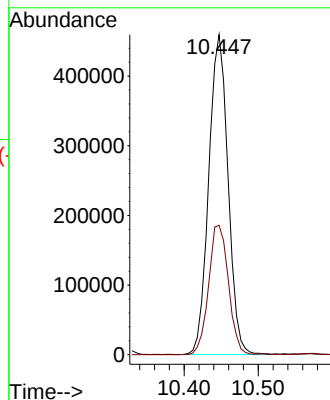
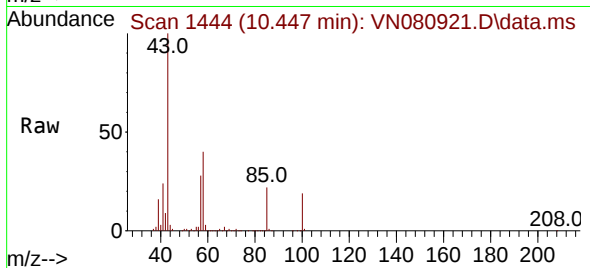
#51
4-Methyl-2-Pentanone
Concen: 108.900 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 830828
Ion Ratio Lower Upper
43 100
58 41.7 29.4 44.0

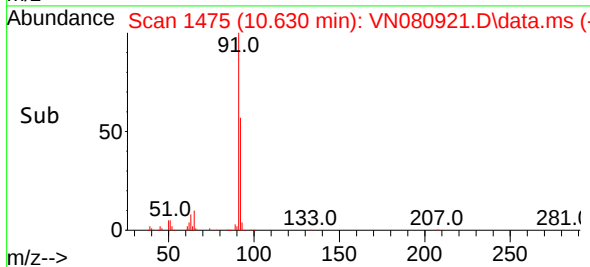
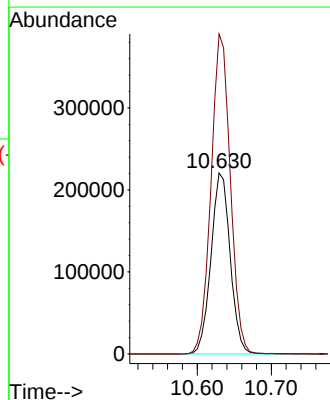
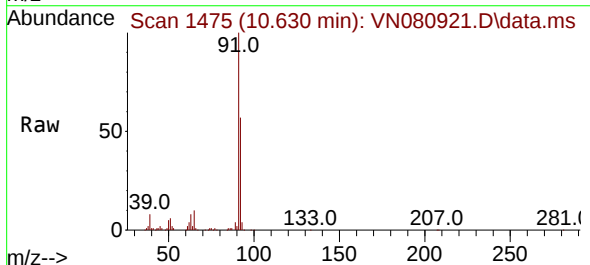
Manual Integrations
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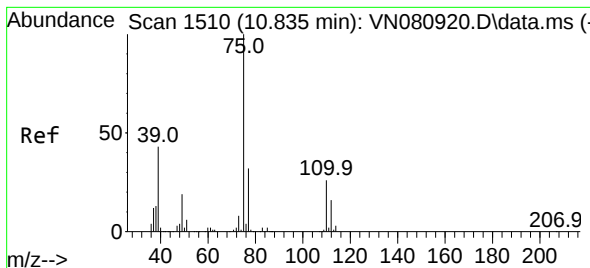
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#52
Toluene
Concen: 21.356 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 92 Resp: 396167
Ion Ratio Lower Upper
92 100
91 177.7 139.4 209.0





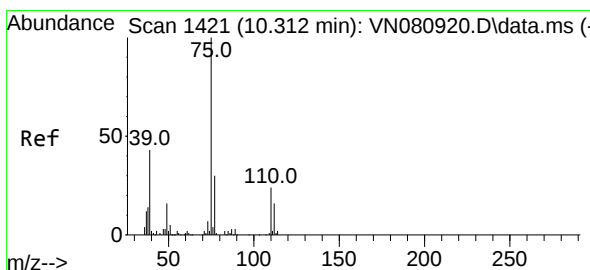
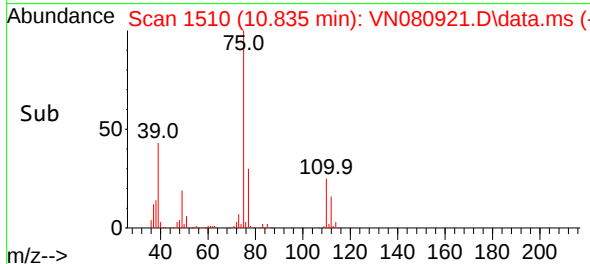
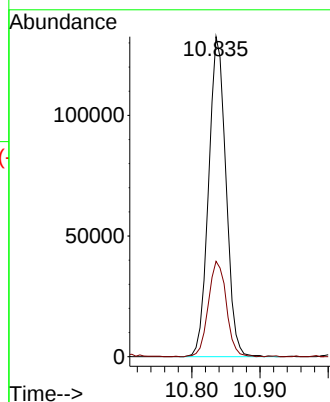
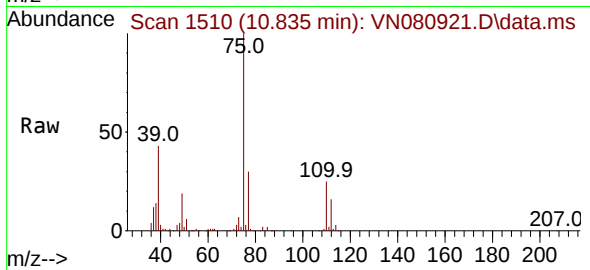
#53
t-1,3-Dichloropropene
Concen: 22.428 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 23455
Ion Ratio Lower Upper
75 100
77 29.8 25.5 38.3

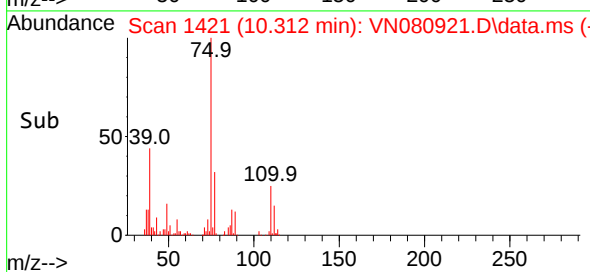
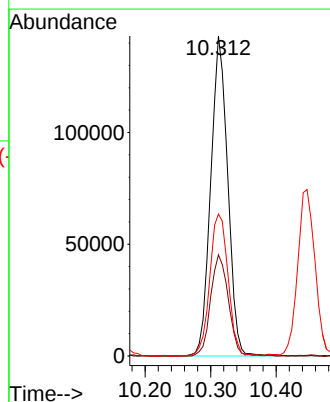
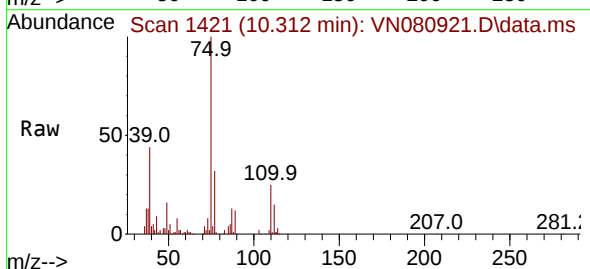
Manual Integrations
APPROVED

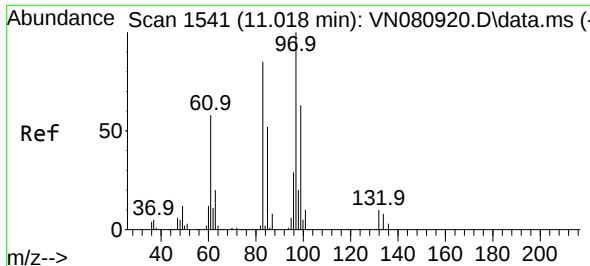
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#54
cis-1,3-Dichloropropene
Concen: 21.941 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

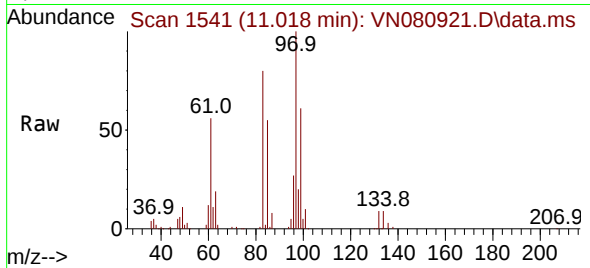
Tgt Ion: 75 Resp: 257570
Ion Ratio Lower Upper
75 100
77 31.6 23.3 34.9
39 44.4 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 22.117 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

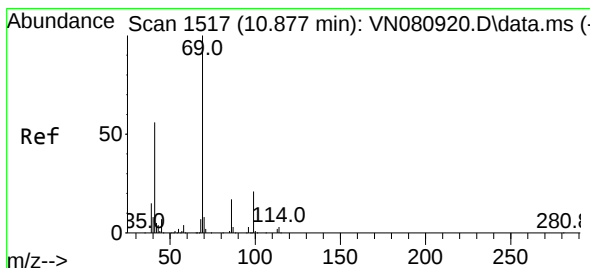
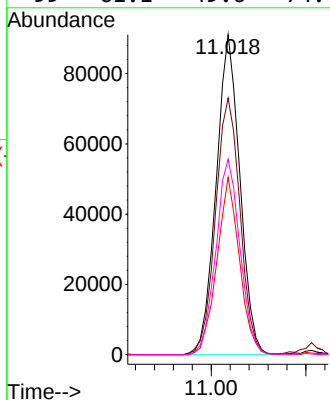
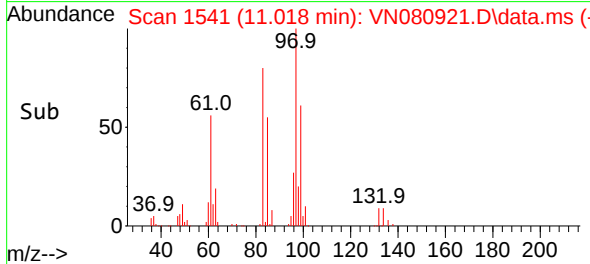
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97 Resp: 158578
Ion Ratio Lower Upper
97 100
83 80.2 72.9 109.3
85 55.4 50.2 75.2
99 61.1 49.6 74.4

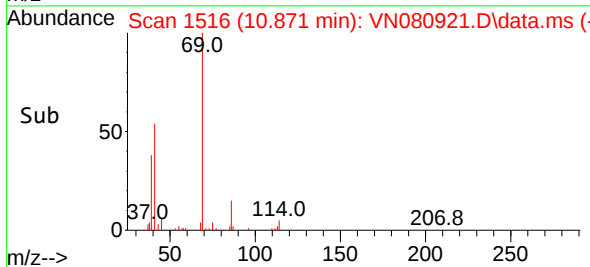
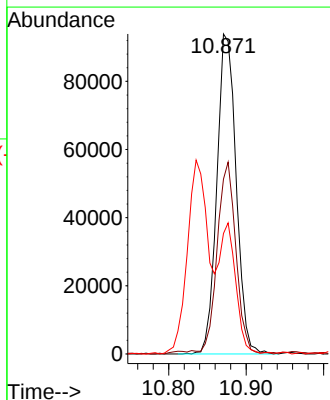
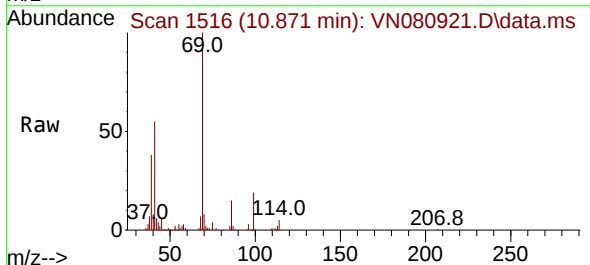
Manual Integrations
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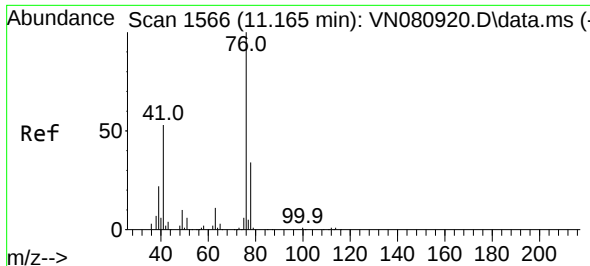
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#56
Ethyl methacrylate
Concen: 18.934 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

