

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080919.D
 Acq On : 06 Feb 2024 15:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 07 05:28:37 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	460022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	806342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	858206	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	363334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	561183	96.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 193.400%#			
35) Dibromofluoromethane	8.165	113	495408	114.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 229.000%#			
50) Toluene-d8	10.565	98	1767797	112.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 225.900%#			
62) 4-Bromofluorobenzene	12.847	95	726215	127.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 255.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	503819	96.670	ug/l	97
3) Chloromethane	2.359	50	526892	98.935	ug/l	100
4) Vinyl Chloride	2.512	62	650110	95.513	ug/l	92
5) Bromomethane	2.936	94	391399	89.386	ug/l	94
6) Chloroethane	3.106	64	438599	91.113	ug/l	98
7) Trichlorofluoromethane	3.489	101	866850	97.266	ug/l	95
8) Diethyl Ether	3.959	74	304696	95.693	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.365	101	487964	97.333	ug/l	91
10) Methyl Iodide	4.583	142	499279	102.980	ug/l	99
11) Tert butyl alcohol	5.518	59	365159	456.691	ug/l	99
12) 1,1-Dichloroethene	4.336	96	471642	95.630	ug/l	90
13) Acrolein	4.171	56	466230	462.639	ug/l	98
14) Allyl chloride	5.018	41	637301	97.526	ug/l	# 86
15) Acrylonitrile	5.712	53	1061305	485.590	ug/l	98
16) Acetone	4.418	43	763428	399.858	ug/l	97
17) Carbon Disulfide	4.712	76	1186472	95.378	ug/l	97
18) Methyl Acetate	5.018	43	540050	98.596	ug/l	# 87
19) Methyl tert-butyl Ether	5.789	73	1654026	100.682	ug/l	96
20) Methylene Chloride	5.277	84	529862	91.601	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	531217	95.951	ug/l	92
22) Diisopropyl ether	6.671	45	1642161	108.416	ug/l	# 91
23) Vinyl Acetate	6.600	43	6198815	621.065	ug/l	# 86
24) 1,1-Dichloroethane	6.565	63	1066055	108.072	ug/l	94
25) 2-Butanone	7.483	43	1392200	454.301	ug/l	# 87
26) 2,2-Dichloropropane	7.488	77	999537	110.809	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	705892	109.729	ug/l	83
28) Bromochloromethane	7.812	49	387063	94.299	ug/l	# 55
29) Tetrahydrofuran	7.836	42	867874	463.211	ug/l	# 78
30) Chloroform	7.965	83	1048256	96.157	ug/l	98
31) Cyclohexane	8.253	56	709152	89.412	ug/l	# 75
32) 1,1,1-Trichloroethane	8.165	97	954021	100.996	ug/l	# 92
36) 1,1-Dichloropropene	8.371	75	752773	116.948	ug/l	95
37) Ethyl Acetate	7.559	43	556730	114.305	ug/l	98
38) Carbon Tetrachloride	8.359	117	803722	121.804	ug/l	96
39) Methylcyclohexane	9.600	83	756602	105.462	ug/l	# 87
40) Benzene	8.606	78	2238210	114.233	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	309484	106.623	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	763625	111.934	ug/l	99
43) Isopropyl Acetate	8.688	43	1017437	113.600	ug/l #	91
44) Trichloroethene	9.353	130	600148	100.841	ug/l	96
45) 1,2-Dichloropropane	9.618	63	542404	102.601	ug/l	98
46) Dibromomethane	9.712	93	399924	102.304	ug/l #	90
47) Bromodichloromethane	9.888	83	838502	109.661	ug/l #	97
48) Methyl methacrylate	9.682	41	466122	92.372	ug/l #	83
49) 1,4-Dioxane	9.694	88	170670	1831.775	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	2910951	539.318	ug/l	91
52) Toluene	10.629	92	1456379	110.970	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	902287	121.951	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	952574	114.697	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	567756	111.928	ug/l	94
56) Ethyl methacrylate	10.877	69	813525	134.066	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	931013	113.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	2151540	584.034	ug/l #	84
59) 2-Hexanone	11.200	43	2180436	532.997	ug/l	90
60) Dibromochloromethane	11.359	129	636727	122.848	ug/l	97
61) 1,2-Dibromoethane	11.471	107	576122	113.861	ug/l	97
64) Tetrachloroethene	11.106	164	520216	80.307	ug/l	92
65) Chlorobenzene	11.894	112	1800354	100.097	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	762316	117.453	ug/l	97
67) Ethyl Benzene	11.965	91	3461203	111.714	ug/l	97
68) m/p-Xylenes	12.071	106	2684380	228.050	ug/l	92
69) o-Xylene	12.400	106	1198739	104.951	ug/l	91
70) Styrene	12.412	104	2024735	118.114	ug/l	95
71) Bromoform	12.576	173	500729	115.188	ug/l #	97
73) Isopropylbenzene	12.700	105	2936178	103.909	ug/l	97
74) N-amyl acetate	12.494	43	980186	96.233	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	782028	88.966	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	702853m	90.940	ug/l	
77) Bromobenzene	12.982	156	731145	102.547	ug/l	66
78) n-propylbenzene	13.035	91	3397065	106.482	ug/l	94
79) 2-Chlorotoluene	13.123	91	2031300	100.753	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	2371326	103.246	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	312092	114.457	ug/l	98
82) 4-Chlorotoluene	13.223	91	2012672	100.057	ug/l	92
83) tert-Butylbenzene	13.441	119	2134762	109.040	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	2492228	108.947	ug/l	93
85) sec-Butylbenzene	13.618	105	2891681	109.917	ug/l	93
86) p-Isopropyltoluene	13.729	119	2437481	109.636	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	1323259	104.214	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	1303897	101.191	ug/l	96
89) n-Butylbenzene	14.059	91	2094073	106.628	ug/l	97
90) Hexachloroethane	14.335	117	358778	102.342	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	1233903	101.431	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	140512	85.458	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	585840	97.355	ug/l	99
94) Hexachlorobutadiene	15.506	225	240067	92.019	ug/l	96
95) Naphthalene	15.641	128	1922802	96.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	548852	92.660	ug/l	99

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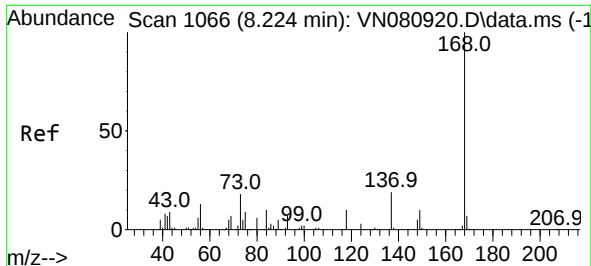
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/07/2024

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Quant Title : SW846 8260
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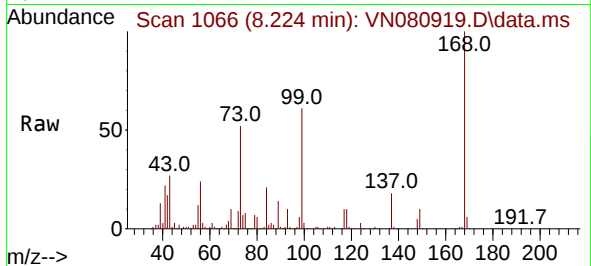
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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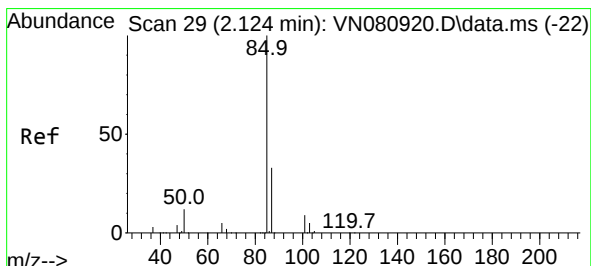
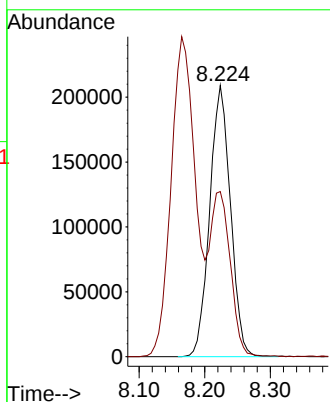
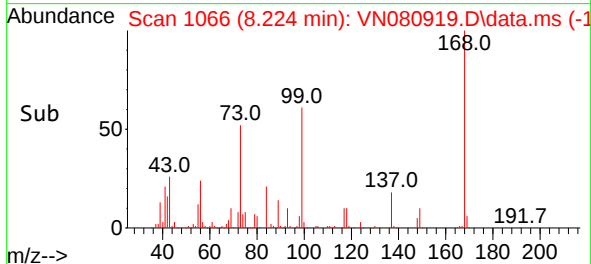
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 46002
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9

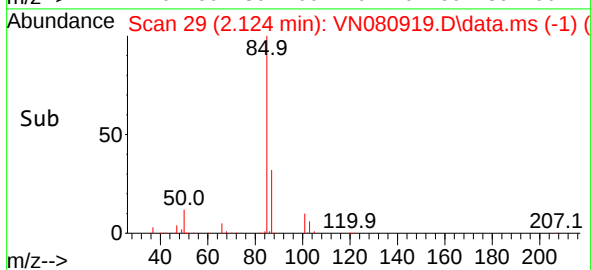
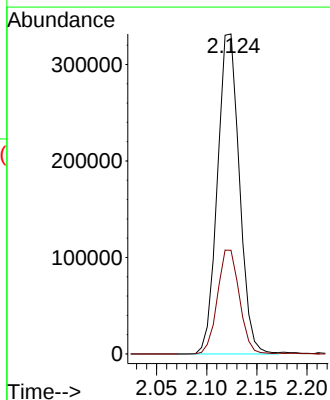
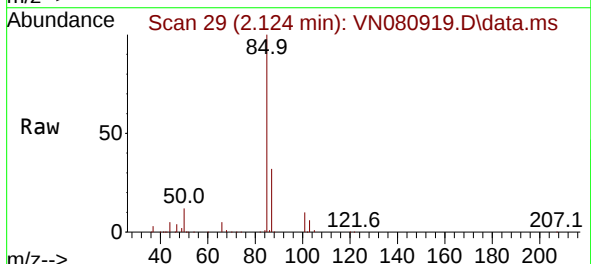
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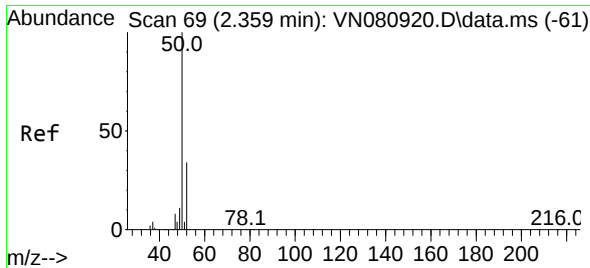
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#2
Dichlorodifluoromethane
Concen: 96.670 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

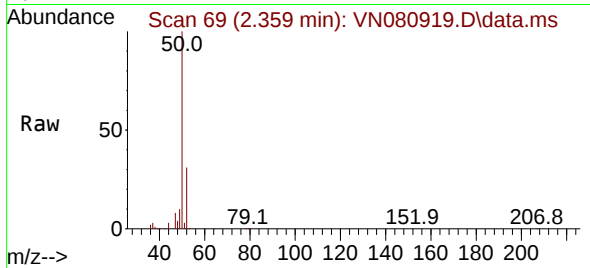
Tgt Ion: 85 Resp: 503819
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 98.935 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

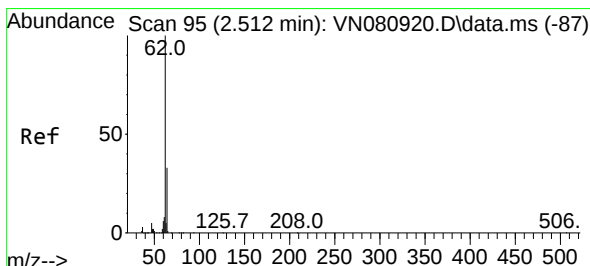
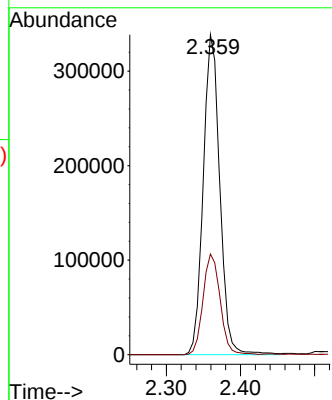
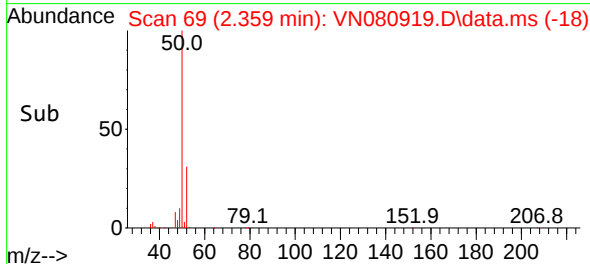
Instrument :
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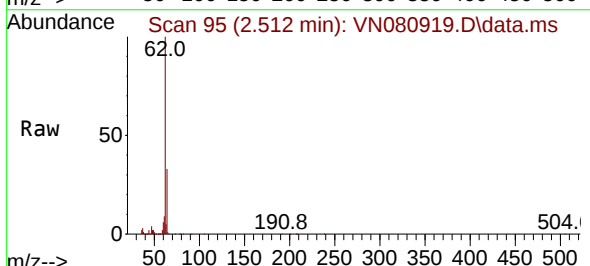
Tgt Ion: 50 Resp: 526892
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

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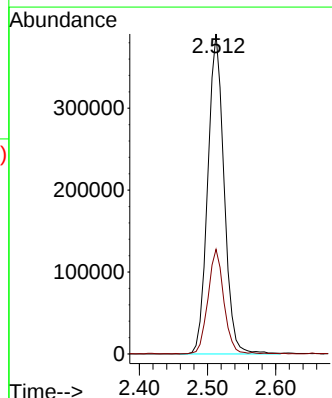
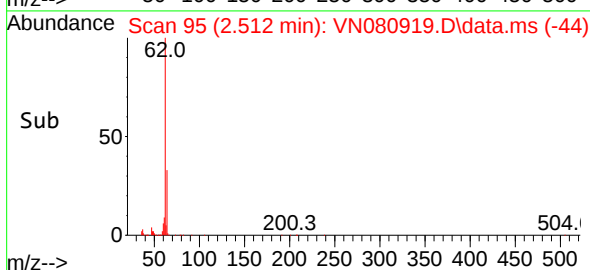
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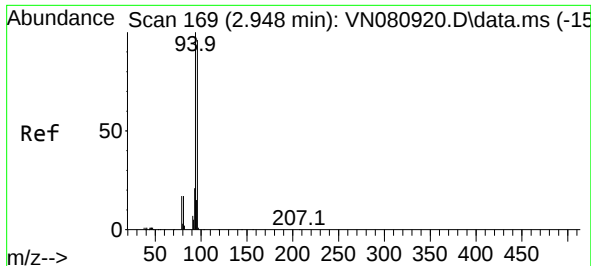


#4
Vinyl Chloride
Concen: 95.513 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



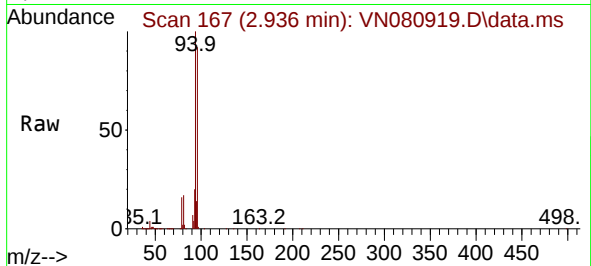
Tgt Ion: 62 Resp: 650110
Ion Ratio Lower Upper
62 100
64 32.7 22.7 34.1