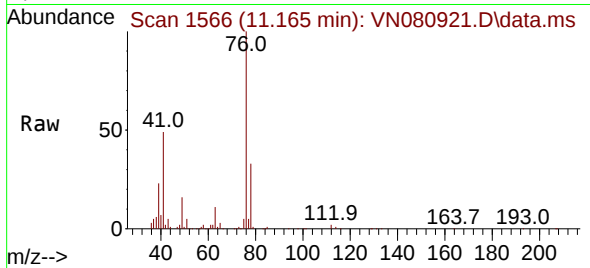
Tgt Ion: 69 Resp: 162400
Ion Ratio Lower Upper
69 100
41 59.3 61.0 91.6#
39 34.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 22.638 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

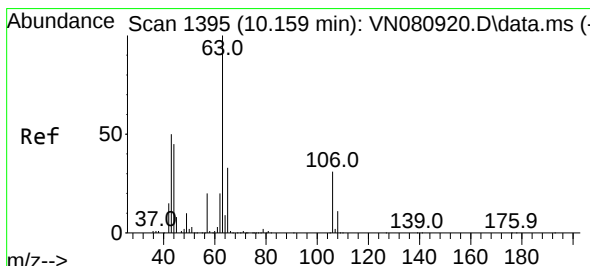
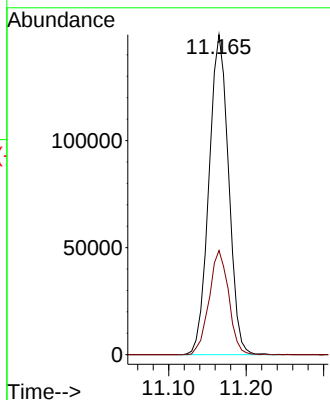
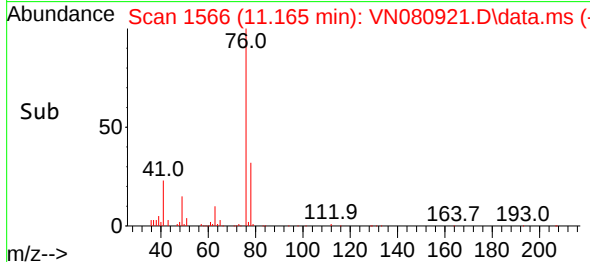
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 263334
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

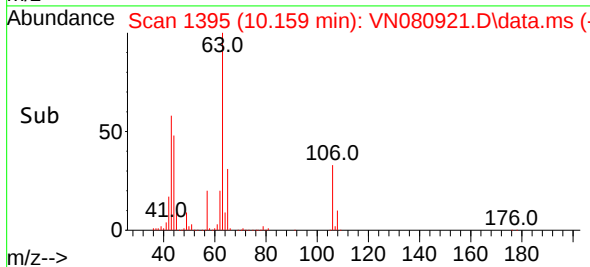
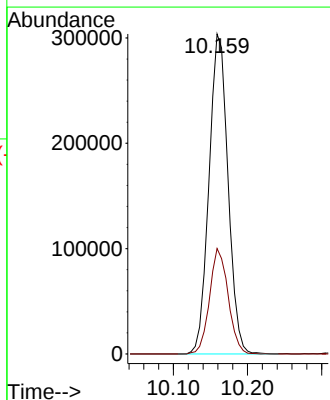
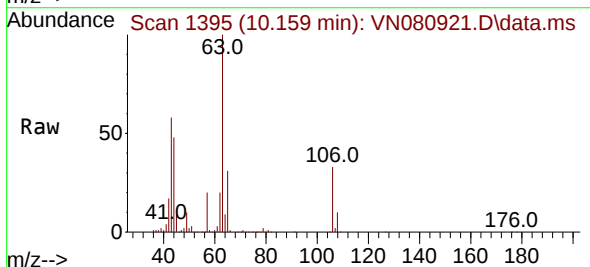
Manual Integrations
APPROVED

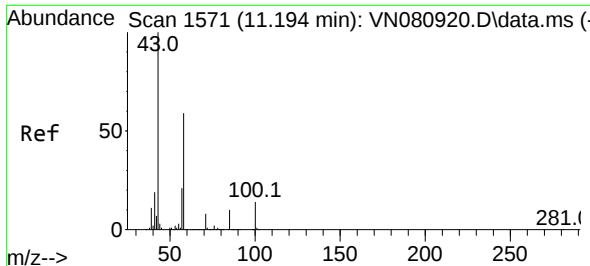
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 103.915 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

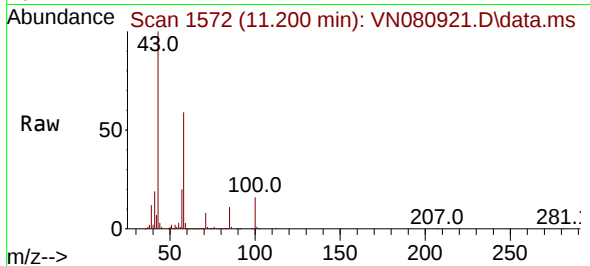
Tgt Ion: 63 Resp: 541105
Ion Ratio Lower Upper
63 100
106 32.2 18.6 28.0#





#59
2-Hexanone
Concen: 122.874 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

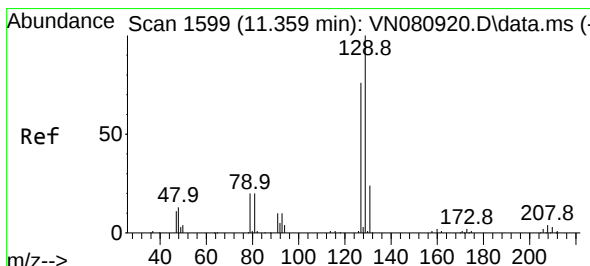
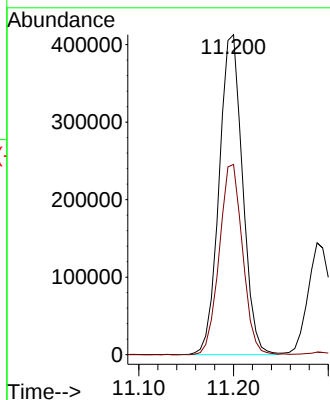
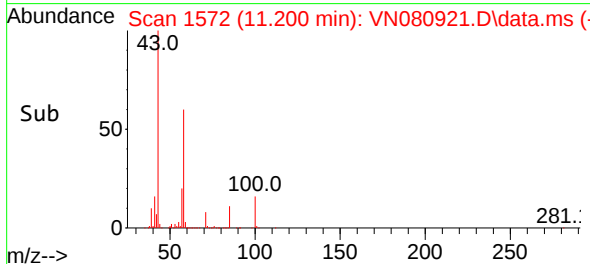
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 71051
Ion Ratio Lower Upper
43 100
58 59.0 25.9 77.8

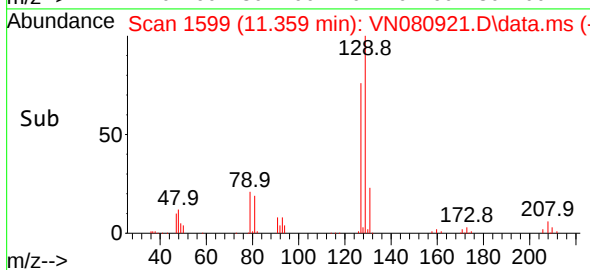
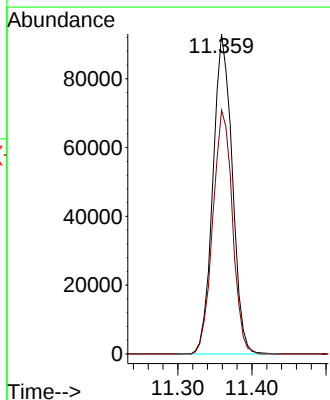
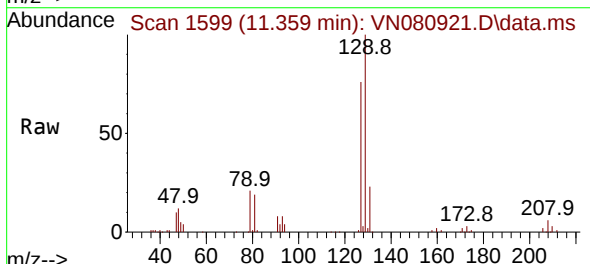
Manual Integrations
APPROVED

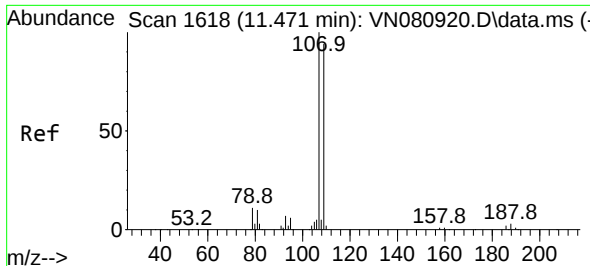
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#60
Dibromochloromethane
Concen: 22.938 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

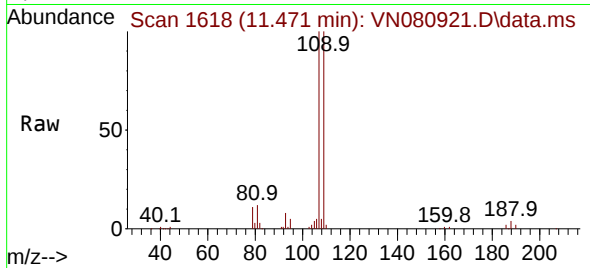
Tgt Ion:129 Resp: 168047
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 22.551 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

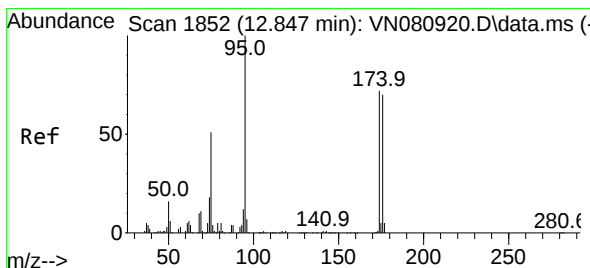
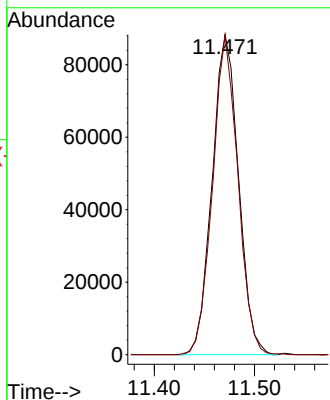
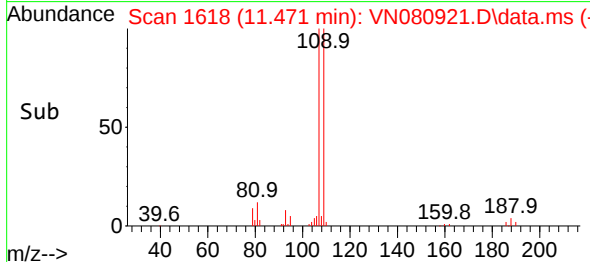
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



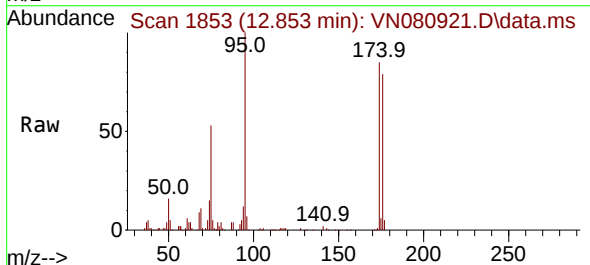
Tgt Ion:107 Resp: 161288
Ion Ratio Lower Upper
107 100
109 95.9 73.4 110.2

Manual Integrations
APPROVED

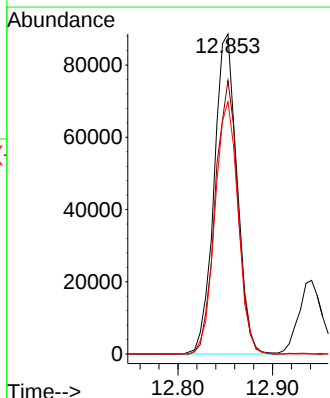
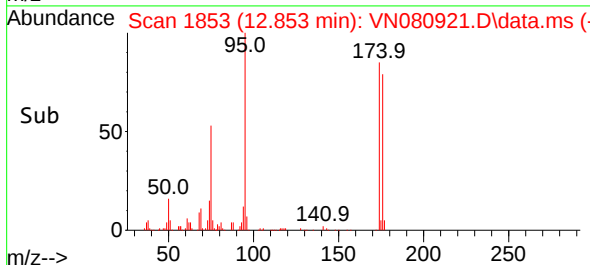
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

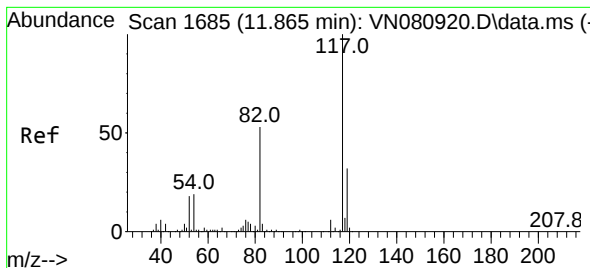


#62
4-Bromofluorobenzene
Concen: 18.528 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



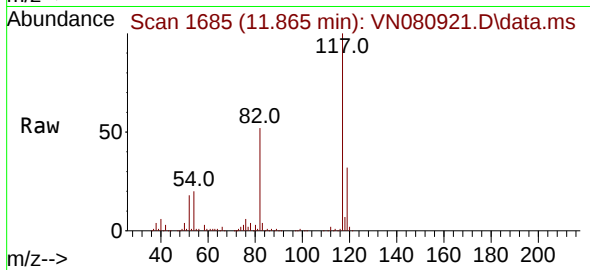
Tgt Ion: 95 Resp: 148896
Ion Ratio Lower Upper
95 100
174 84.8 0.0 120.4
176 79.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

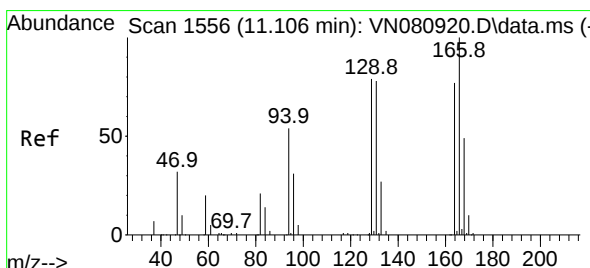
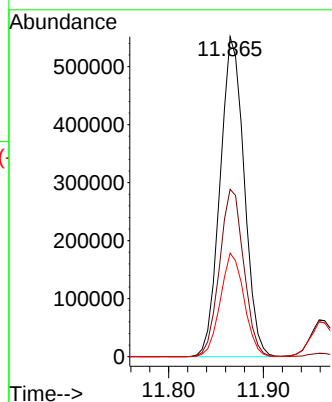
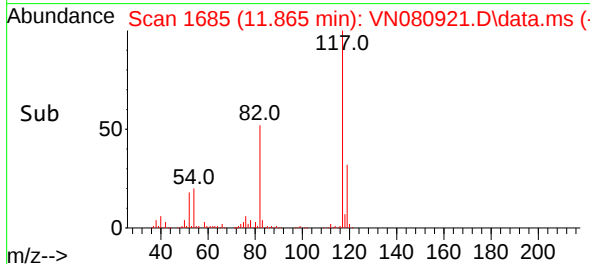
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



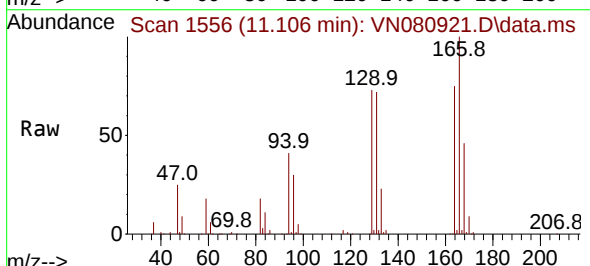
Tgt Ion:117 Resp: 973830
Ion Ratio Lower Upper
117 100
82 52.3 52.7 79.1
119 32.4 25.3 37.9

Manual Integrations
APPROVED

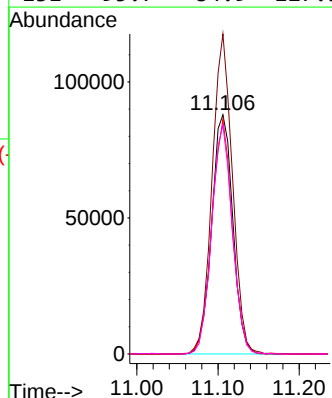
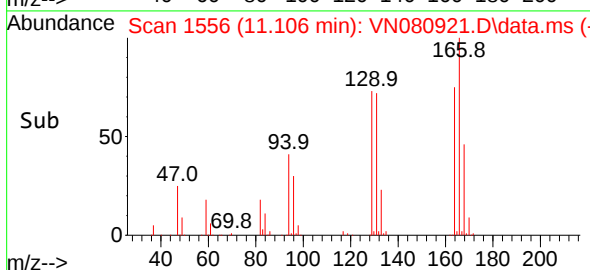
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

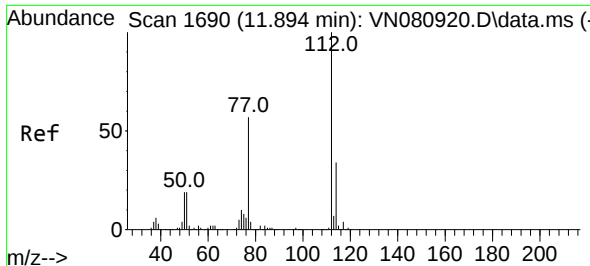


#64
Tetrachloroethene
Concen: 21.714 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion:164 Resp: 159609
Ion Ratio Lower Upper
164 100
166 133.8 105.8 158.6
129 98.0 89.6 134.4
131 95.7 84.9 127.3





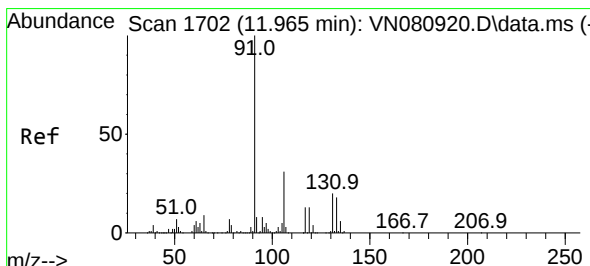
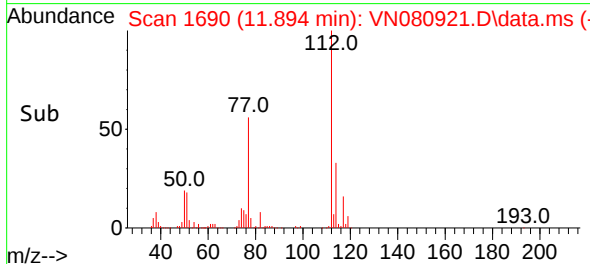
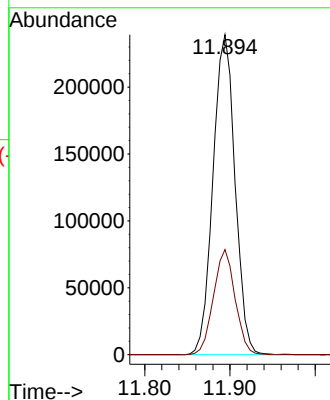
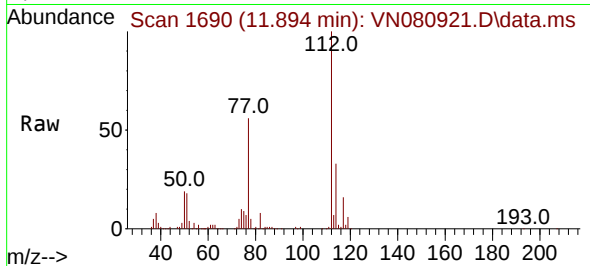
#65
Chlorobenzene
Concen: 21.105 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 430739
Ion Ratio Lower Upper
112 100
114 32.9 23.7 35.5

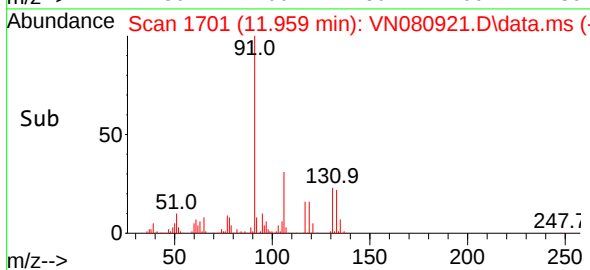
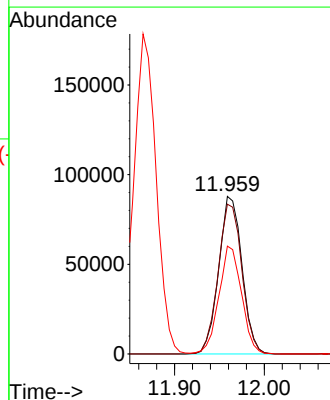
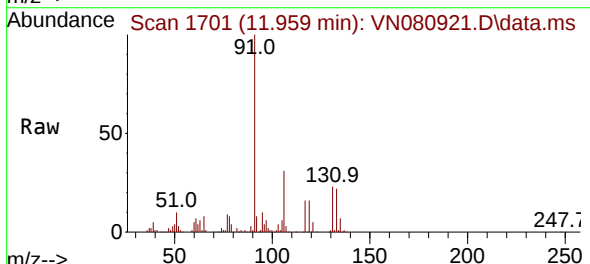
Manual Integrations
APPROVED

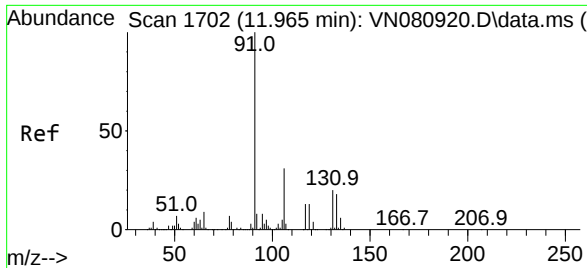
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.491 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion:131 Resp: 158279
Ion Ratio Lower Upper
131 100
133 97.4 46.8 140.3
119 66.6 34.6 103.9





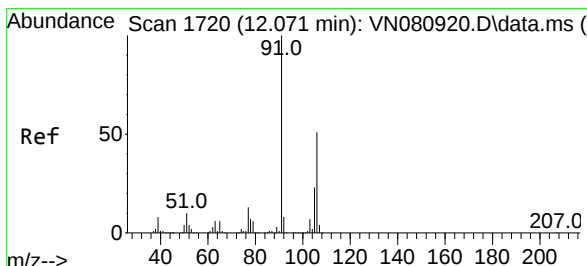
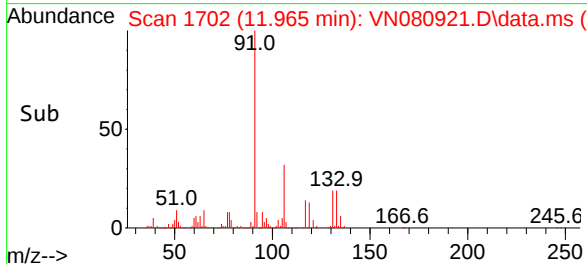
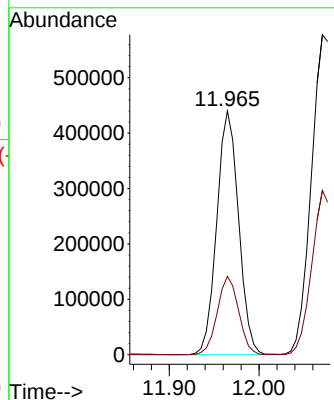
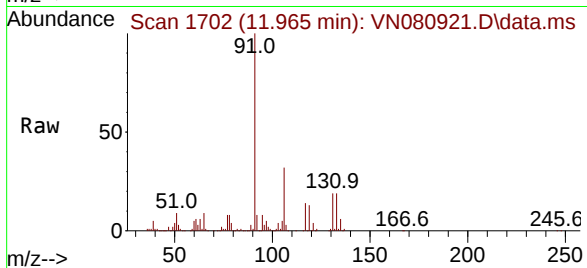
#67
Ethyl Benzene
Concen: 21.140 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 743227
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6