#5
Bromomethane
Concen: 89.386 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN080919.D
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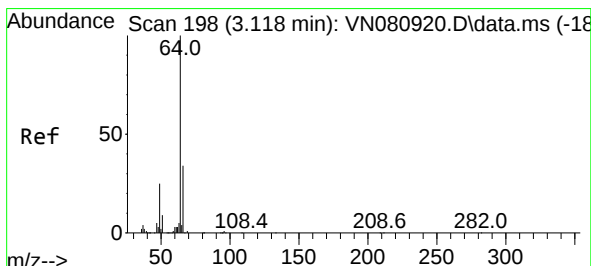
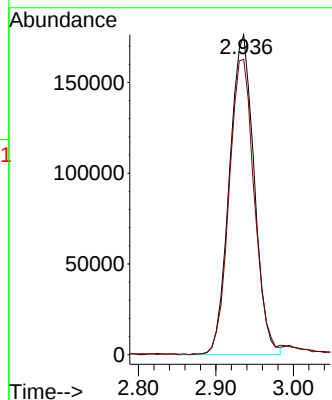
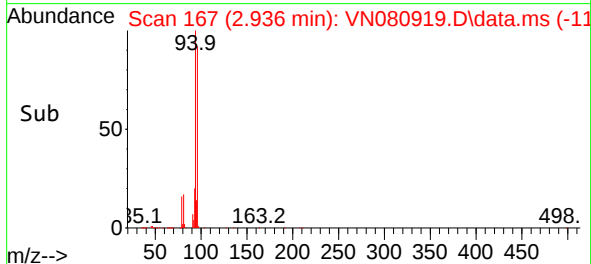
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Tgt Ion: 94 Resp: 391399
Ion Ratio Lower Upper
94 100
96 92.1 69.2 103.8

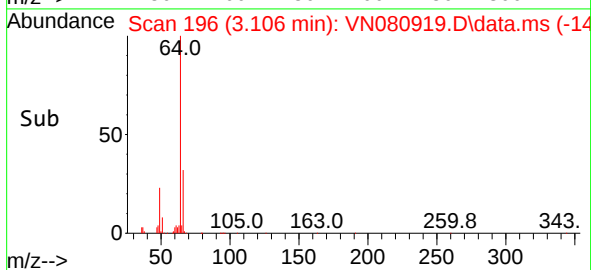
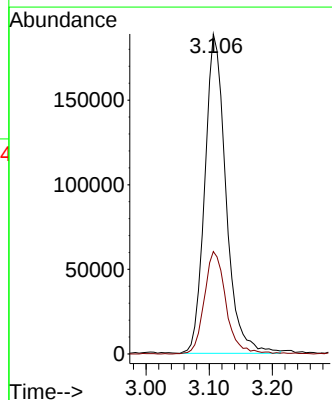
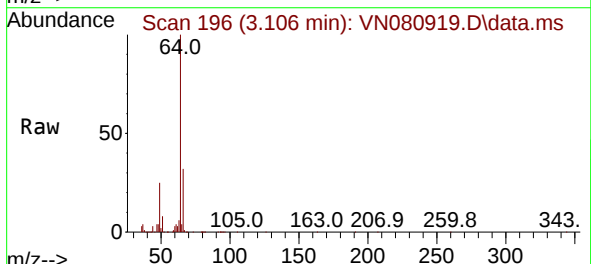
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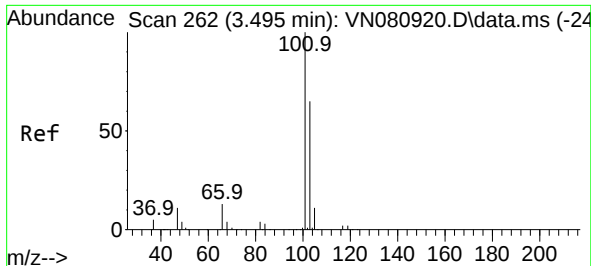
Reviewed By :John Carlone 02/07/2024
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#6
Chloroethane
Concen: 91.113 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 438599
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





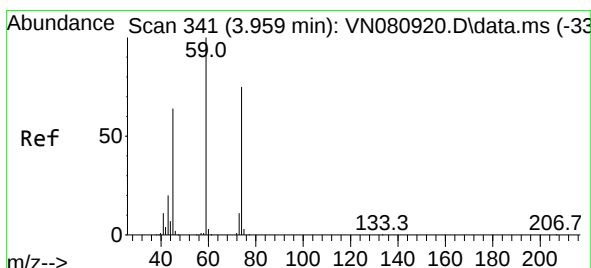
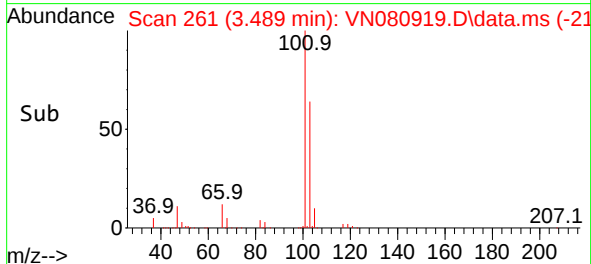
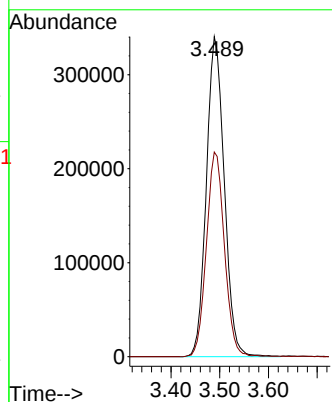
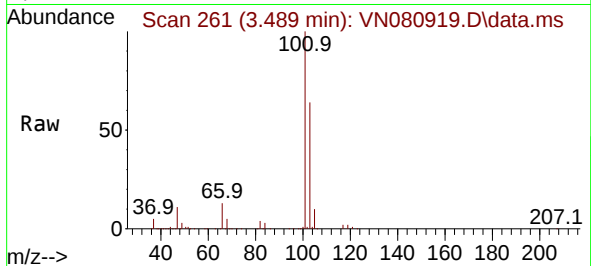
#7
Trichlorofluoromethane
Concen: 97.266 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 866850
Ion Ratio Lower Upper
101 100
103 63.9 54.4 81.6

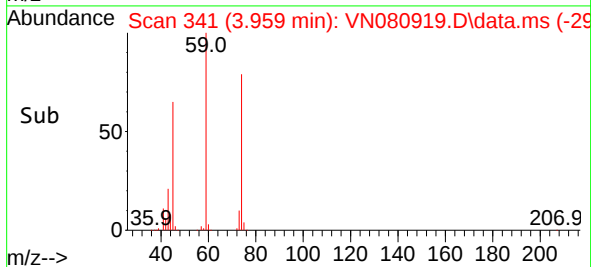
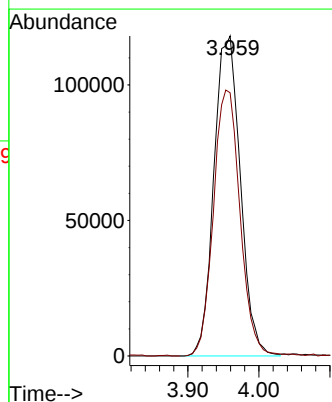
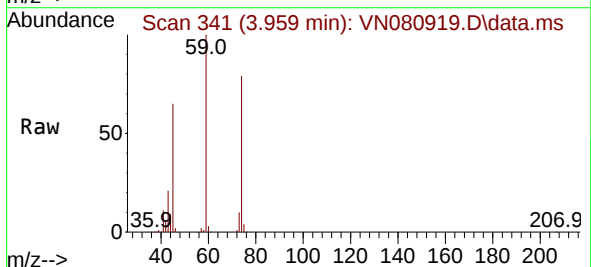
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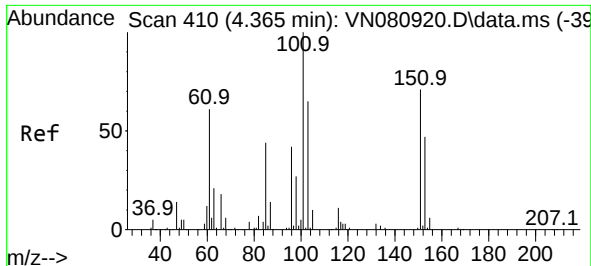
Reviewed By :John Carlone 02/07/2024
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#8
Diethyl Ether
Concen: 95.693 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 74 Resp: 304696
Ion Ratio Lower Upper
74 100
45 83.9 53.3 159.9





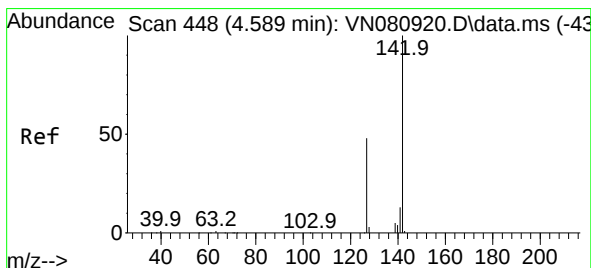
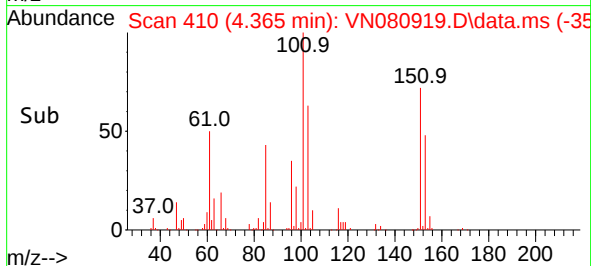
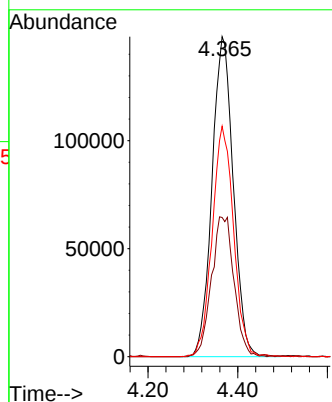
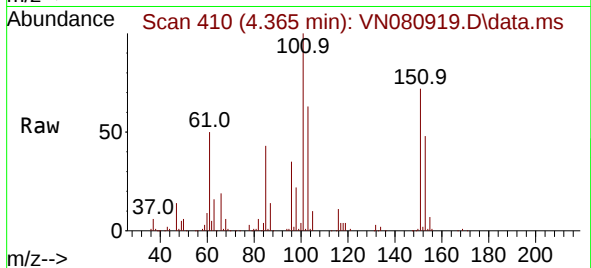
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.333 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 487964
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 72.6 49.1 73.7

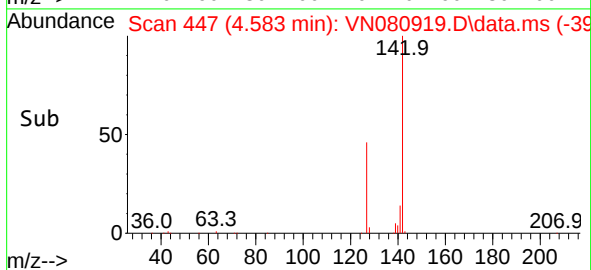
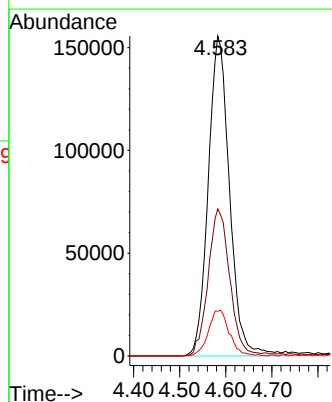
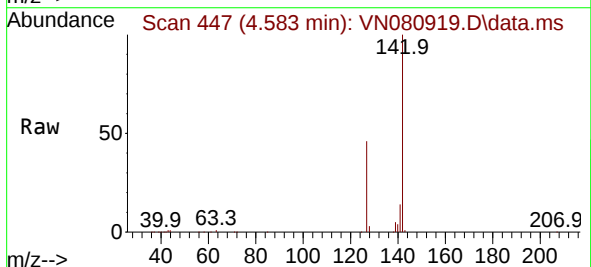
Manual Integrations
APPROVED

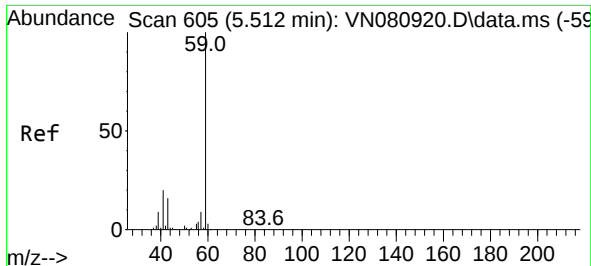
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#10
Methyl Iodide
Concen: 102.980 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:142 Resp: 499279
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.4
141 14.0 12.5 18.7





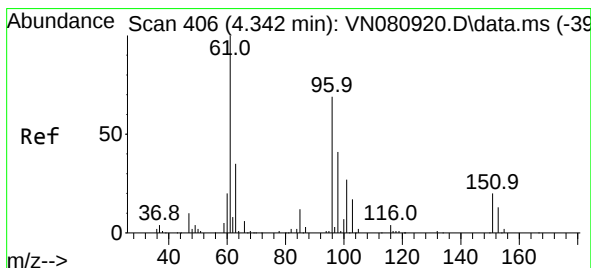
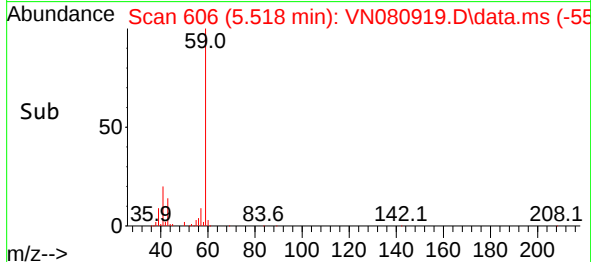
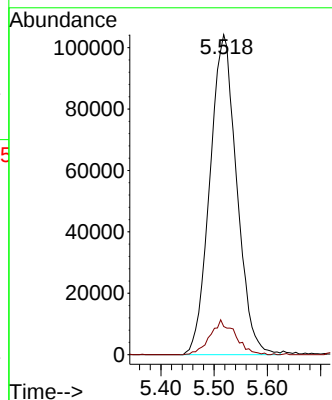
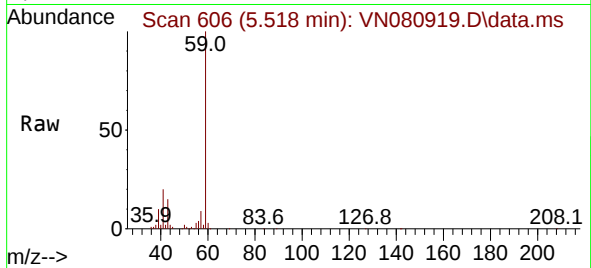
#11
Tert butyl alcohol
Concen: 456.691 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100

Tgt Ion: 59 Resp: 365159
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

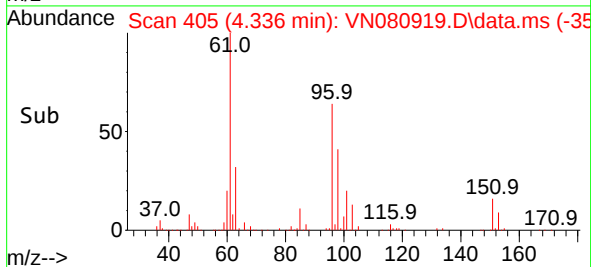
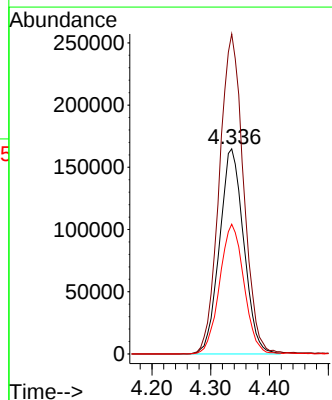
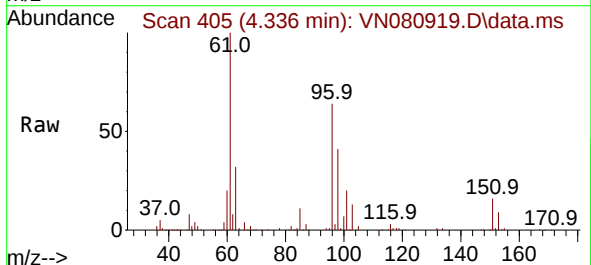
Manual Integrations
APPROVED

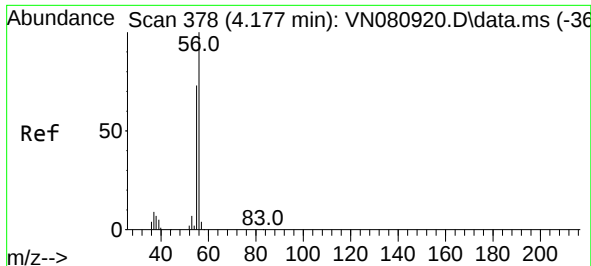
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#12
1,1-Dichloroethene
Concen: 95.630 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 96 Resp: 471642
Ion Ratio Lower Upper
96 100
61 156.0 138.2 207.4
98 63.3 49.2 73.8





#13

Acrolein

Concen: 462.639 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 466230

Ion Ratio Lower Upper

56 100

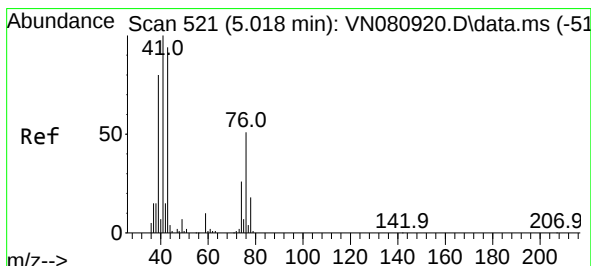
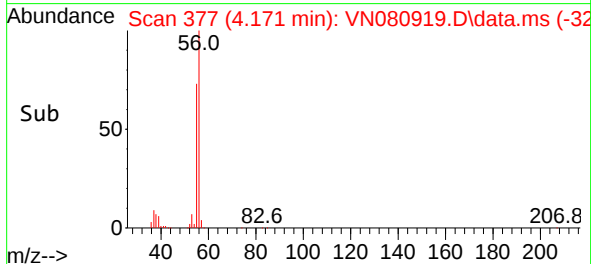
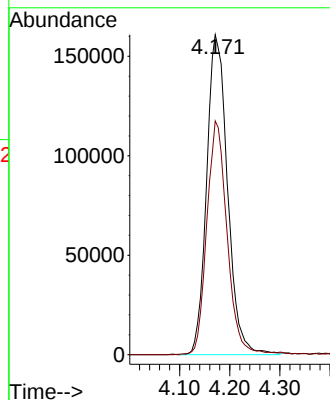
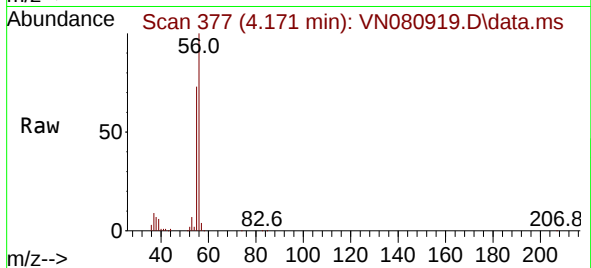
55 70.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#14

Allyl chloride

Concen: 97.526 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

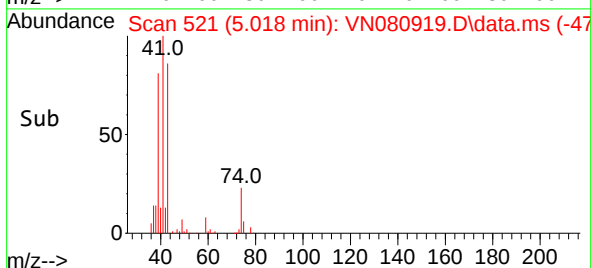
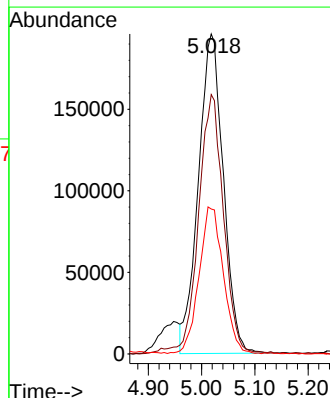
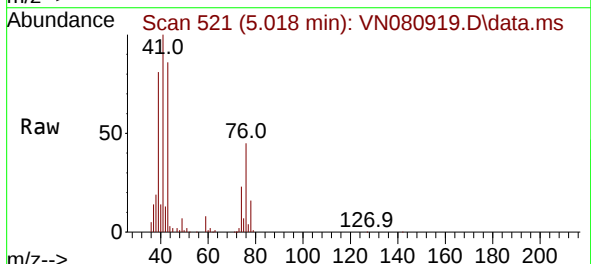
Tgt Ion: 41 Resp: 637301

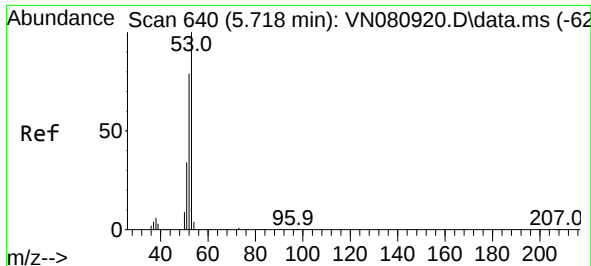
Ion Ratio Lower Upper

41 100

39 81.4 57.7 86.5

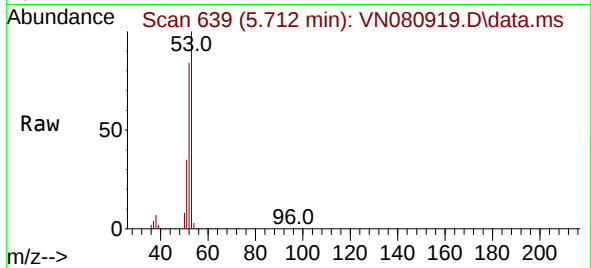
76 44.6 26.8 40.2#





#15
Acrylonitrile
Concen: 485.590 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

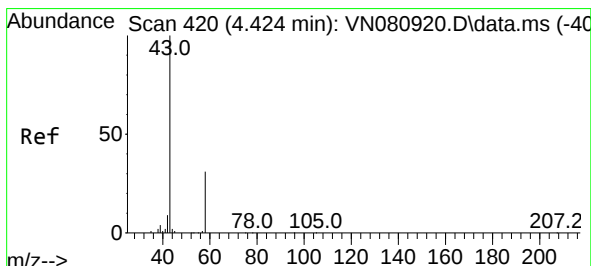
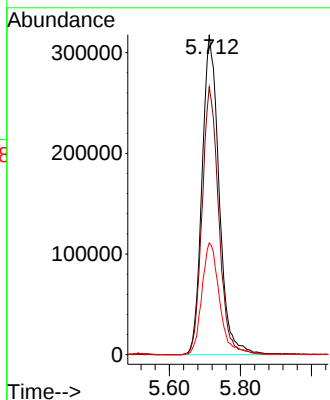
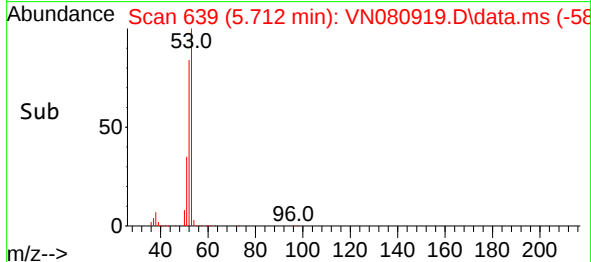
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 106130
Ion Ratio Lower Upper
53 100
52 81.4 64.8 97.2
51 36.5 26.9 40.3

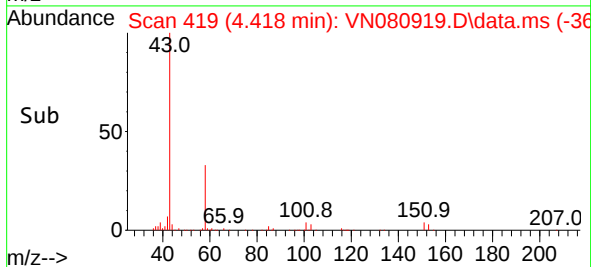
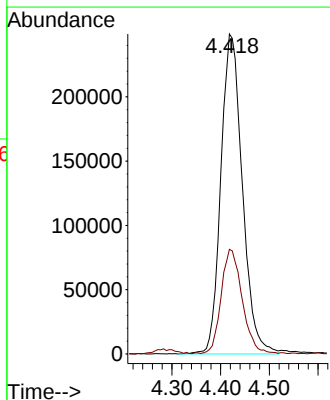
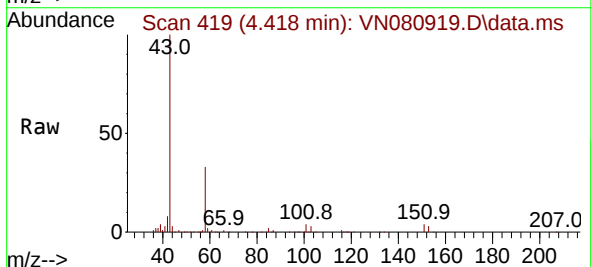
Manual Integrations
APPROVED

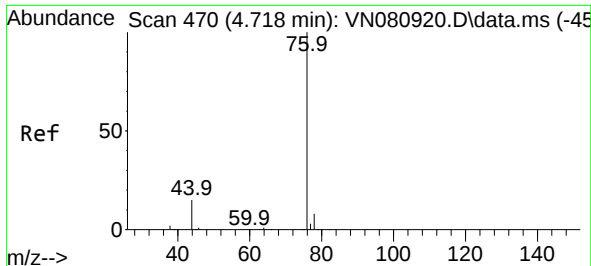
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#16
Acetone
Concen: 399.858 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

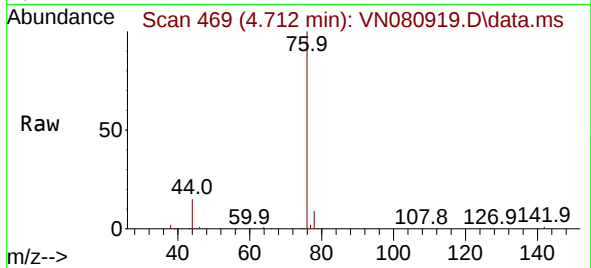
Tgt Ion: 43 Resp: 763428
Ion Ratio Lower Upper
43 100
58 32.5 24.8 37.2





#17
Carbon Disulfide
Concen: 95.378 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

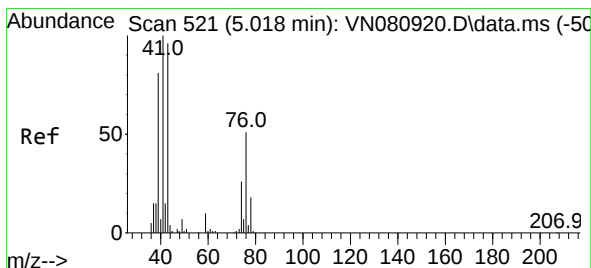
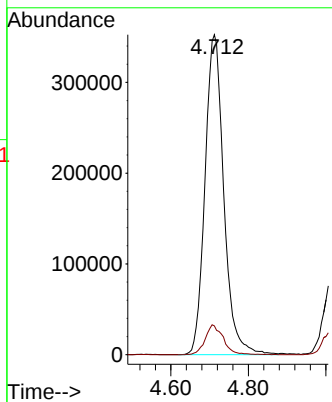
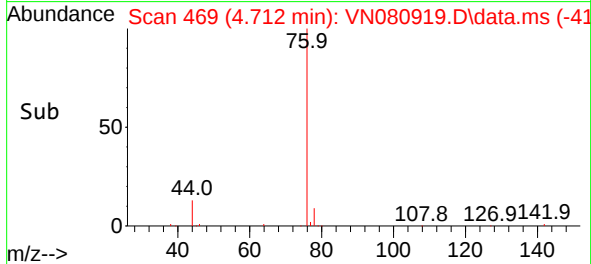
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 118647
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5

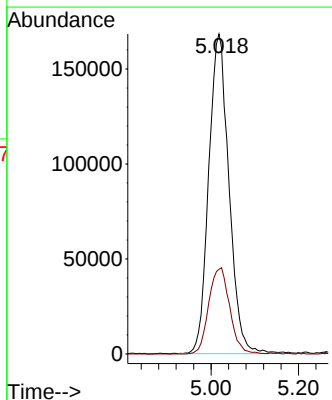
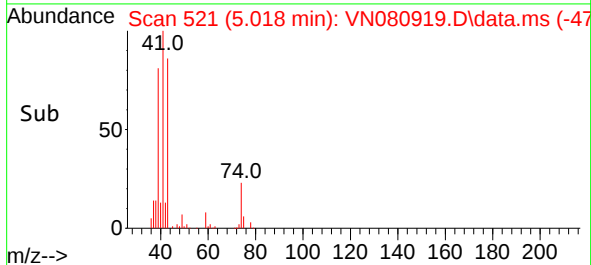
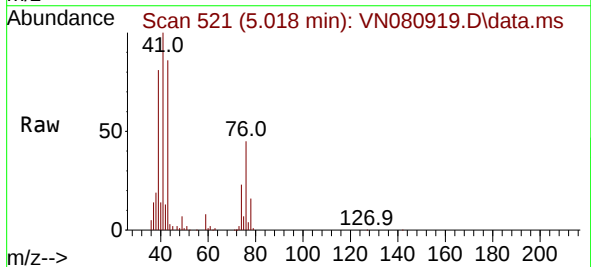
Manual Integrations
APPROVED

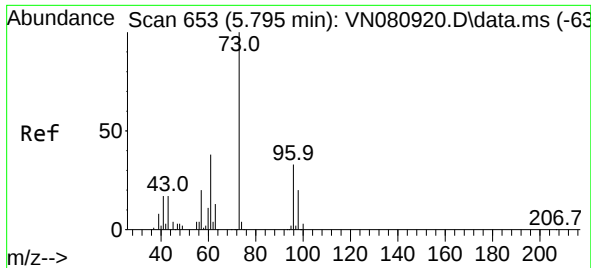
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#18
Methyl Acetate
Concen: 98.596 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 43 Resp: 540050
Ion Ratio Lower Upper
43 100
74 27.9 17.3 25.9#





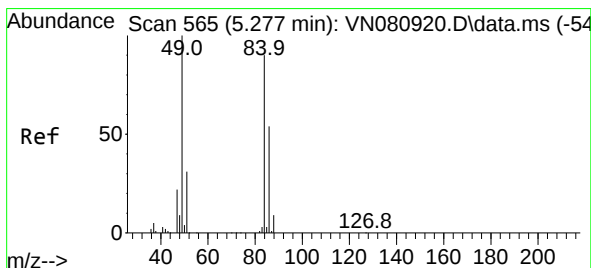
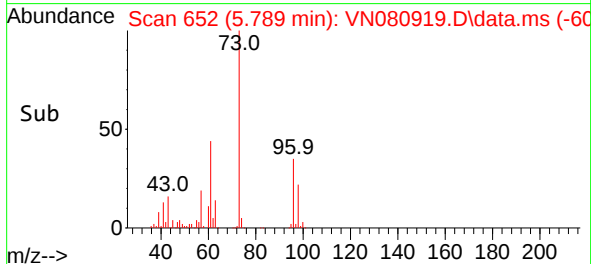
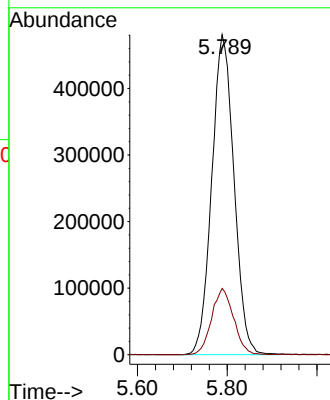
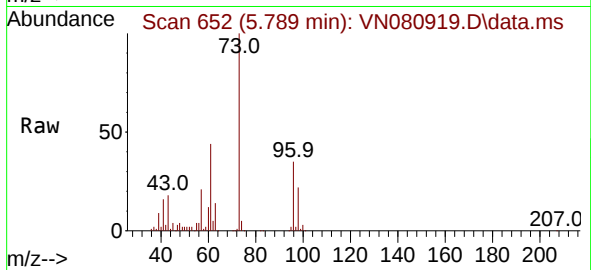
#19
Methyl tert-butyl Ether
Concen: 100.682 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 165402
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