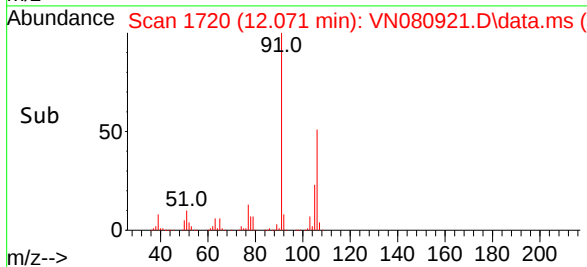
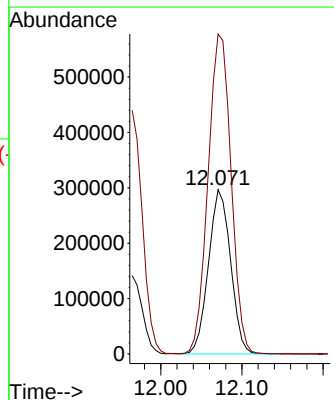
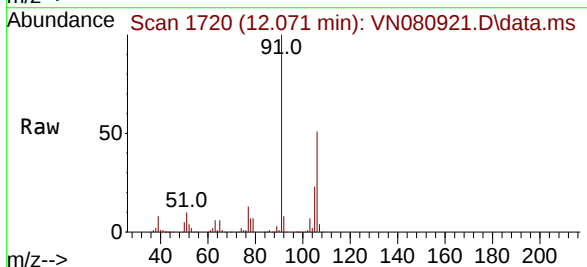
Manual Integrations
APPROVED

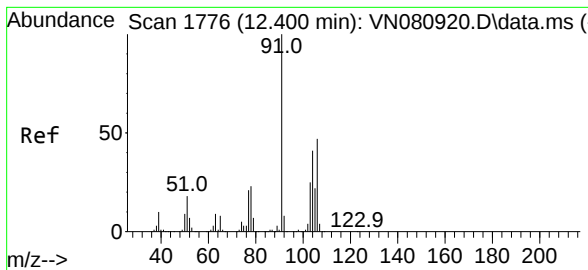
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#68
m/p-Xylenes
Concen: 42.013 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion:106 Resp: 561167
Ion Ratio Lower Upper
106 100
91 202.6 169.0 253.6





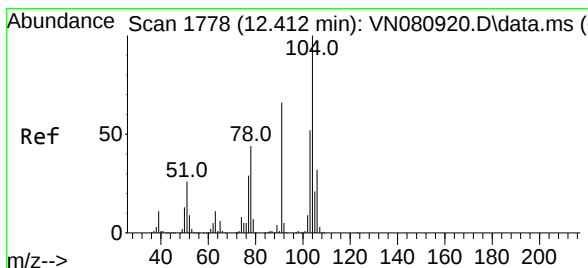
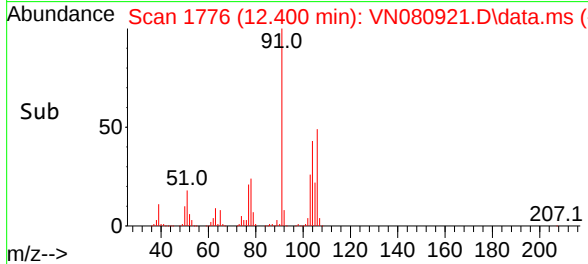
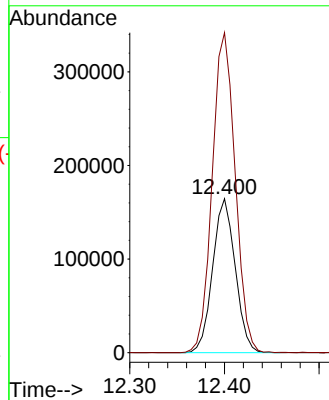
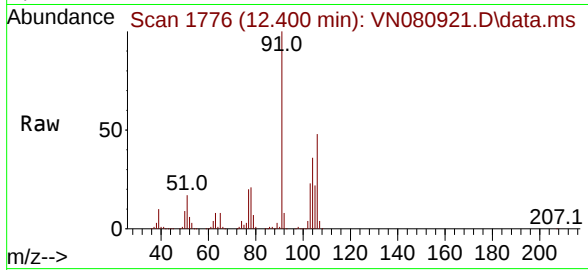
#69
o-Xylene
Concen: 21.019 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 27242
Ion Ratio Lower Upper
106 100
91 211.7 112.1 336.3

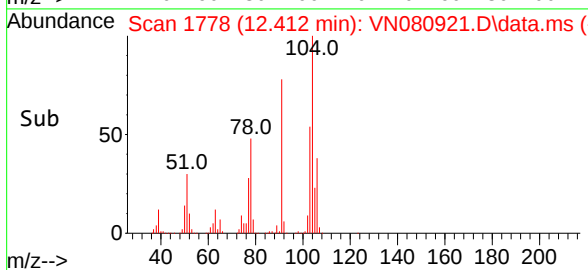
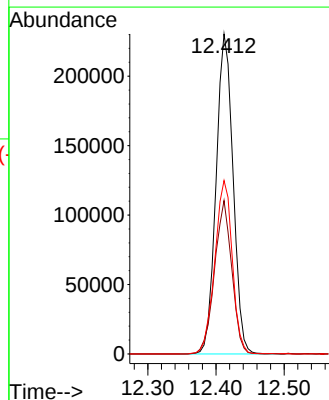
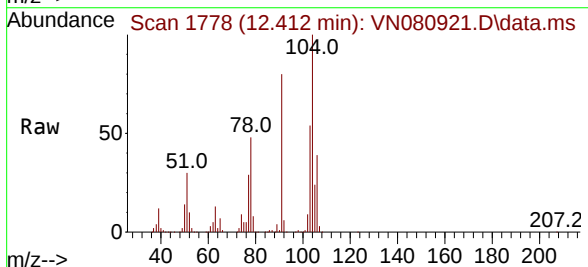
Manual Integrations
APPROVED

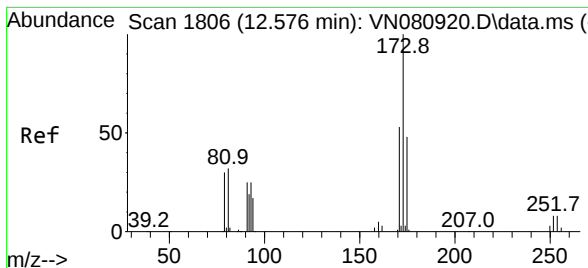
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#70
Styrene
Concen: 20.507 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

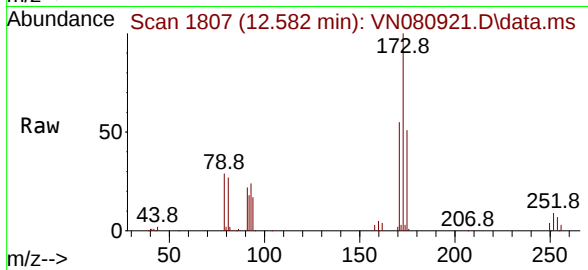
Tgt Ion:104 Resp: 398896
Ion Ratio Lower Upper
104 100
78 48.8 43.8 65.8
103 56.0 44.2 66.2





#71
Bromoform
Concen: 22.073 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

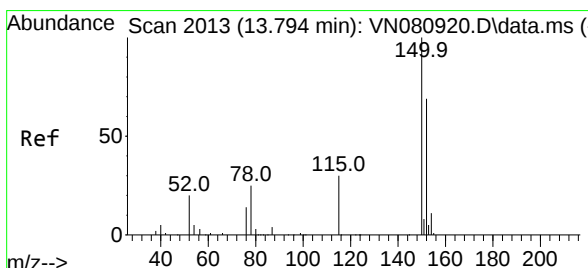
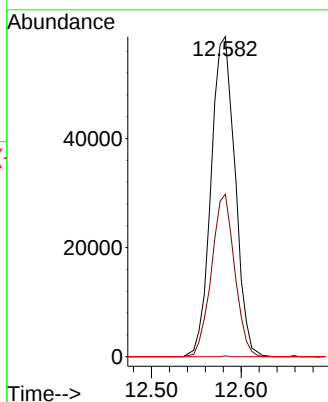
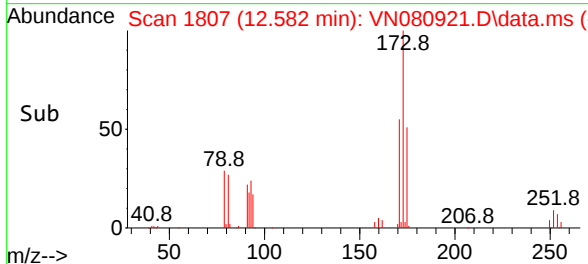
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



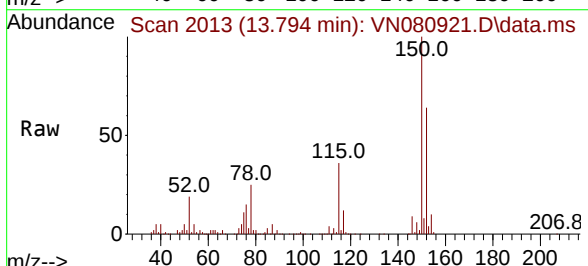
Tgt Ion:173 Resp: 108879
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.1 0.0 0.0

Manual Integrations
APPROVED

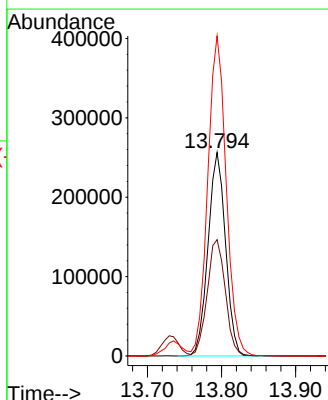
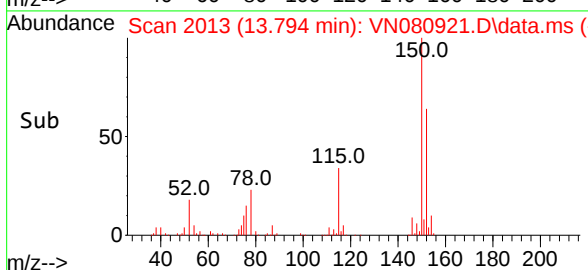
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

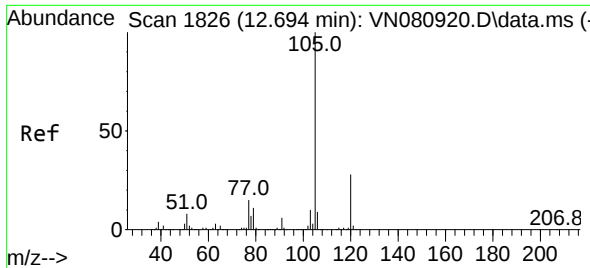


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion:152 Resp: 420215
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 165.7 0.0 339.8





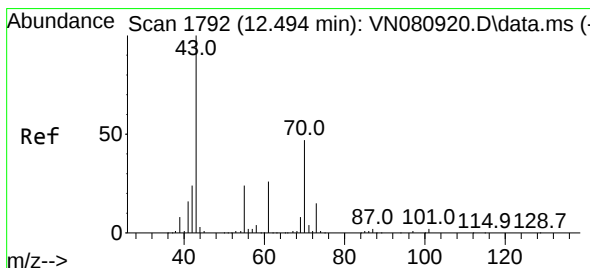
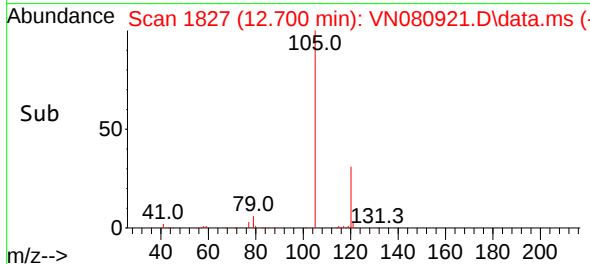
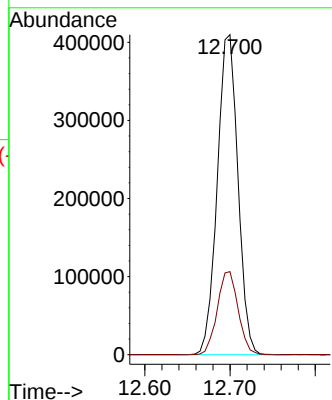
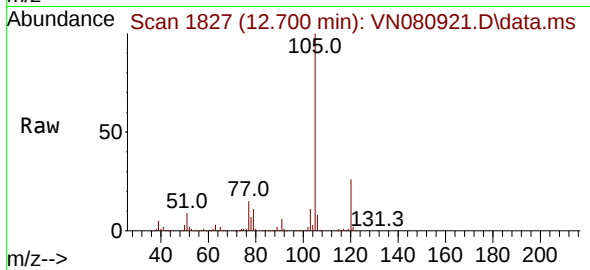
#73
Isopropylbenzene
Concen: 21.142 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 690935
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