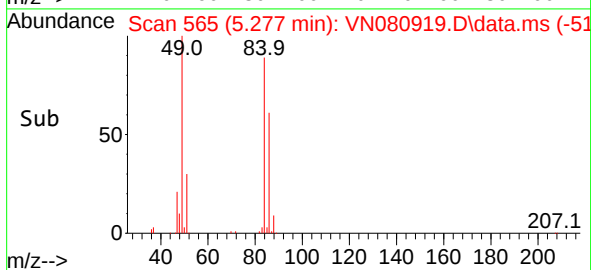
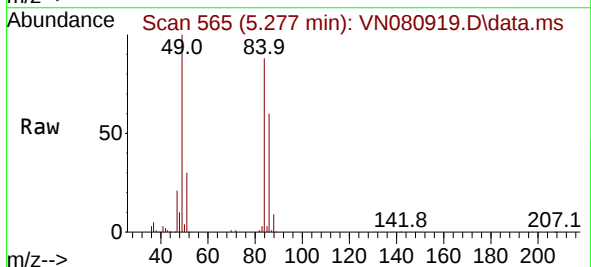
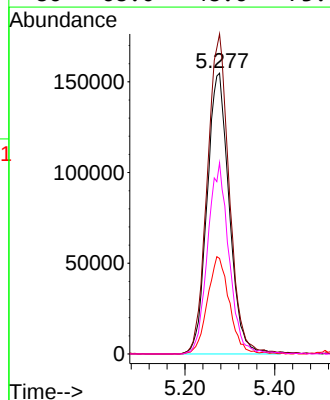
Manual Integrations
APPROVED

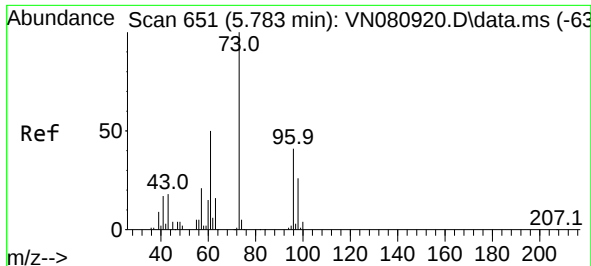
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 91.601 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

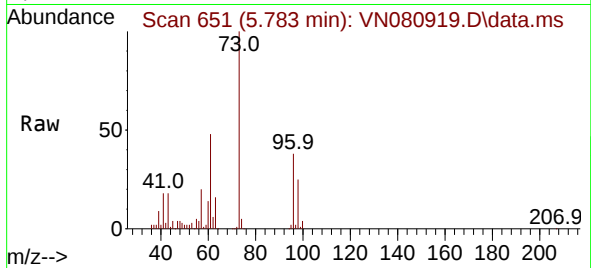
Tgt Ion: 84 Resp: 529862
Ion Ratio Lower Upper
84 100
49 113.9 108.1 162.1
51 34.0 32.9 49.3
86 68.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 95.951 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

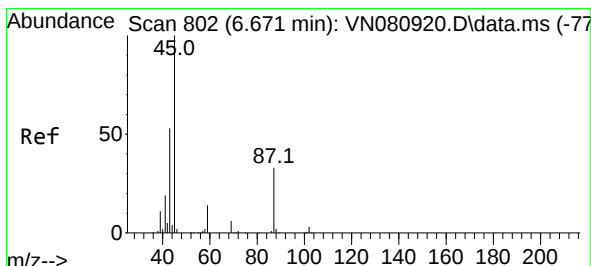
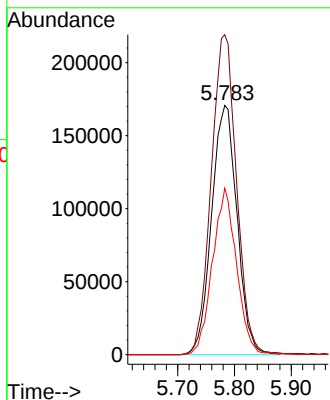
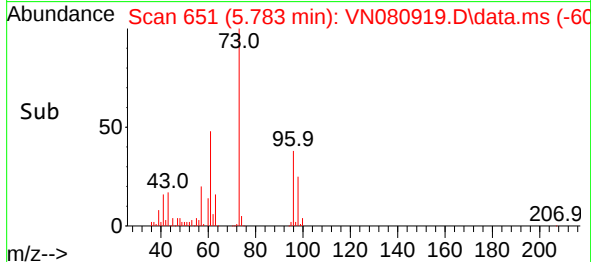
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 53121
Ion Ratio Lower Upper
96 100
61 128.3 112.8 169.2
98 66.7 51.0 76.4

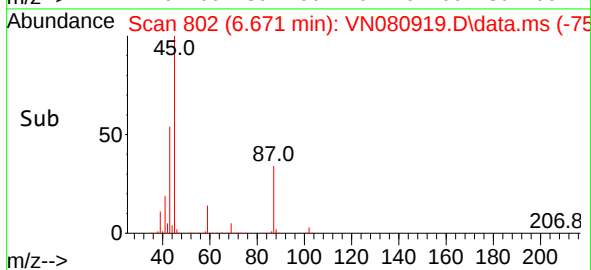
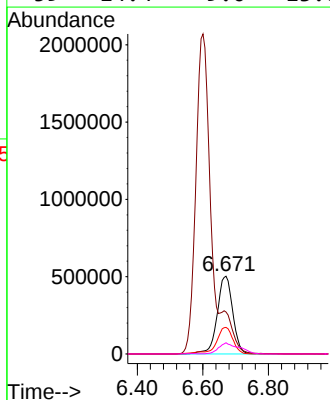
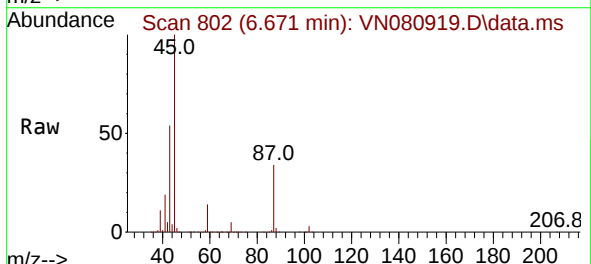
Manual Integrations
APPROVED

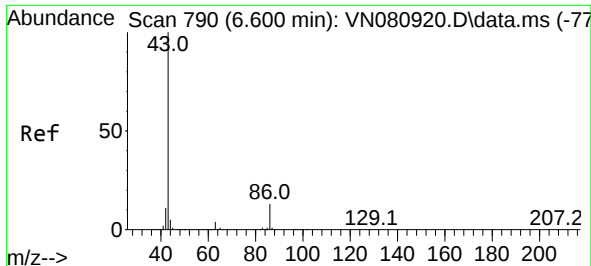
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 108.416 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

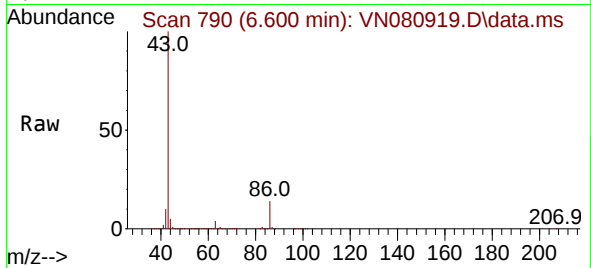
Tgt Ion: 45 Resp: 1642161
Ion Ratio Lower Upper
45 100
43 53.8 41.8 62.8
87 34.1 18.1 27.1#
59 14.4 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 621.065 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46

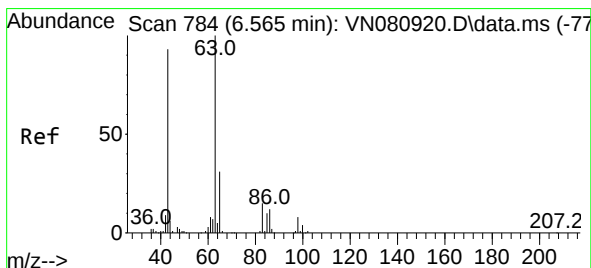
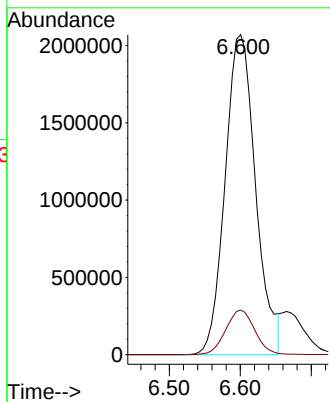
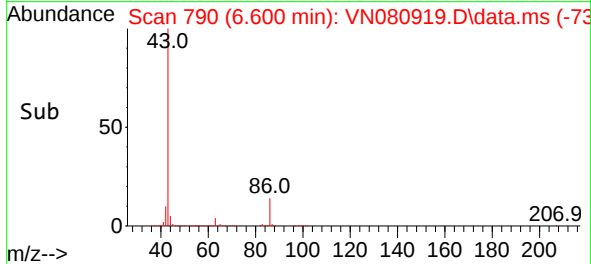
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



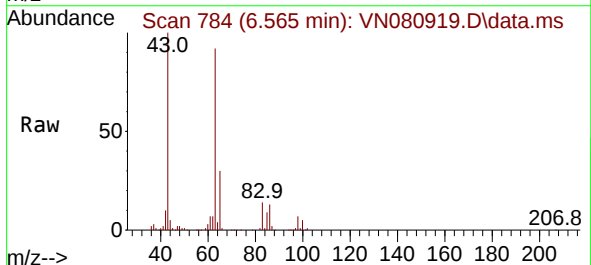
Tgt Ion: 43 Resp: 619881
 Ion Ratio Lower Upper
 43 100
 86 13.9 7.1 10.7

Manual Integrations
 APPROVED

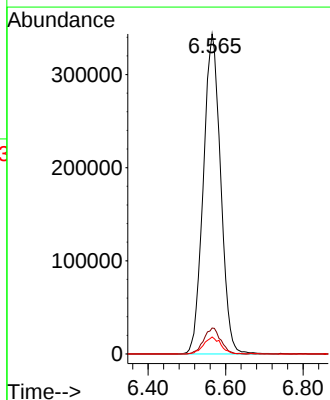
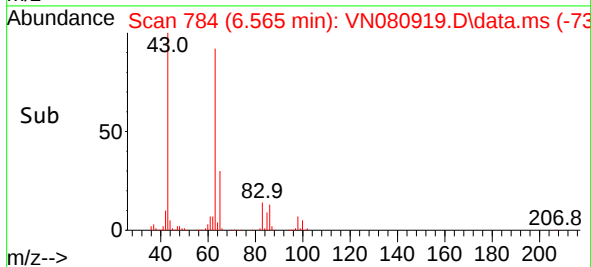
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

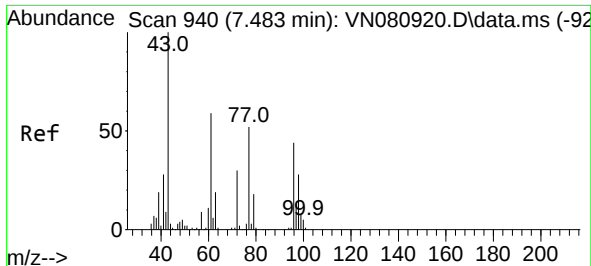


#24
 1,1-Dichloroethane
 Concen: 108.072 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46



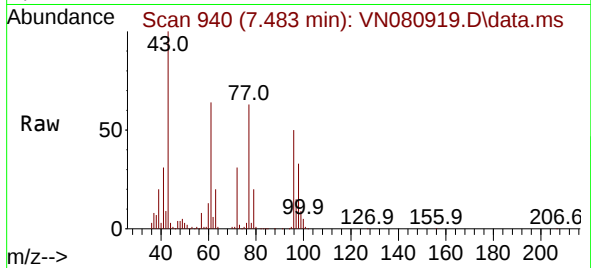
Tgt Ion: 63 Resp: 1066055
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 5.3 1.9 5.7





#25
2-Butanone
Concen: 454.301 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

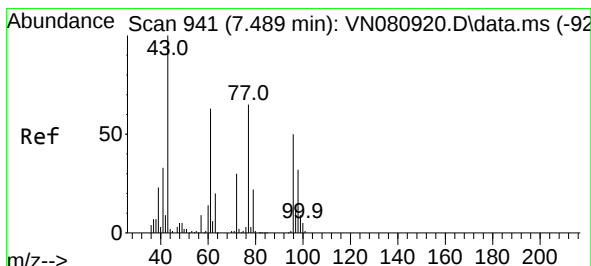
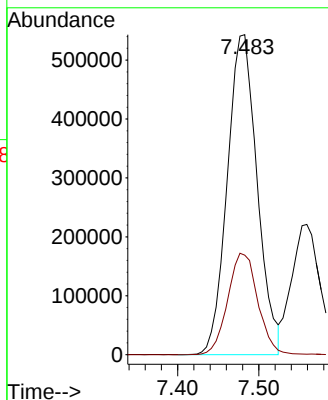
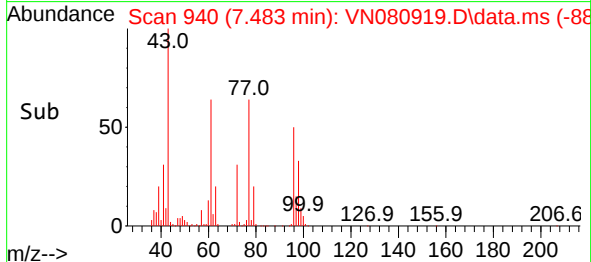
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



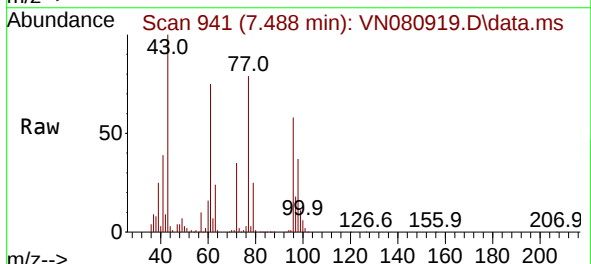
Tgt Ion: 43 Resp: 1392200
Ion Ratio Lower Upper
43 100
72 31.1 19.5 29.3

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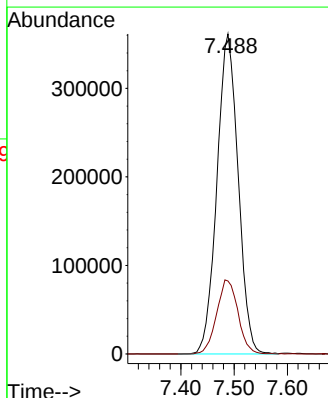
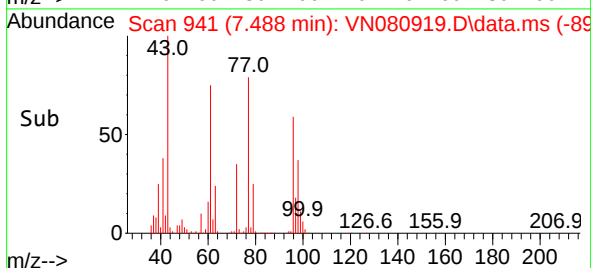
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

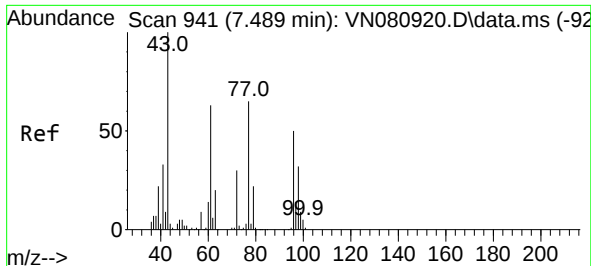


#26
2,2-Dichloropropane
Concen: 110.809 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



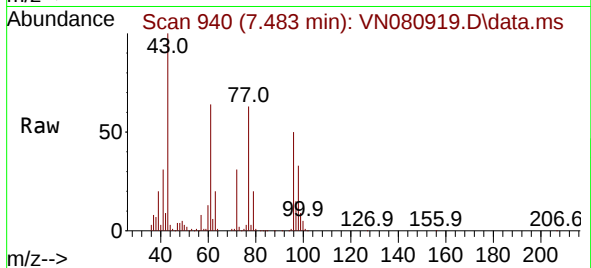
Tgt Ion: 77 Resp: 999537
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 109.729 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46

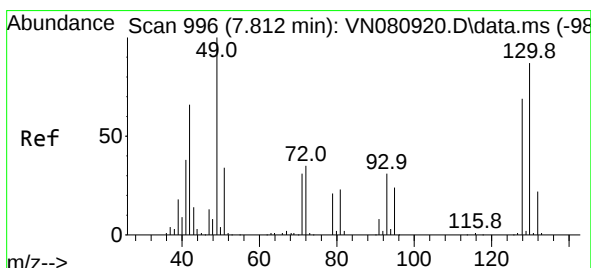
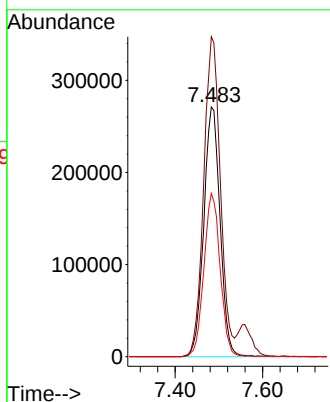
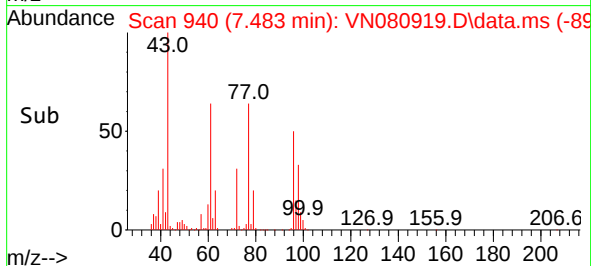
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 705892
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 325.4
 98 64.9 0.0 130.4

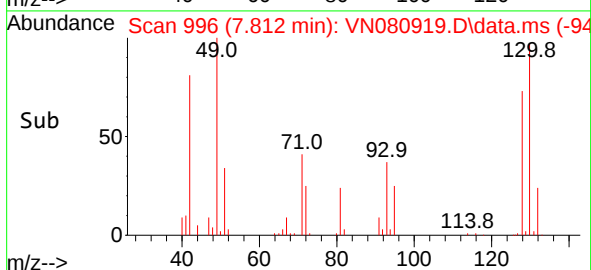
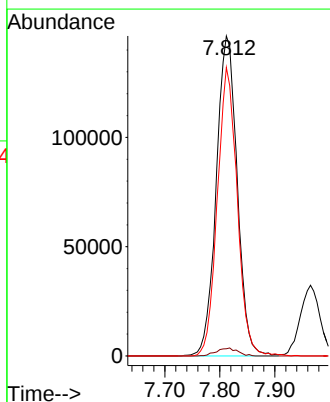
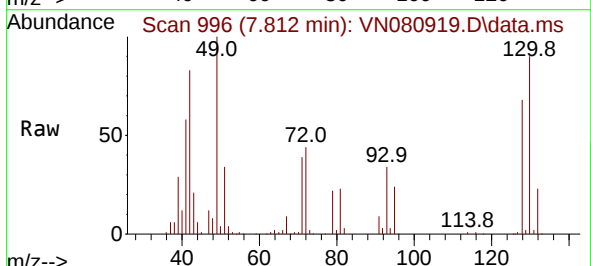
Manual Integrations
 APPROVED

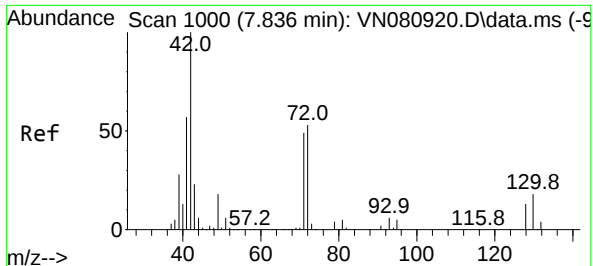
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#28
 Bromochloromethane
 Concen: 94.299 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46

Tgt Ion: 49 Resp: 387063
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 85.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 463.211 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 867874

Ion Ratio Lower Upper

42 100

72 52.3 31.1 46.7

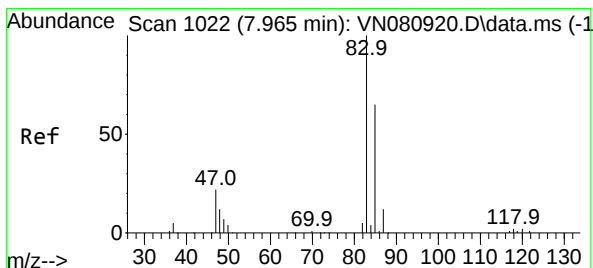
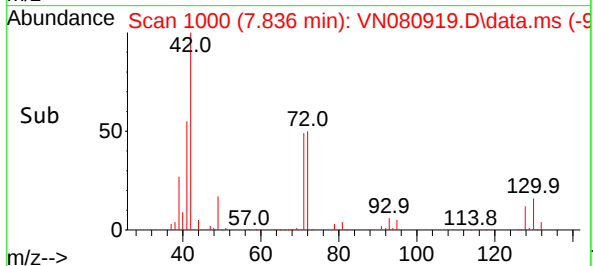
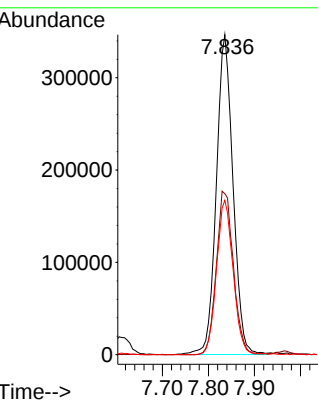
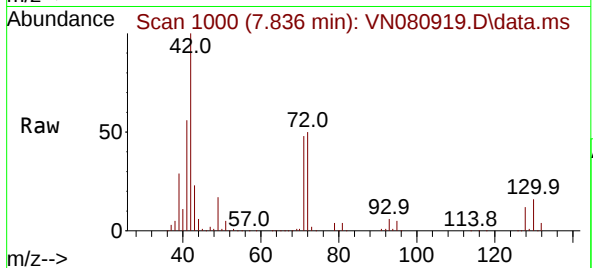
71 48.2 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#30

Chloroform

Concen: 96.157 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080919.D

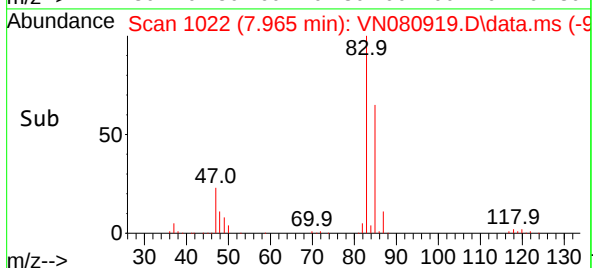
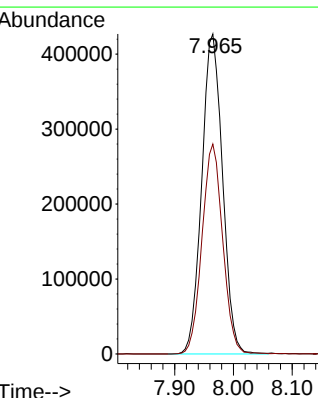
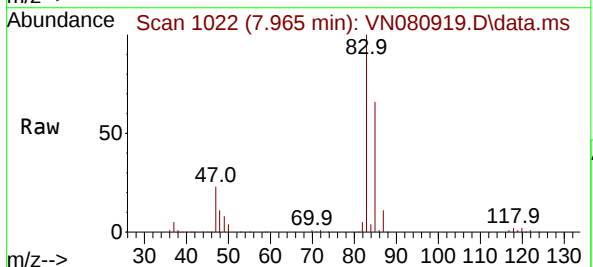
Acq: 06 Feb 2024 15:46

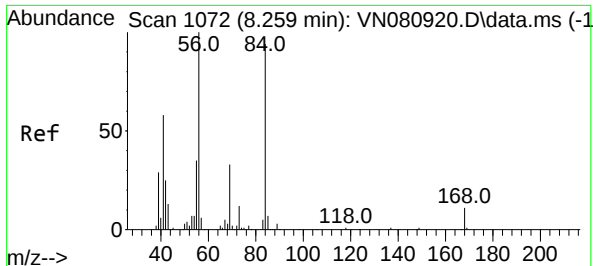
Tgt Ion: 83 Resp: 1048256

Ion Ratio Lower Upper

83 100

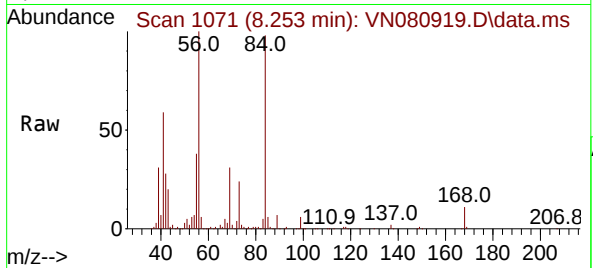
85 65.6 51.0 76.6





#31
Cyclohexane
Concen: 89.412 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

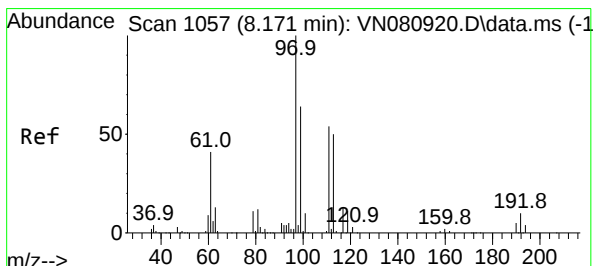
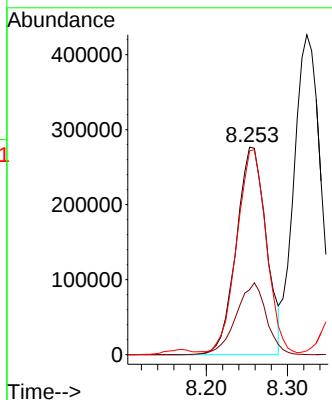
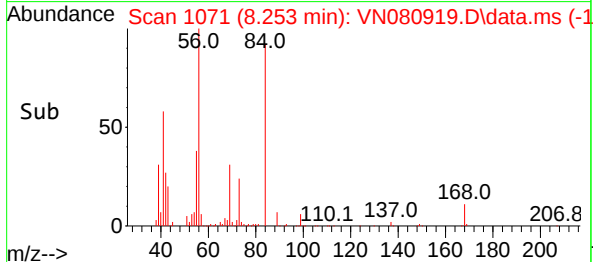
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 70915
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1
84 95.8 56.9 85.3

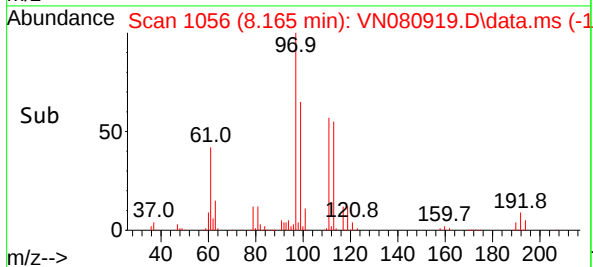
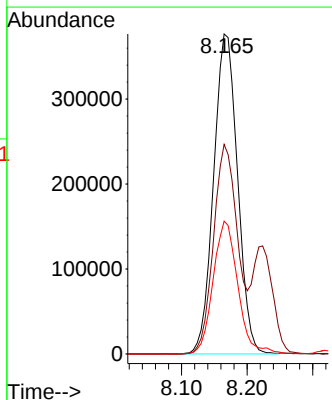
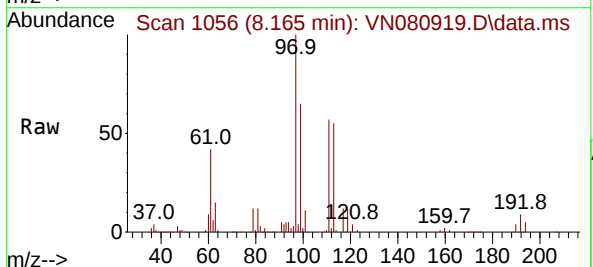
Manual Integrations
APPROVED

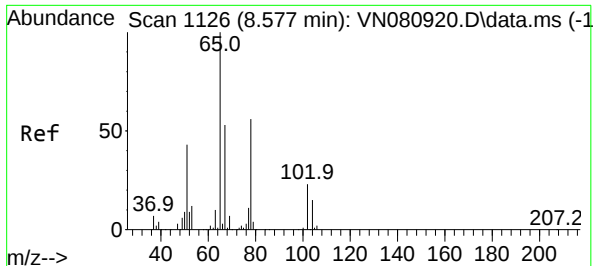
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#32
1,1,1-Trichloroethane
Concen: 100.996 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 97 Resp: 954021
Ion Ratio Lower Upper
97 100
99 66.2 53.4 80.0
61 42.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 96.702 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 56118

Ion Ratio Lower Upper

65 100

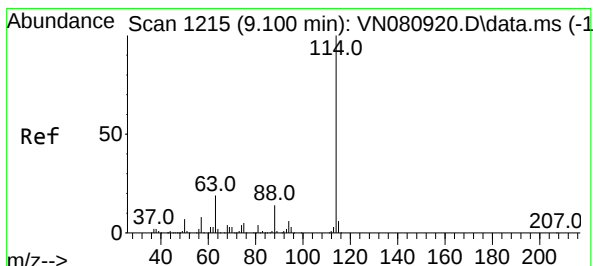
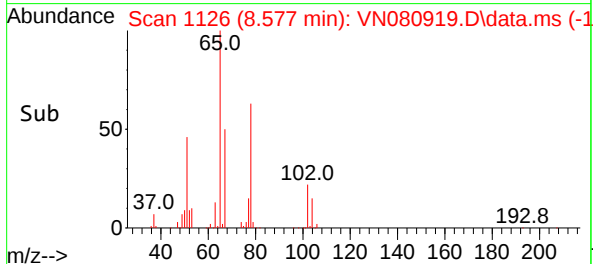
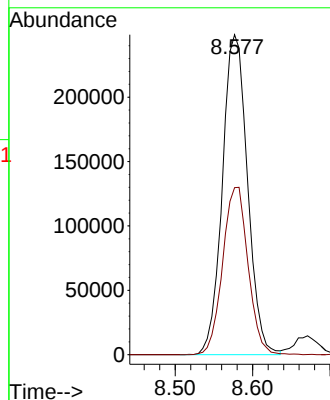
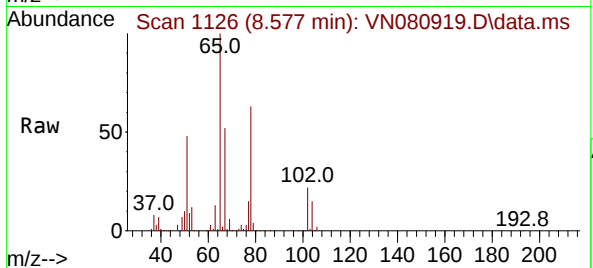
67 53.0 0.0 102.4

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: VN080919.D

Acq: 06 Feb 2024 15:46

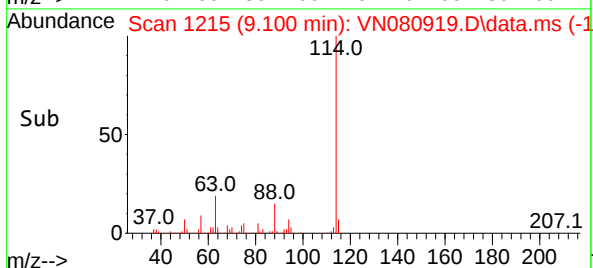
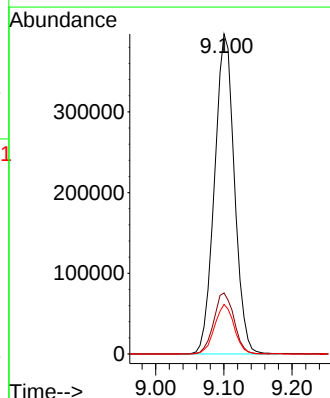
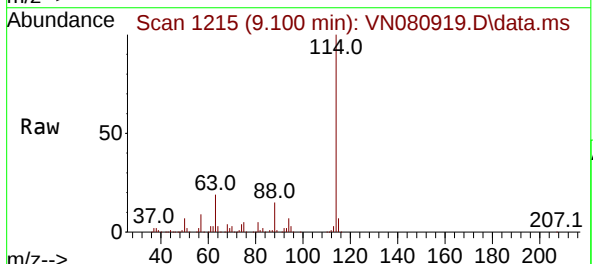
Tgt Ion:114 Resp: 806342