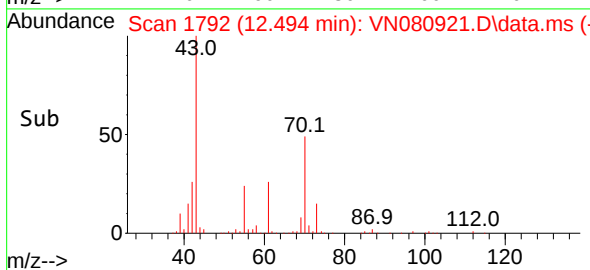
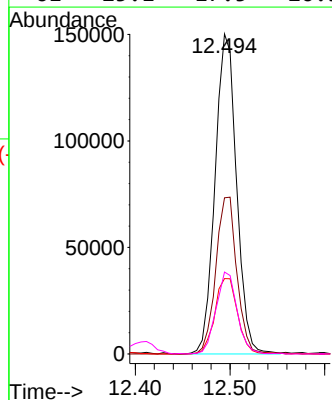
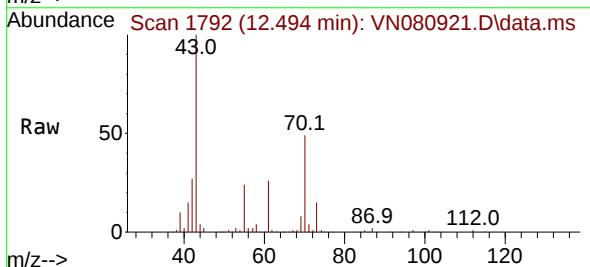
Manual Integrations
APPROVED

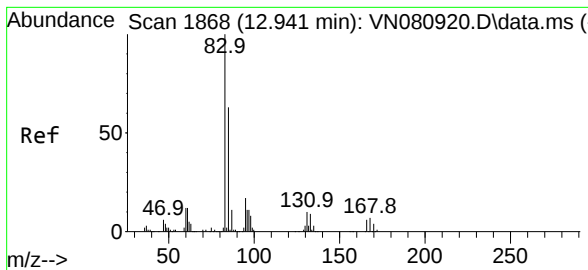
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#74
N-amy1 acetate
Concen: 20.087 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

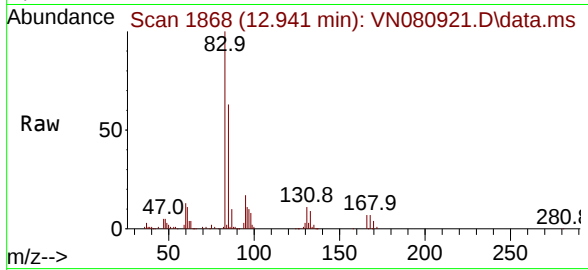
Tgt Ion: 43 Resp: 236631
Ion Ratio Lower Upper
43 100
70 48.3 30.1 45.1#
55 25.1 17.0 25.4
61 25.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.117 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

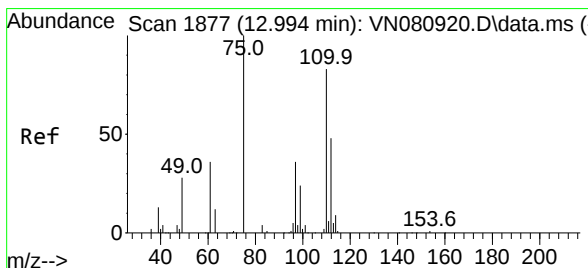
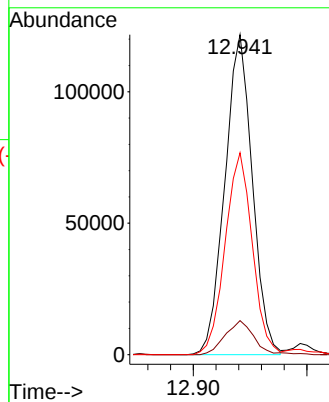
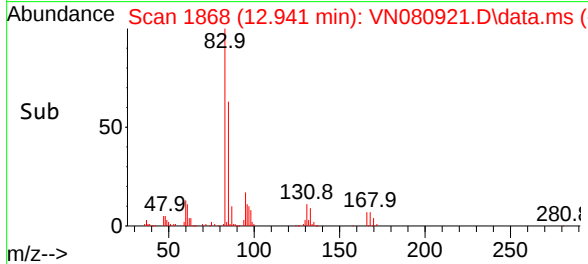
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



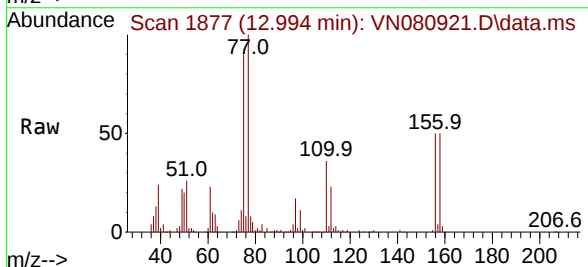
Tgt Ion: 83 Resp: 204515
Ion Ratio Lower Upper
83 100
131 11.2 4.1 12.3
85 62.6 32.1 96.3

Manual Integrations
APPROVED

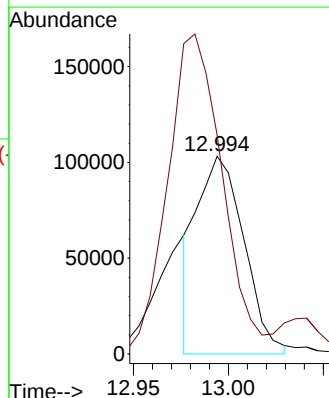
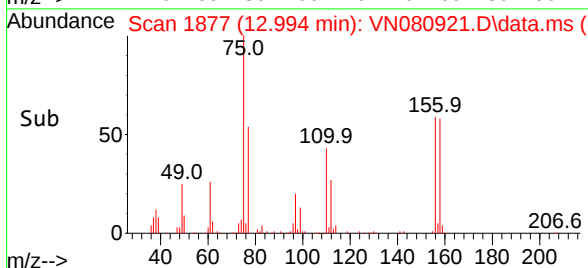
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

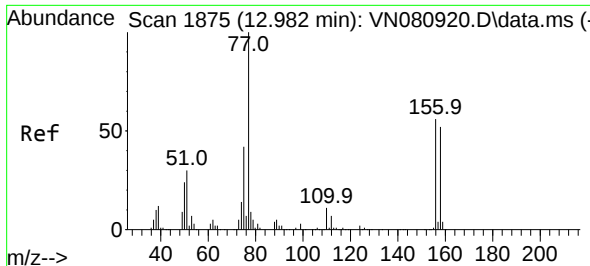


#76
1,2,3-Trichloropropane
Concen: 19.814 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion: 75 Resp: 177110
Ion Ratio Lower Upper
75 100
77 188.2 91.0 272.8





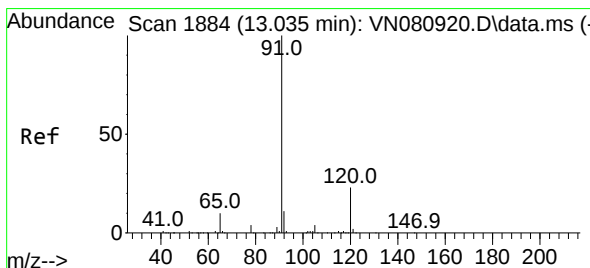
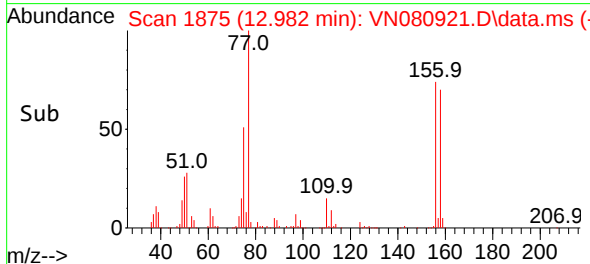
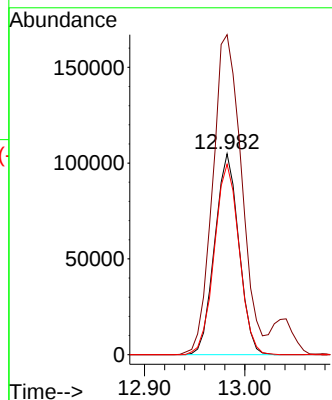
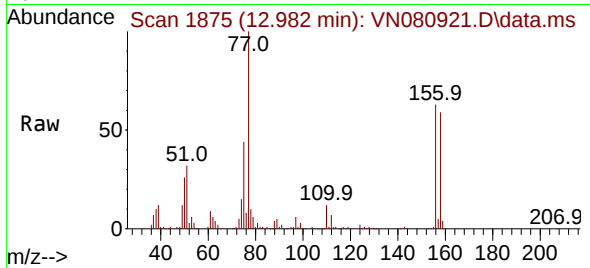
#77
Bromobenzene
Concen: 21.245 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 175183
Ion Ratio Lower Upper
156 100
77 190.3 138.1 414.3
158 97.5 46.5 139.5

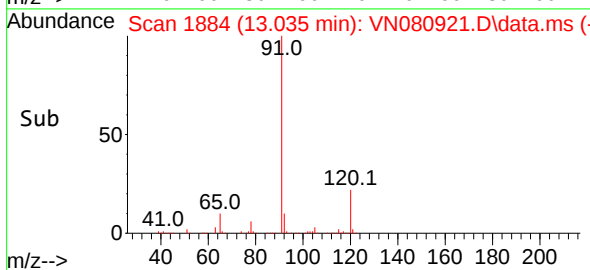
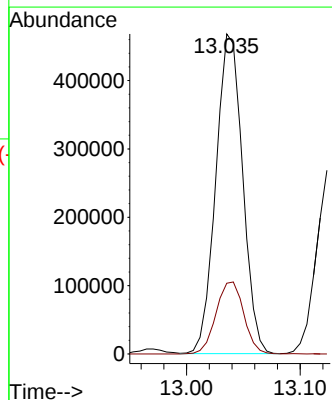
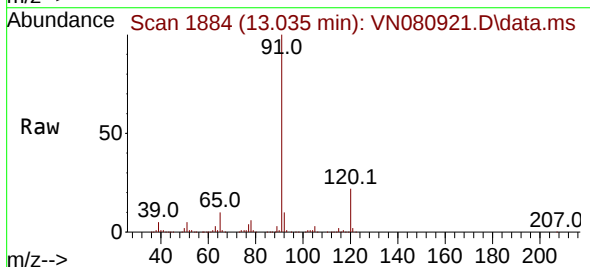
Manual Integrations
APPROVED

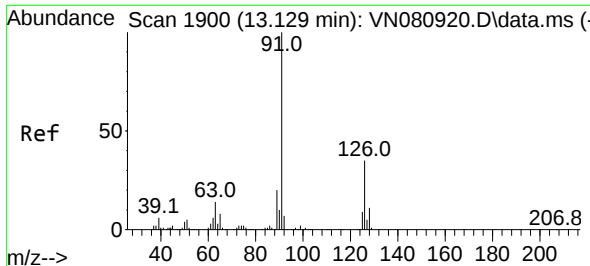
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#78
n-propylbenzene
Concen: 20.796 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 91 Resp: 767303
Ion Ratio Lower Upper
91 100
120 23.3 10.3 30.9