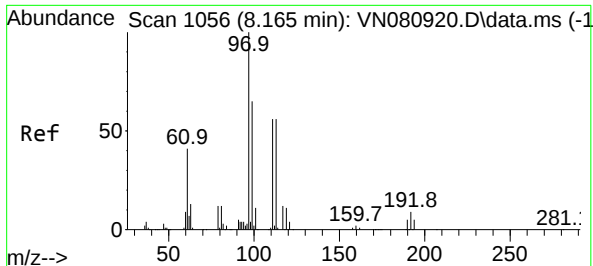
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 114.497 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 495408

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

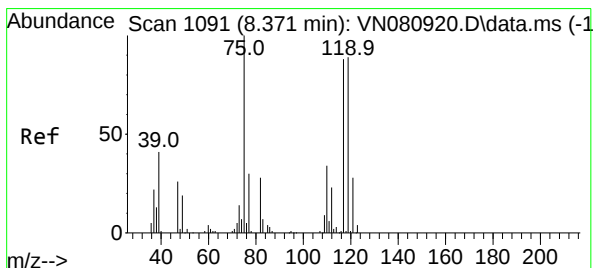
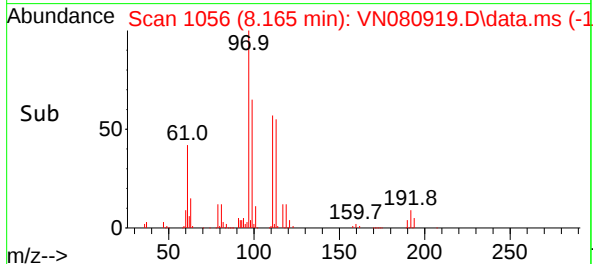
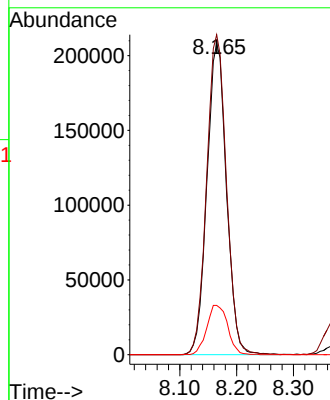
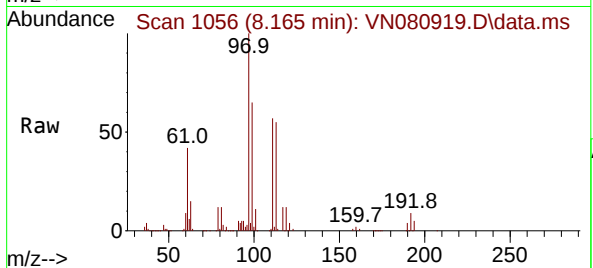
192 17.0 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#36

1,1-Dichloropropene

Concen: 116.948 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

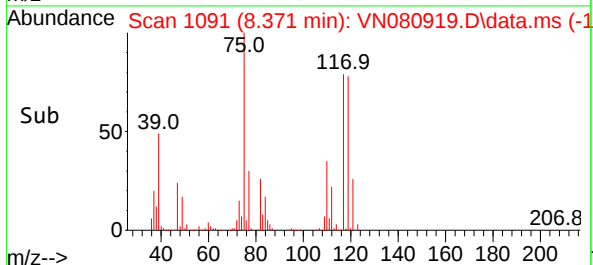
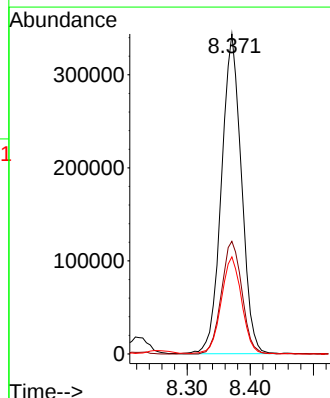
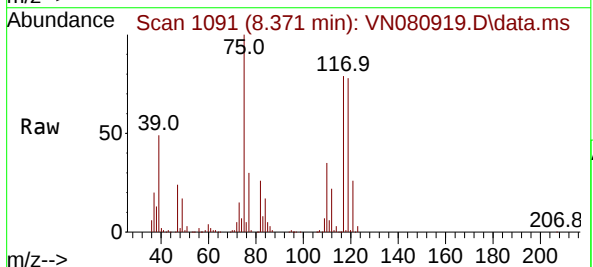
Tgt Ion: 75 Resp: 752773

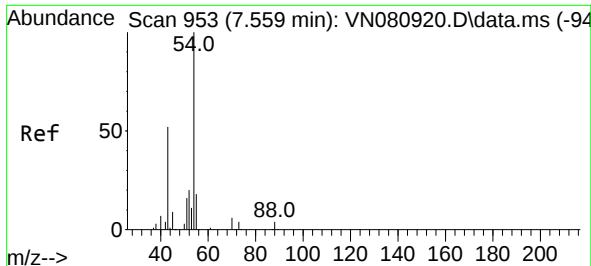
Ion Ratio Lower Upper

75 100

110 36.2 16.0 48.0

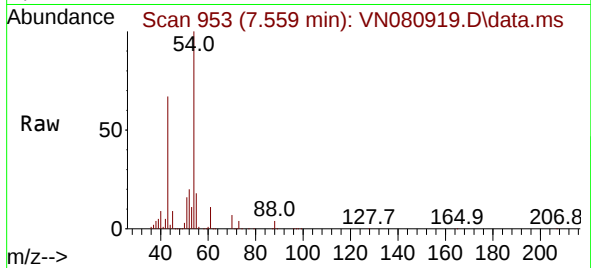
77 30.9 25.8 38.6





#37
Ethyl Acetate
Concen: 114.305 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

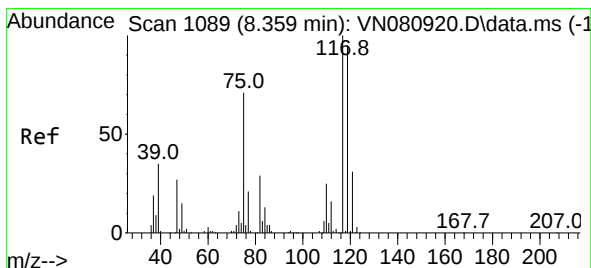
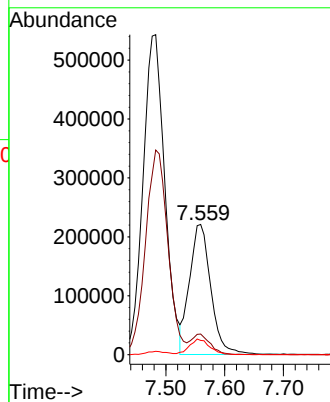
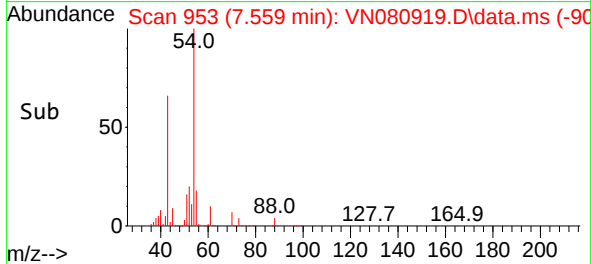
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 556730
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 11.2 8.0 12.0

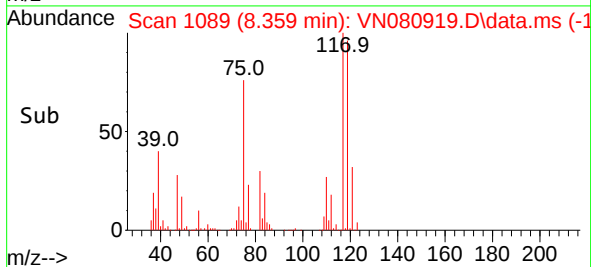
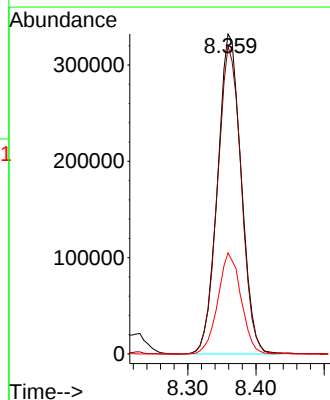
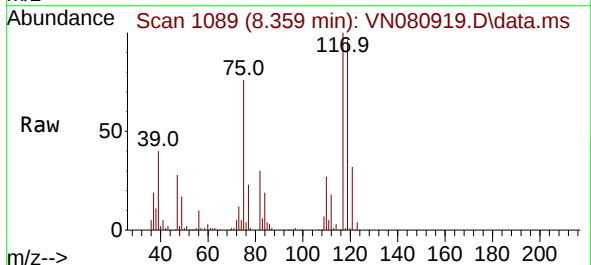
Manual Integrations
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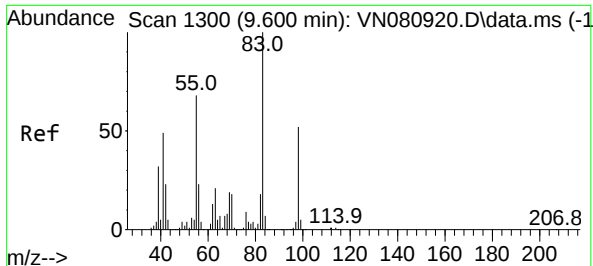
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#38
Carbon Tetrachloride
Concen: 121.804 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:117 Resp: 803722
Ion Ratio Lower Upper
117 100
119 96.2 73.4 110.2
121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 105.462 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 756602

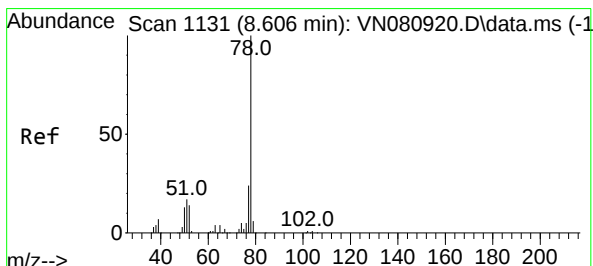
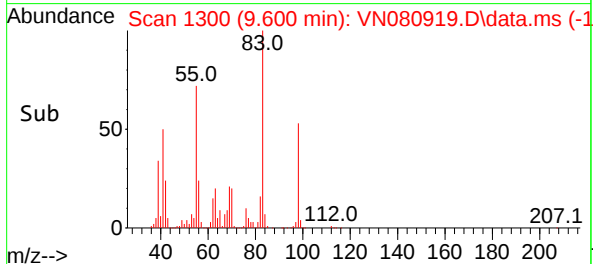
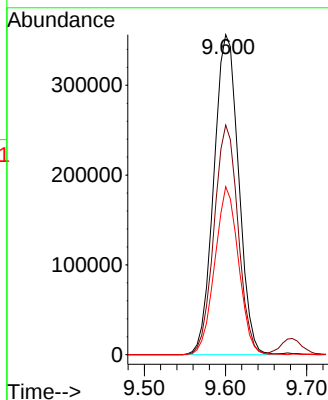
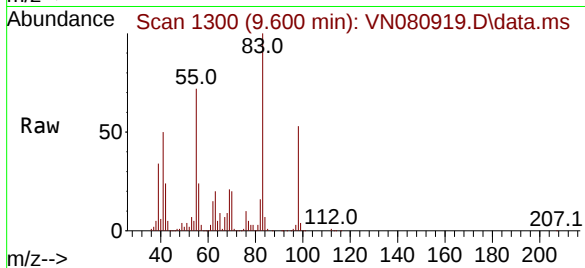
Ion	Ratio	Lower	Upper
83	100		
55	71.7	65.7	98.5
98	52.5	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#40

Benzene

Concen: 114.233 ug/l

RT: 8.606 min Scan# 1131

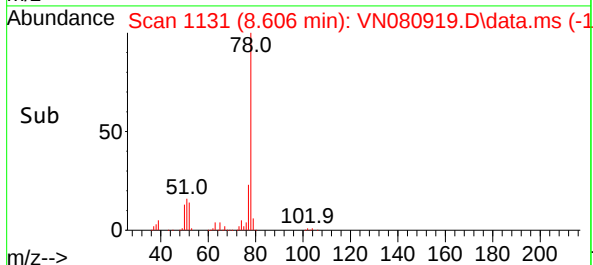
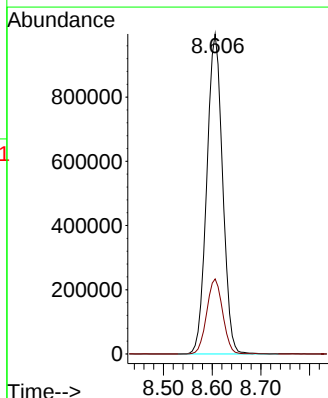
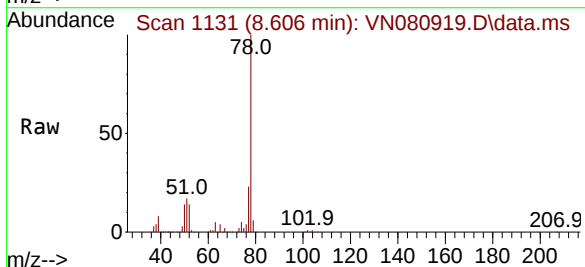
Delta R.T. -0.000 min

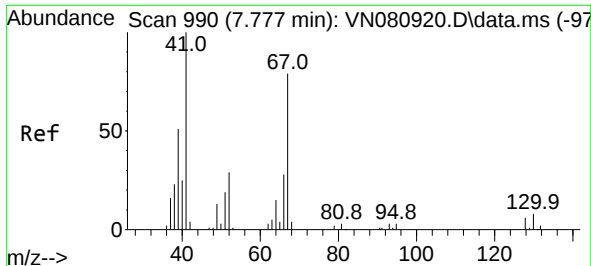
Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Tgt Ion: 78 Resp: 2238210

Ion	Ratio	Lower	Upper
78	100		
77	23.5	20.4	30.6





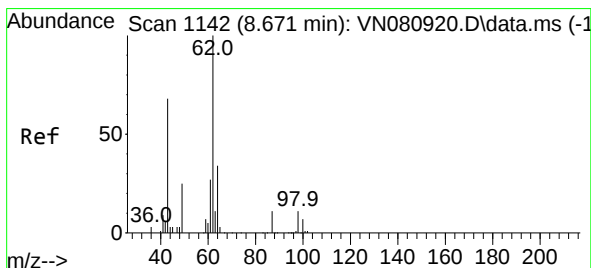
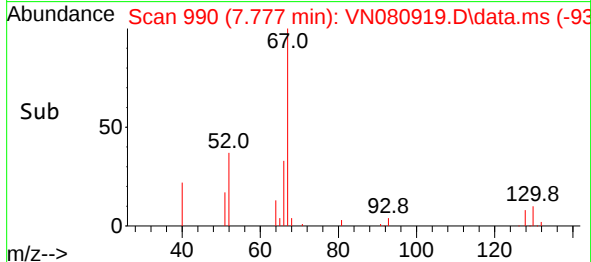
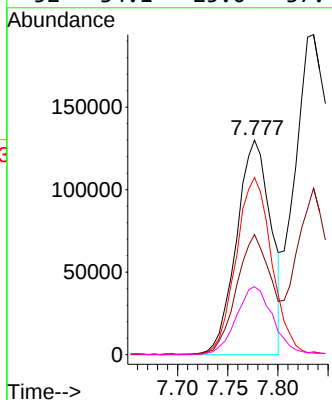
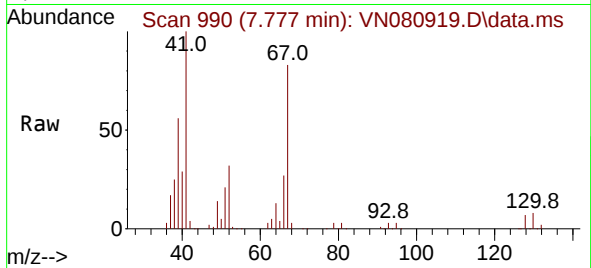
#41
Methacrylonitrile
Concen: 106.623 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 309484
Ion Ratio Lower Upper
41 100
39 55.6 48.4 72.6
67 86.1 56.8 85.2
52 34.1 25.0 37.4

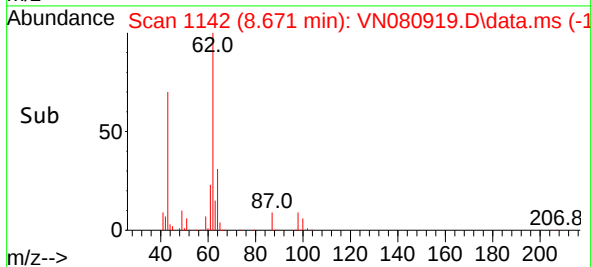
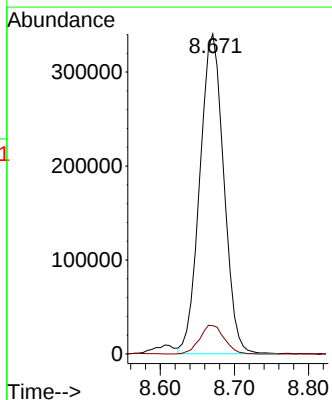
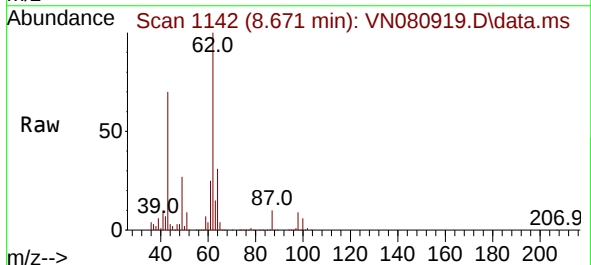
Manual Integrations
APPROVED

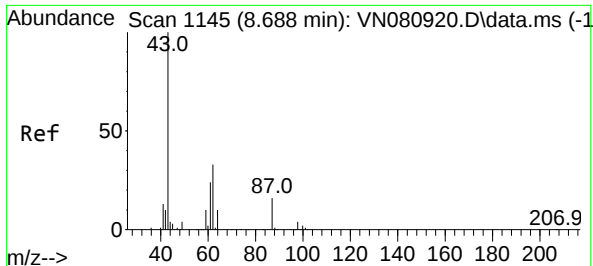
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#42
1,2-Dichloroethane
Concen: 111.934 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

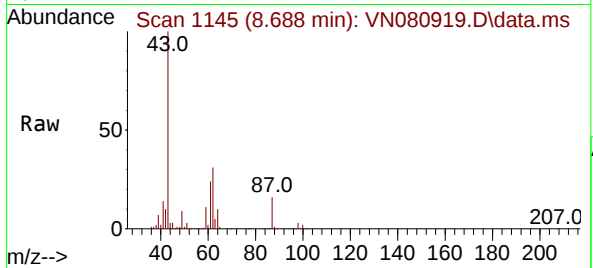
Tgt Ion: 62 Resp: 763625
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 113.600 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

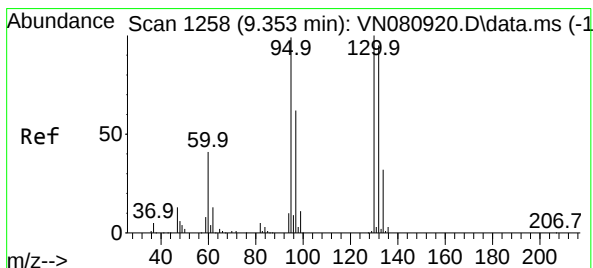
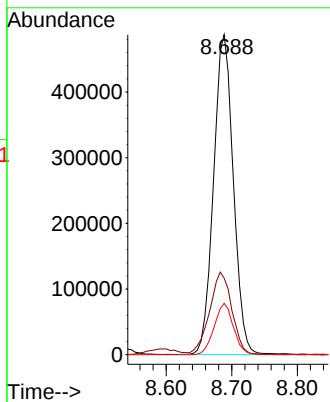
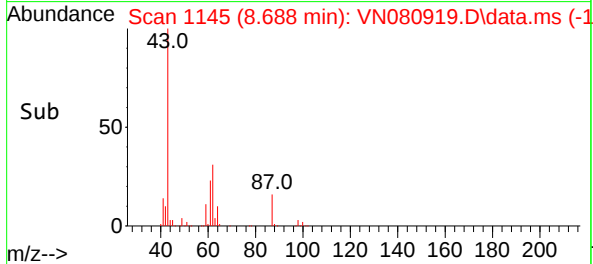
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 101743
Ion Ratio Lower Upper
43 100
61 29.2 19.9 29.9
87 15.6 9.0 13.6

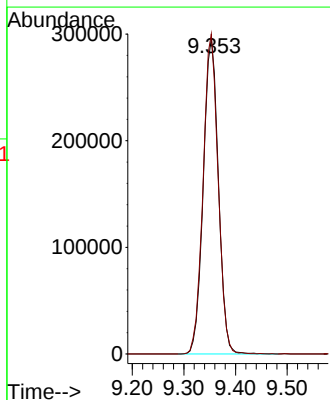
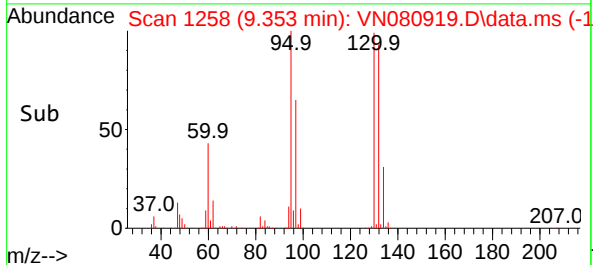
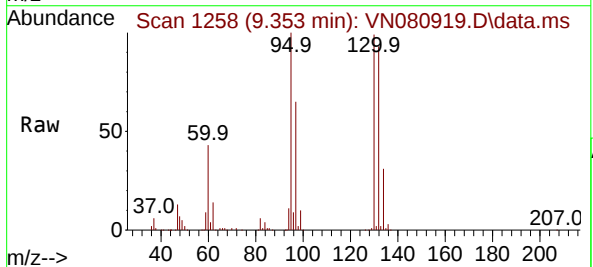
Manual Integrations
APPROVED

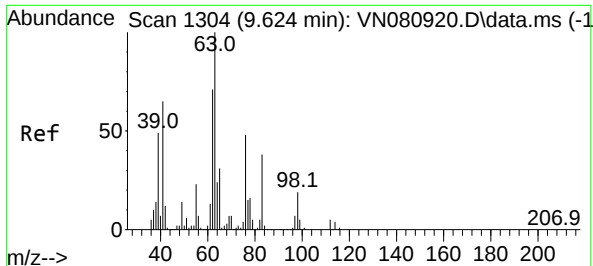
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#44
Trichloroethene
Concen: 100.841 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:130 Resp: 600148
Ion Ratio Lower Upper
130 100
95 101.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 102.601 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 542404

Ion Ratio Lower Upper

63 100

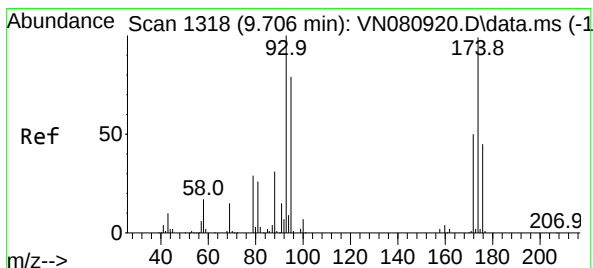
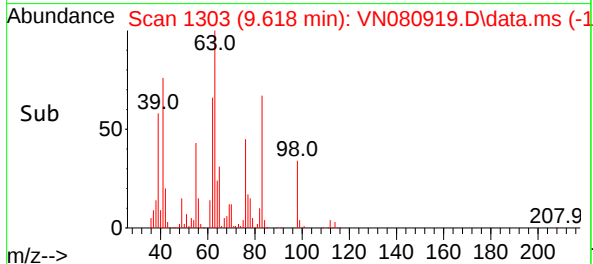
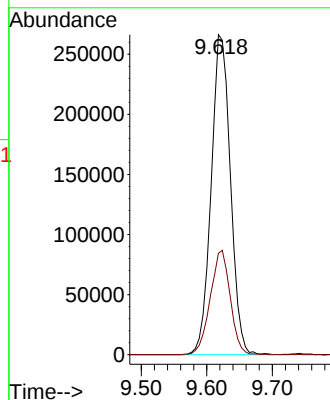
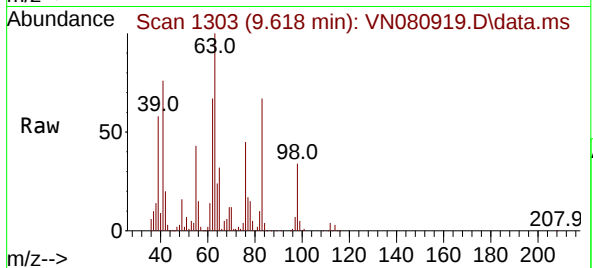
65 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#46

Dibromomethane

Concen: 102.304 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

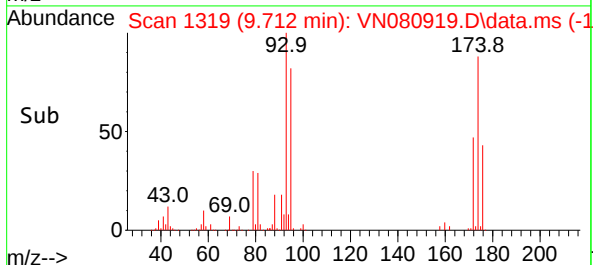
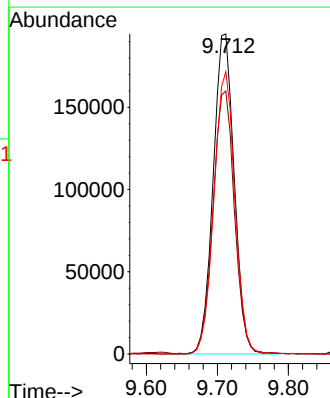
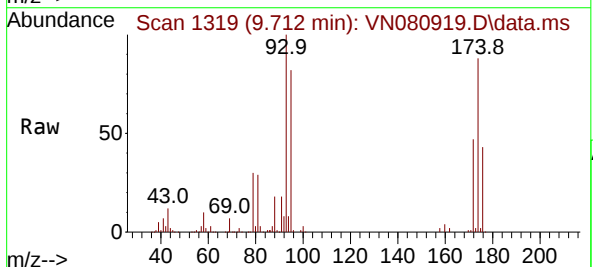
Tgt Ion: 93 Resp: 399924

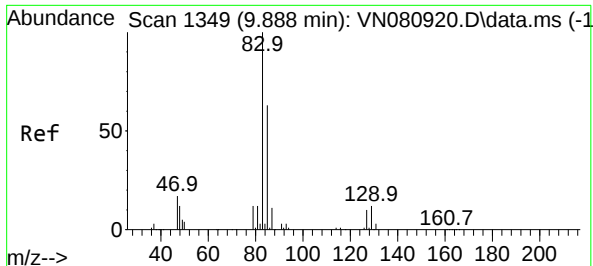
Ion Ratio Lower Upper

93 100

95 83.9 68.1 102.1

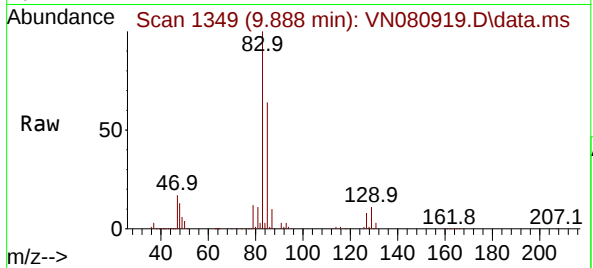
174 87.8 57.2 85.8





#47
Bromodichloromethane
Concen: 109.661 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

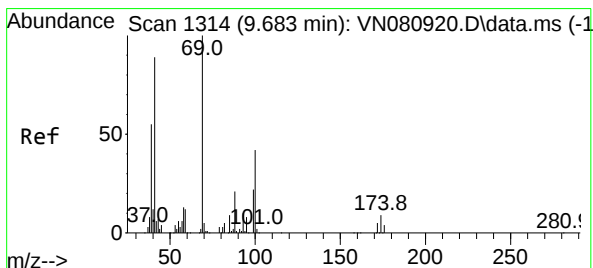
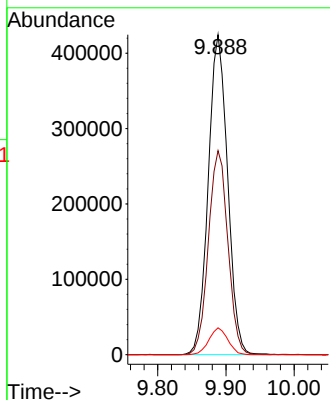
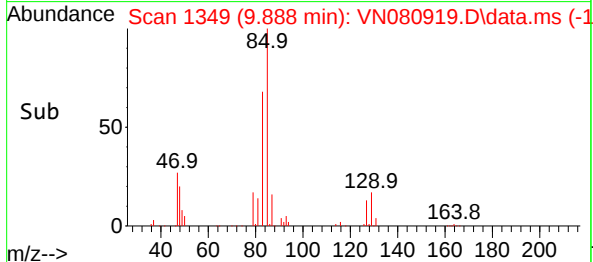
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



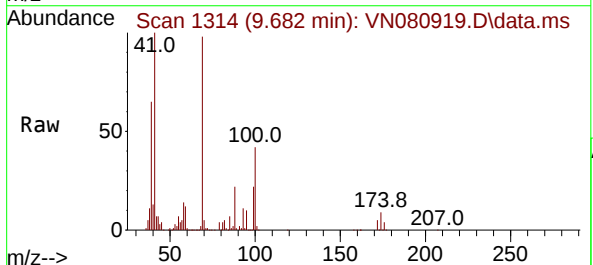
Tgt Ion: 83 Resp: 838502
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5
127 8.4 4.6 7.0

Manual Integrations
APPROVED

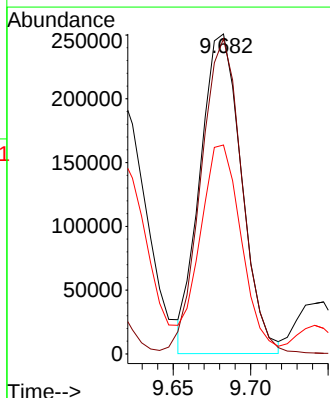
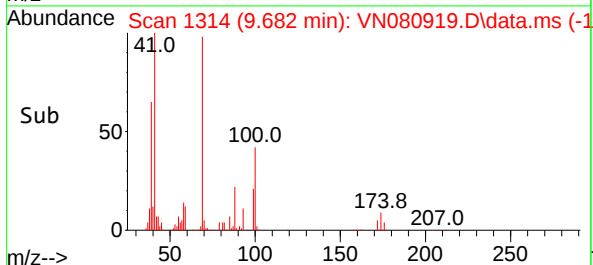
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

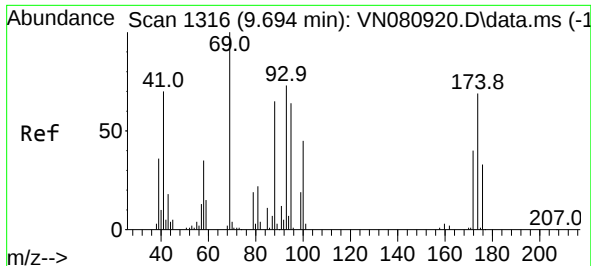


#48
Methyl methacrylate
Concen: 92.372 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



Tgt Ion: 41 Resp: 466122
Ion Ratio Lower Upper
41 100
69 98.3 62.2 93.2
39 65.0 47.6 71.4