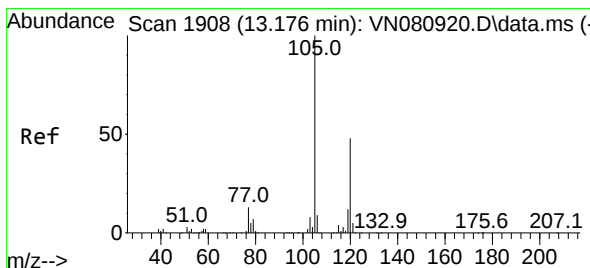
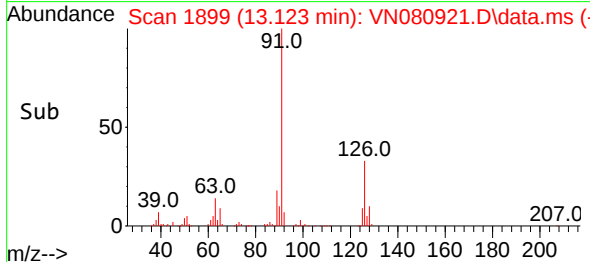
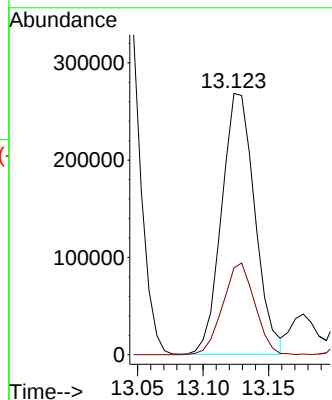
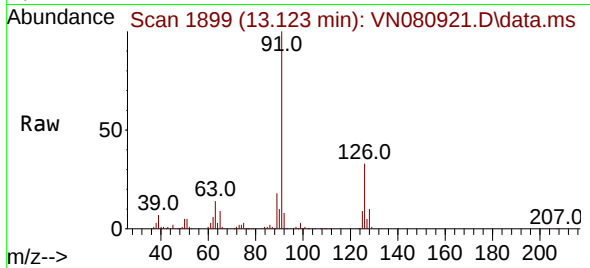
#79
2-Chlorotoluene
Concen: 20.295 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 473239
Ion Ratio Lower Upper
91 100
126 33.8 14.8 44.4

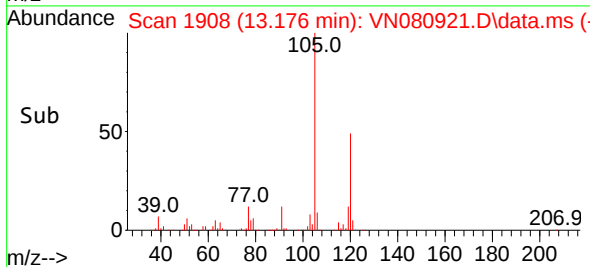
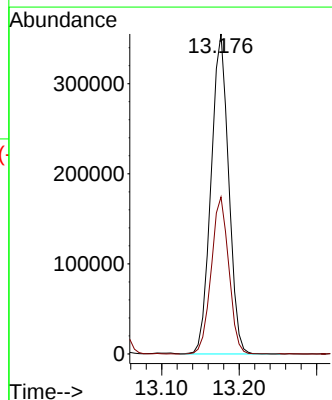
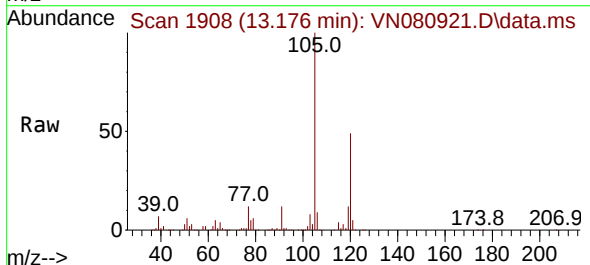
Manual Integrations
APPROVED

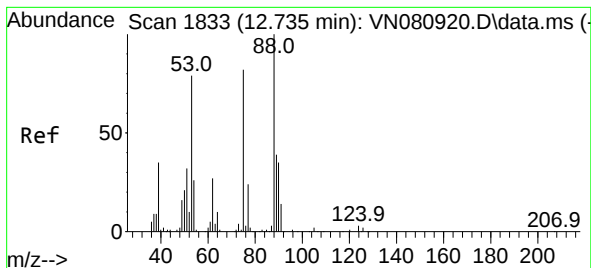
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.096 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion:105 Resp: 560369
Ion Ratio Lower Upper
105 100
120 48.8 23.0 69.0





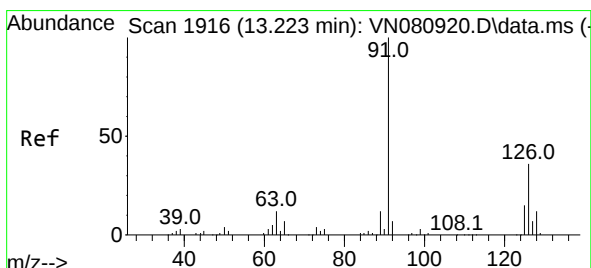
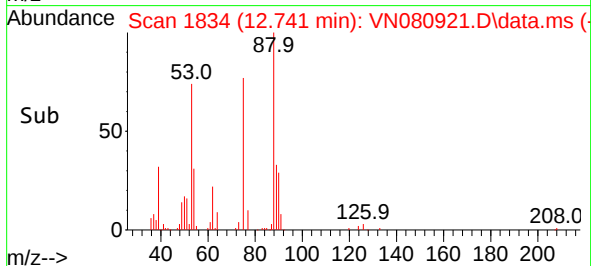
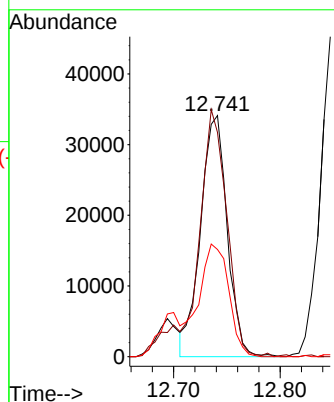
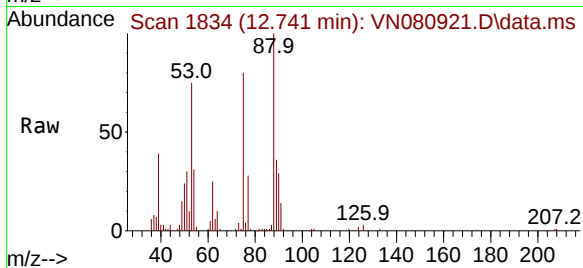
#81
trans-1,4-Dichloro-2-butene
Concen: 18.822 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 59350
Ion Ratio Lower Upper
75 100
53 112.5 71.4 107.2
89 50.2 33.4 50.0

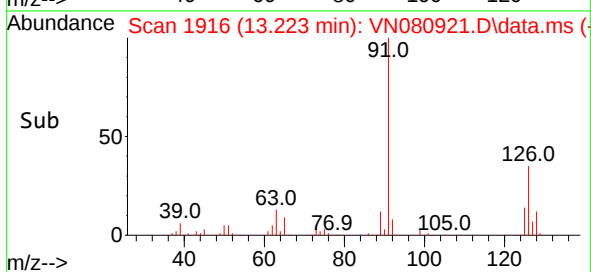
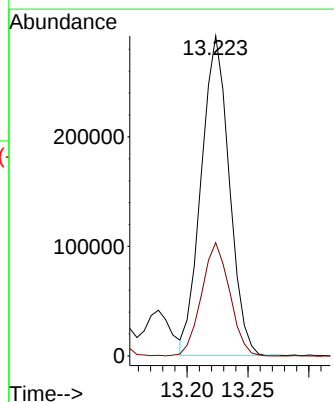
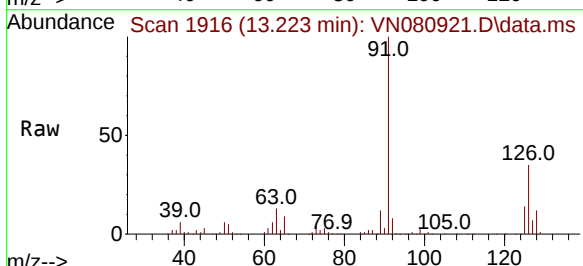
Manual Integrations
APPROVED

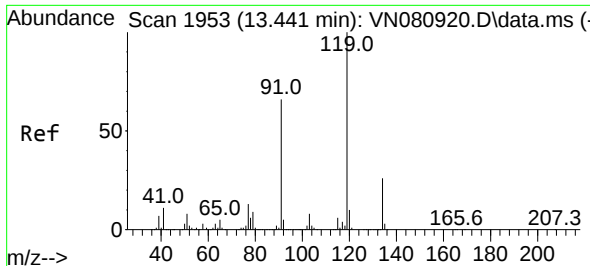
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 20.026 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

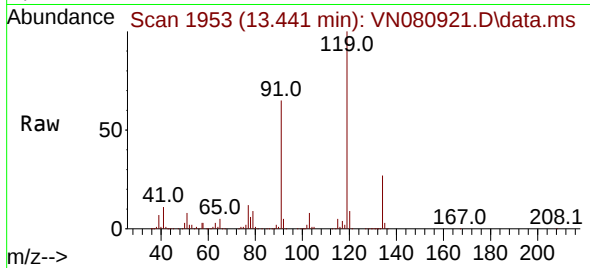
Tgt Ion: 91 Resp: 465898
Ion Ratio Lower Upper
91 100
126 35.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.975 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

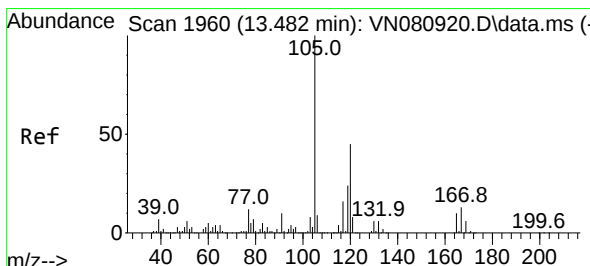
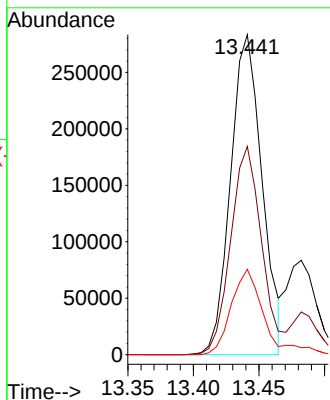
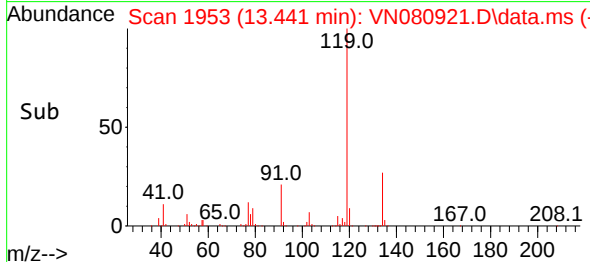
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



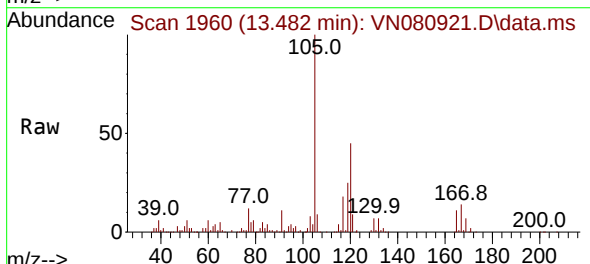
Tgt Ion:119 Resp: 47492
Ion Ratio Lower Upper
119 100
91 64.5 36.8 110.4
134 27.7 12.4 37.4

Manual Integrations
APPROVED

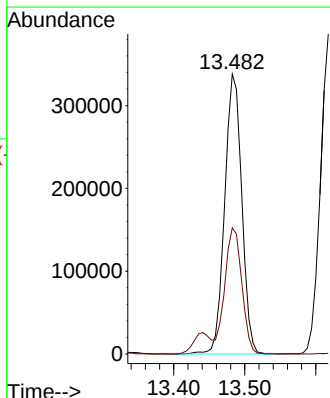
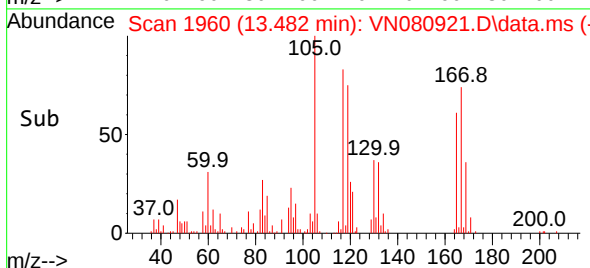
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

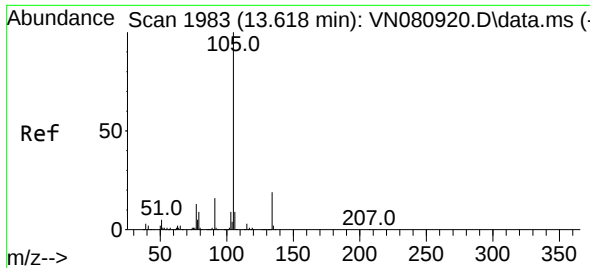


#84
1,2,4-Trimethylbenzene
Concen: 21.302 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion:105 Resp: 563571
Ion Ratio Lower Upper
105 100
120 45.5 20.9 62.7





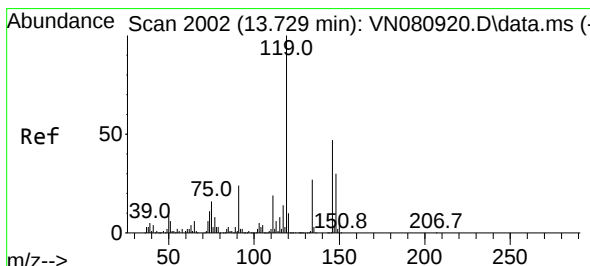
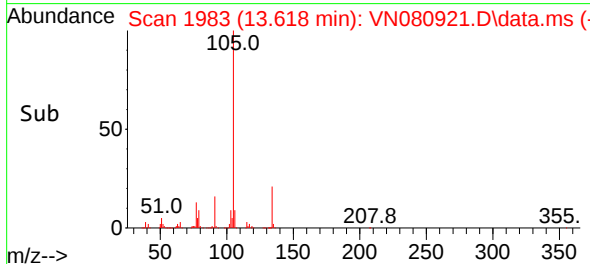
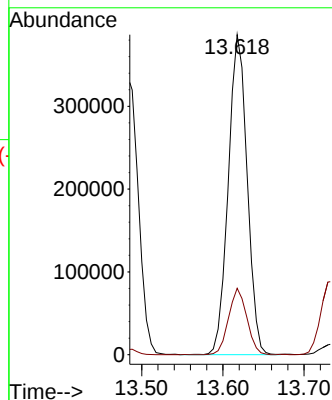
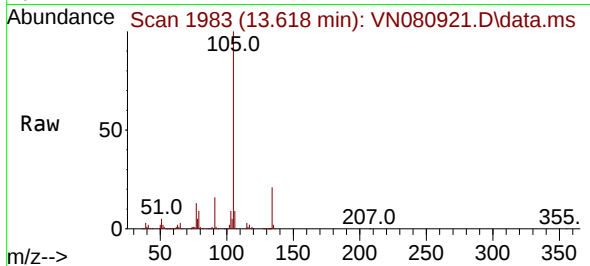
#85
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 62439
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

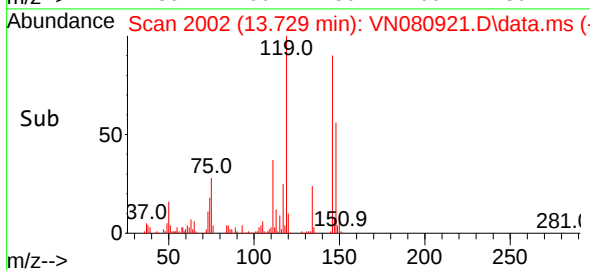
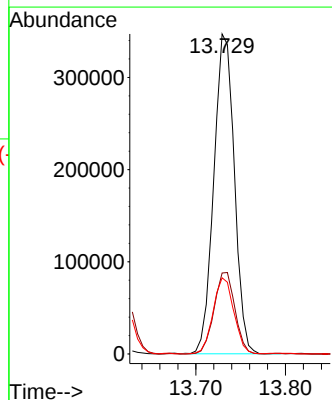
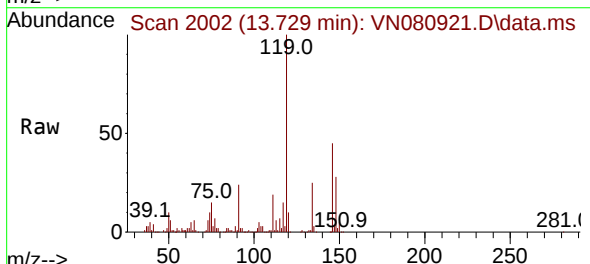
Manual Integrations
 APPROVED

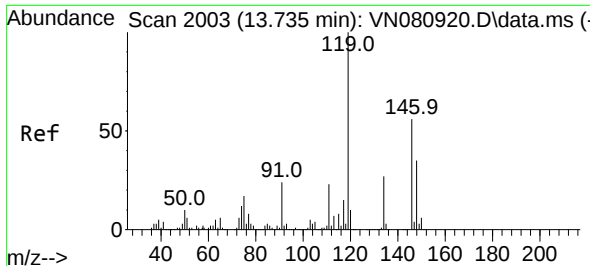
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#86
 p-Isopropyltoluene
 Concen: 21.432 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080921.D
 Acq: 06 Feb 2024 16:33

Tgt Ion:119 Resp: 551081
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 24.2 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 20.697 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 303949

Ion Ratio Lower Upper

146 100

111 40.9 23.9 71.7

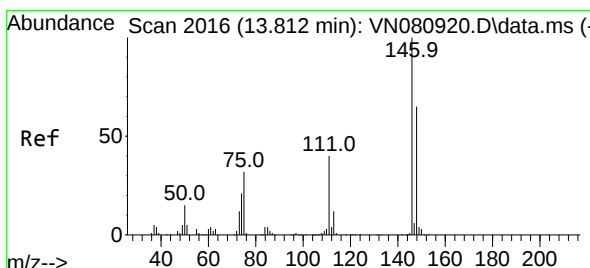
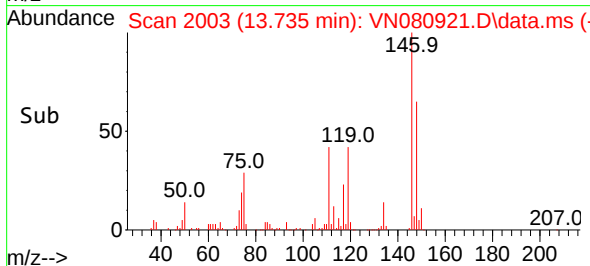
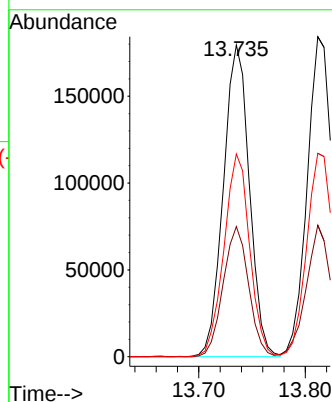
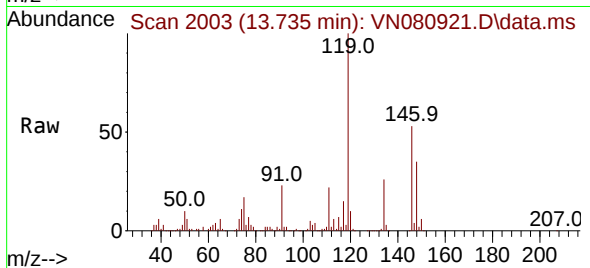
148 64.5 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#88

1,4-Dichlorobenzene

Concen: 20.756 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

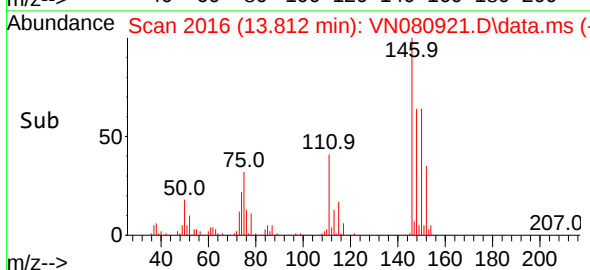
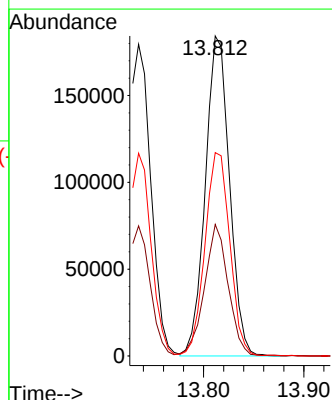
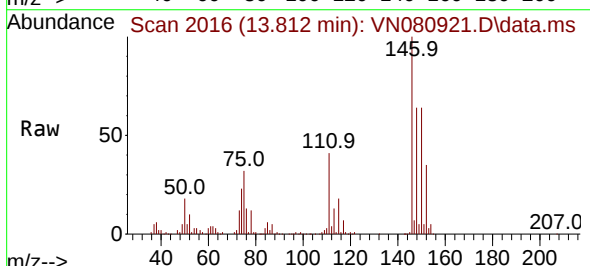
Tgt Ion:146 Resp: 309317

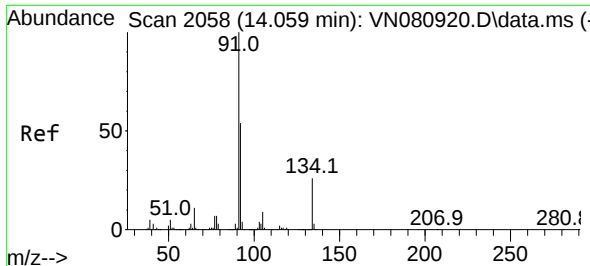
Ion Ratio Lower Upper

146 100

111 40.7 22.6 67.7

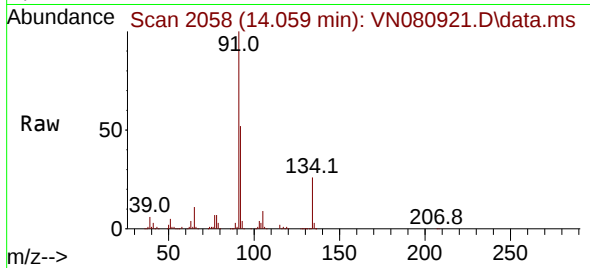
148 65.6 31.9 95.5





#89
n-Butylbenzene
Concen: 20.368 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

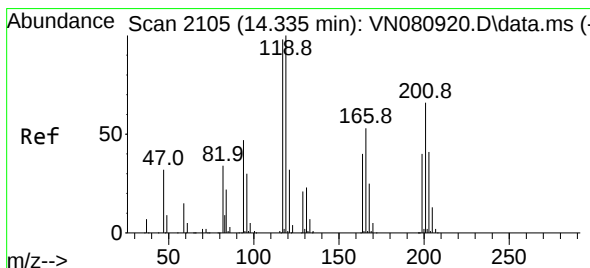
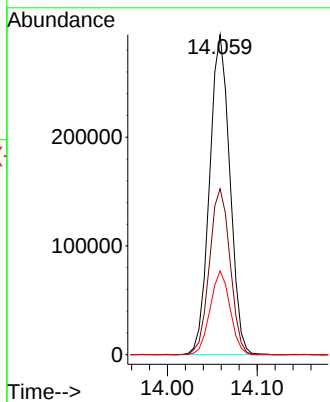
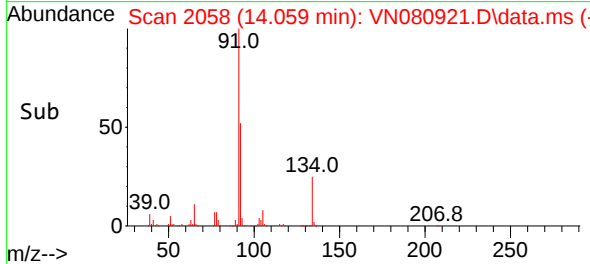
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 462630
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 25.6 10.8 32.4

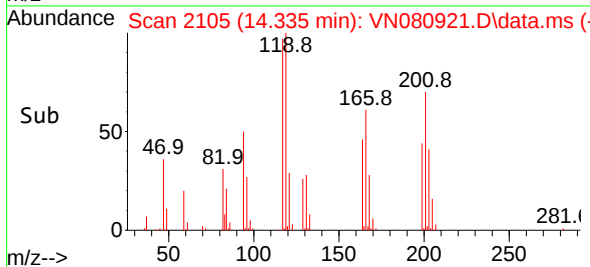
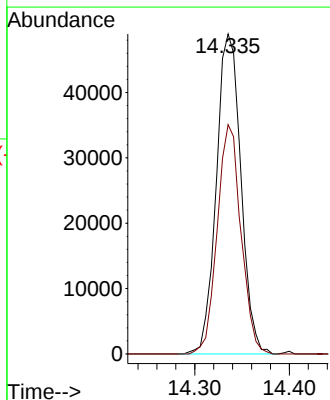
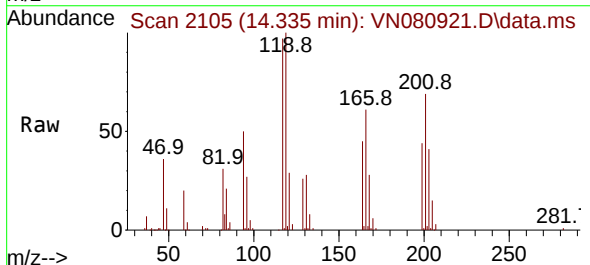
Manual Integrations
APPROVED

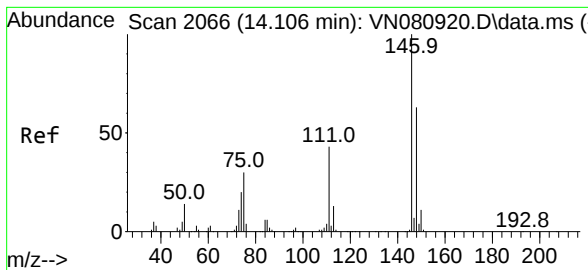
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 21.734 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

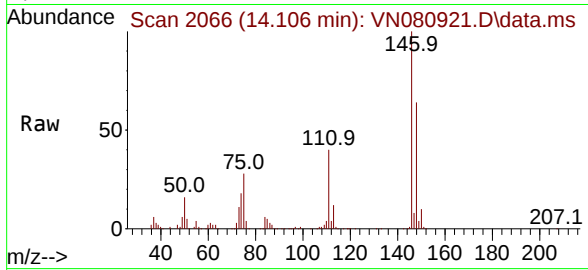
Tgt Ion:117 Resp: 88119
Ion Ratio Lower Upper
117 100
201 69.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 21.099 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

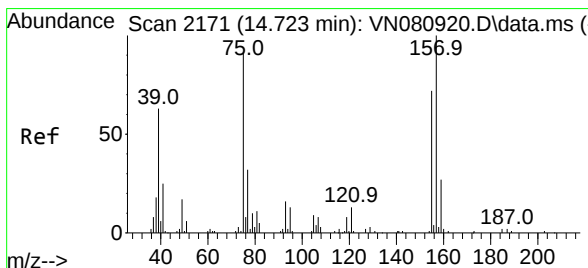
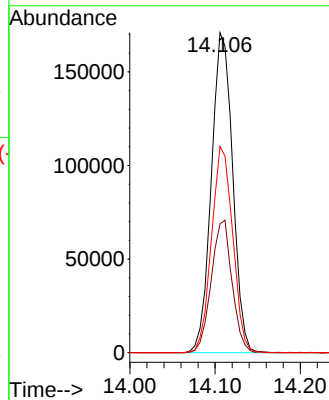
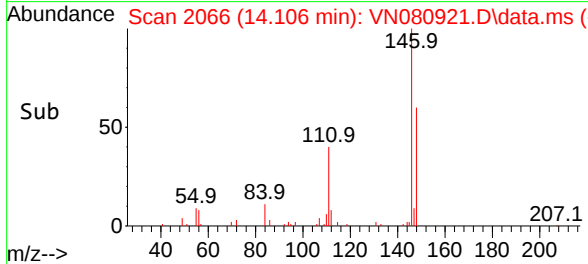
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 296854
Ion Ratio Lower Upper
146 100
111 40.5 23.9 71.8
148 64.3 31.4 94.0

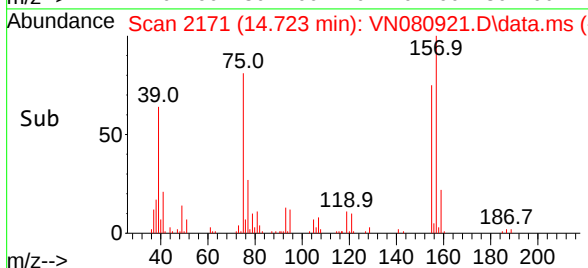
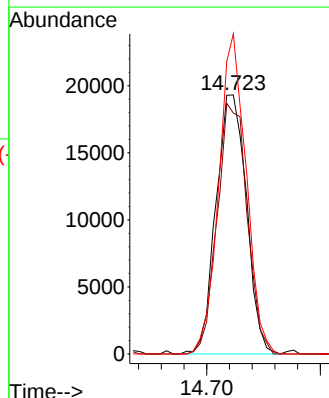
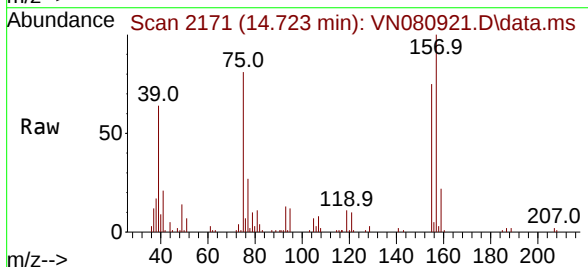
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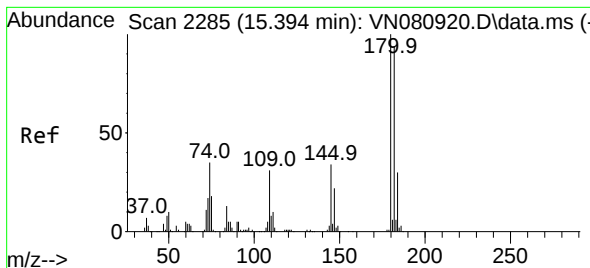
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.870 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

Tgt Ion: 75 Resp: 35883
Ion Ratio Lower Upper
75 100
155 94.9 31.8 95.4
157 111.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 15.688 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 109180

Ion Ratio Lower Upper

180 100

182 94.0 46.6 139.7

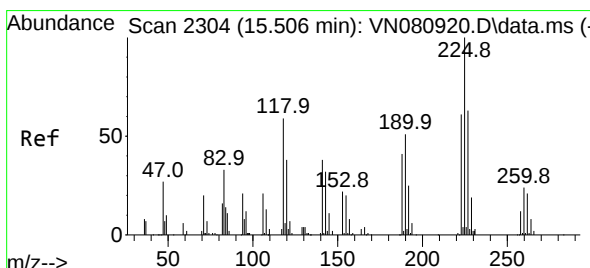
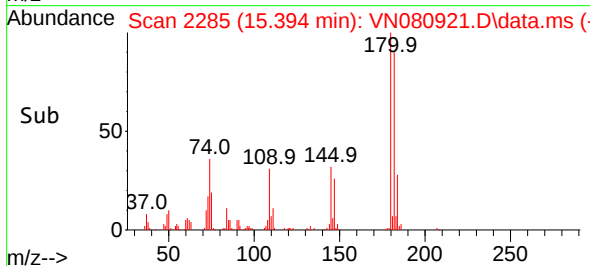
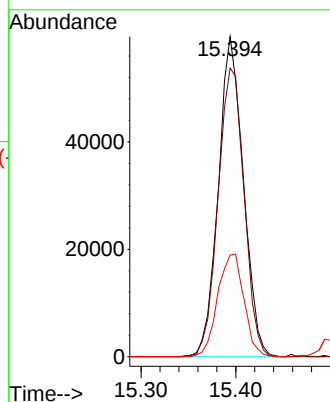
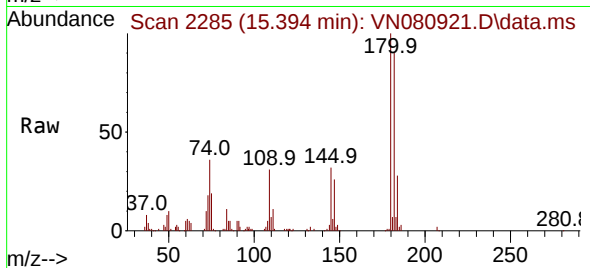
145 33.6 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#94

Hexachlorobutadiene

Concen: 16.120 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN080921.D

Acq: 06 Feb 2024 16:33

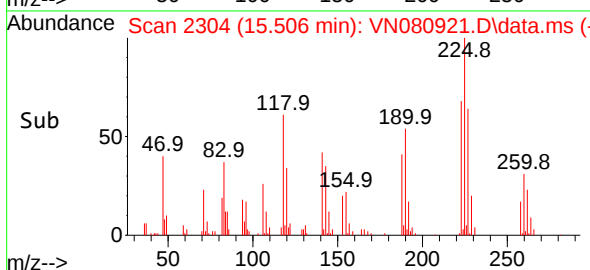
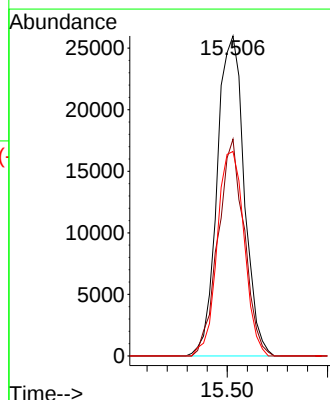
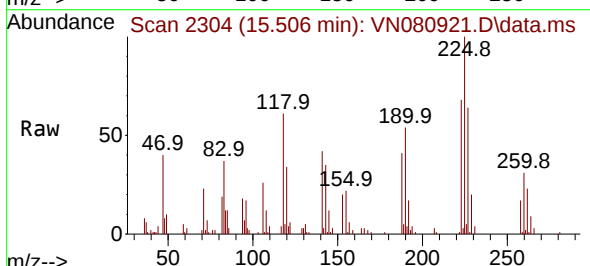
Tgt Ion:225 Resp: 48638

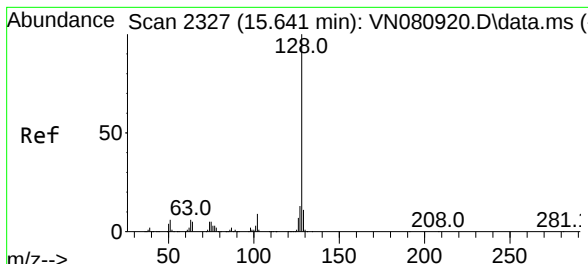
Ion Ratio Lower Upper

225 100

223 65.6 33.3 99.8

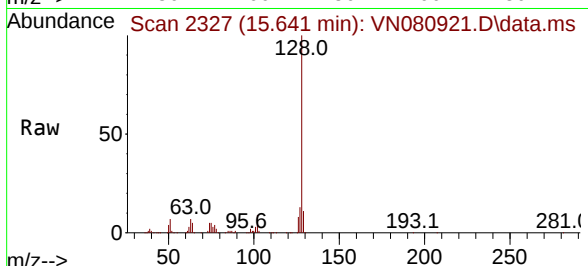
227 63.7 33.1 99.2





#95
Naphthalene
Concen: 16.398 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33

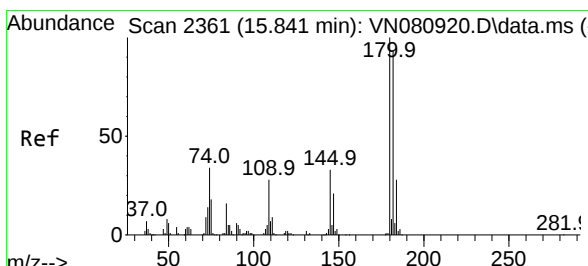
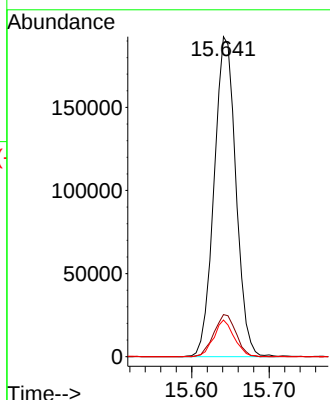
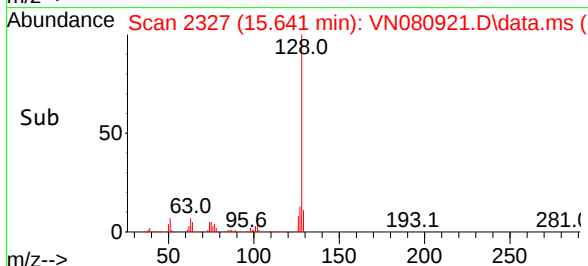
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



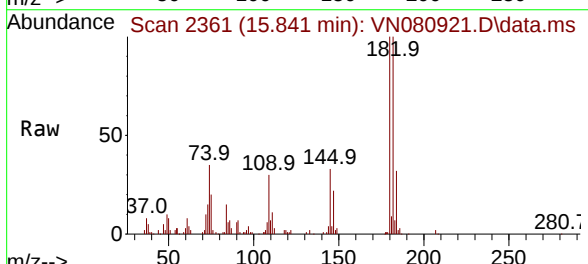
Tgt Ion:128 Resp: 376815
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.763 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080921.D
Acq: 06 Feb 2024 16:33



Tgt Ion:180 Resp: 107989
Ion Ratio Lower Upper
180 100
182 91.6 46.5 139.3
145 34.8 17.8 53.4