#49

1,4-Dioxane

Concen: 1831.775 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 170670

Ion Ratio Lower Upper

88 100

43 25.7 30.1 45.1

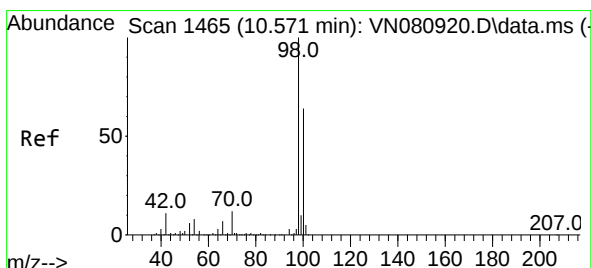
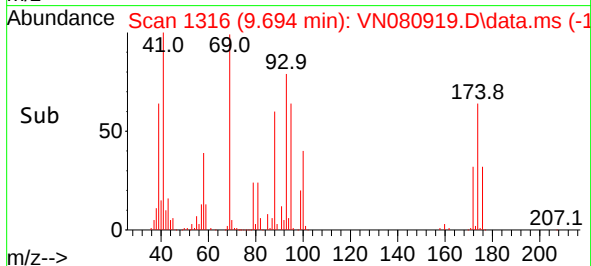
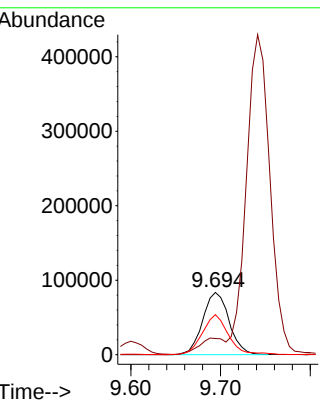
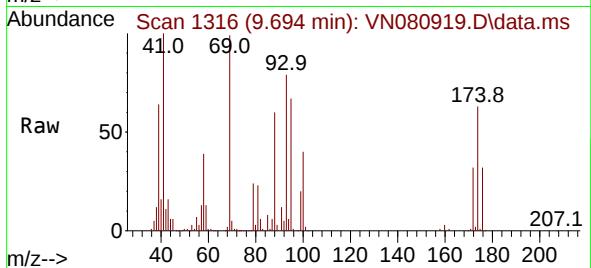
58 63.9 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#50

Toluene-d8

Concen: 112.954 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080919.D

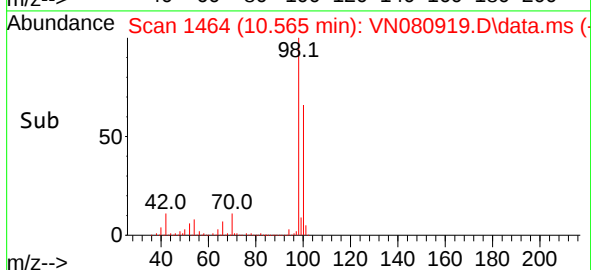
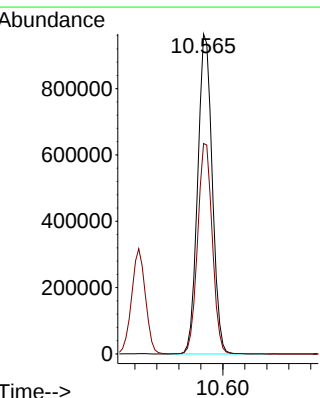
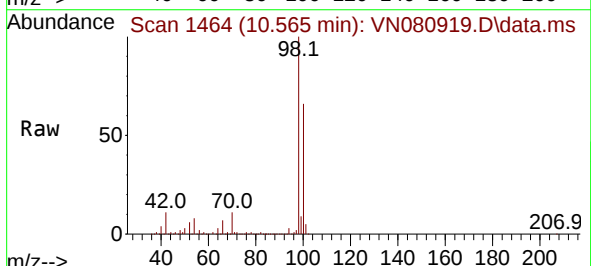
Acq: 06 Feb 2024 15:46

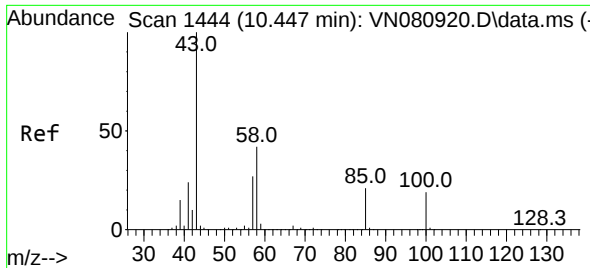
Tgt Ion: 98 Resp: 1767797

Ion Ratio Lower Upper

98 100

100 66.4 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 539.318 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

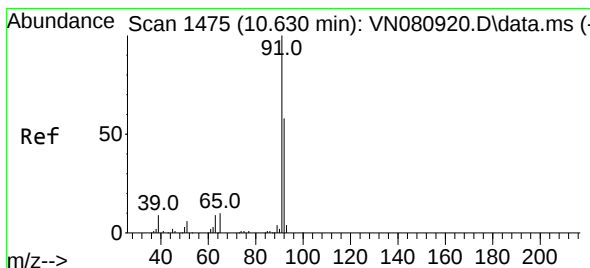
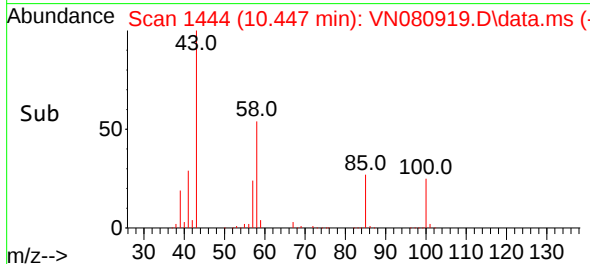
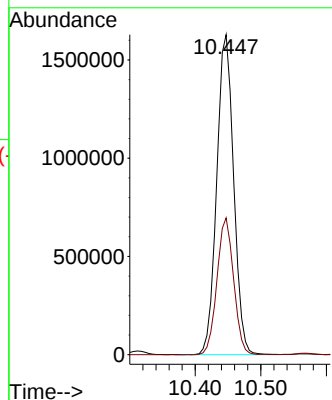
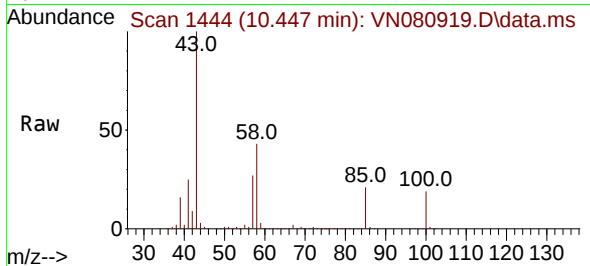
VSTDICC100

Tgt Ion: 43 Resp: 291095
Ion Ratio Lower Upper
43 100
58 42.0 29.4 44.0

Manual Integrations

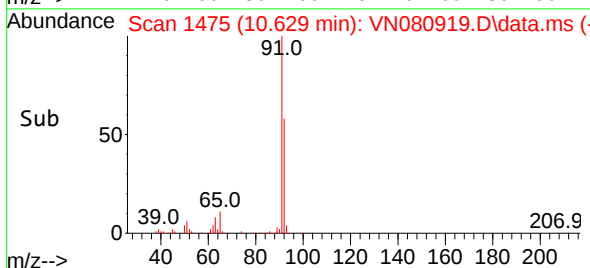
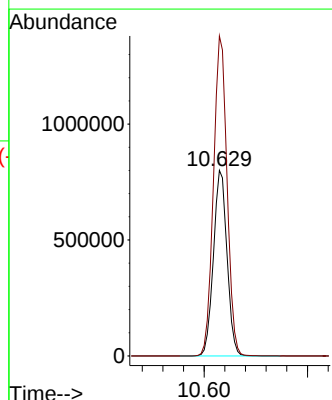
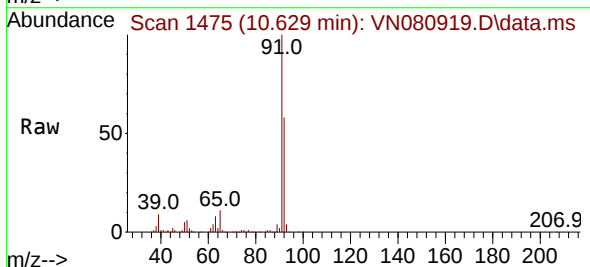
APPROVED

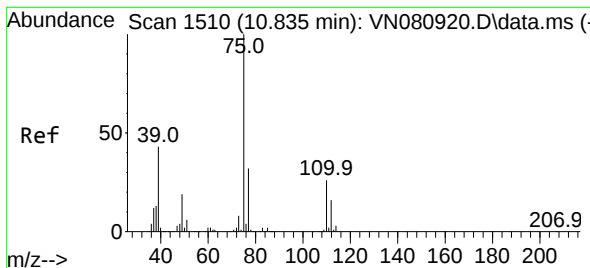
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#52
Toluene
Concen: 110.970 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 92 Resp: 1456379
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





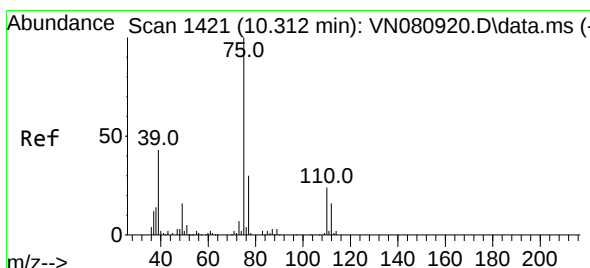
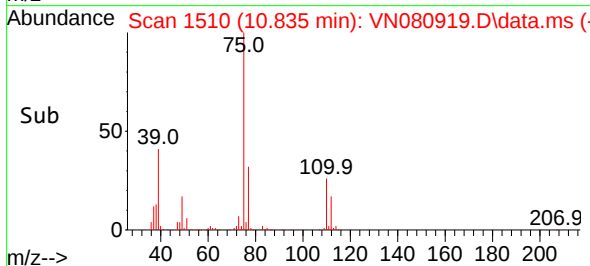
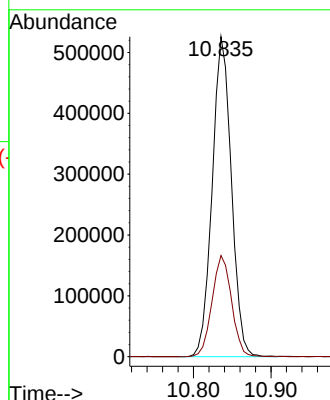
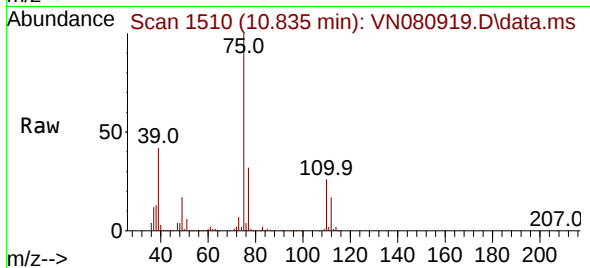
#53
t-1,3-Dichloropropene
Concen: 121.951 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 90228
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

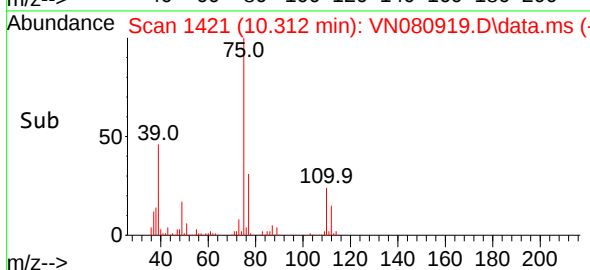
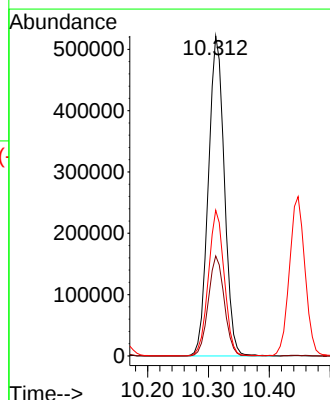
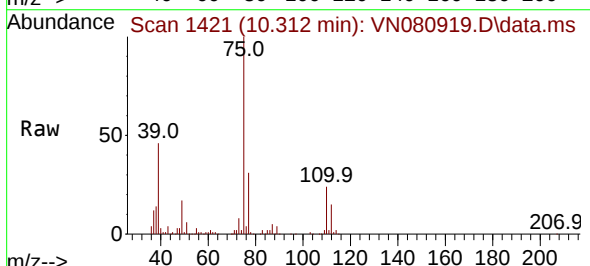
Manual Integrations
APPROVED

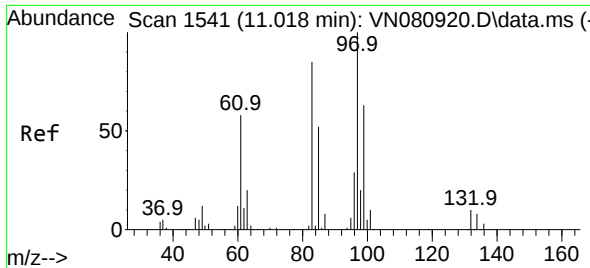
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#54
cis-1,3-Dichloropropene
Concen: 114.697 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

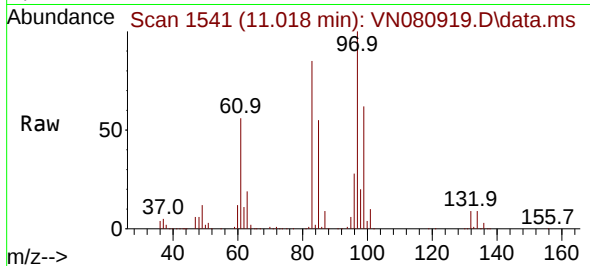
Tgt Ion: 75 Resp: 952574
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 45.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 111.928 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

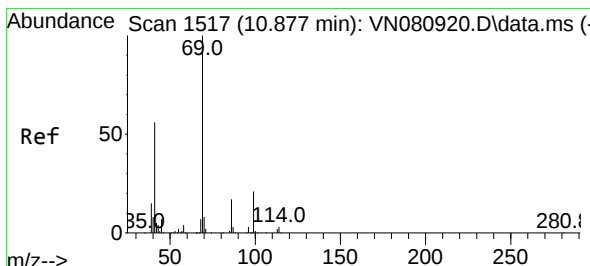
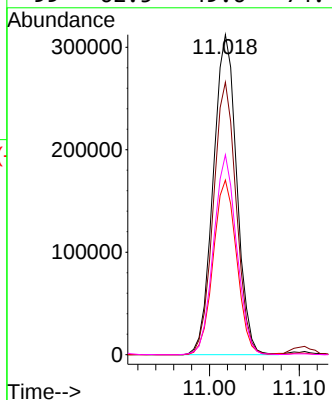
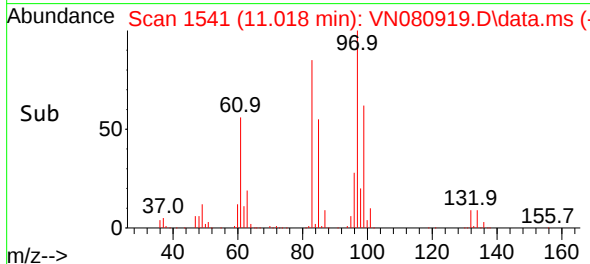
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



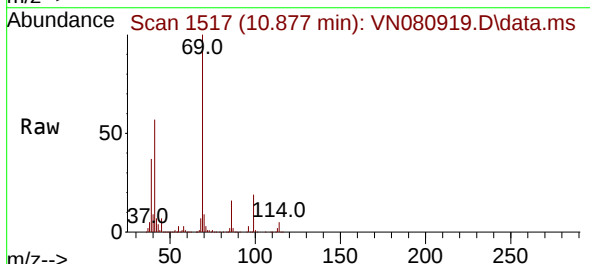
Tgt Ion: 97 Resp: 567750
Ion Ratio Lower Upper
97 100
83 85.1 72.9 109.3
85 54.6 50.2 75.2
99 62.5 49.6 74.4

Manual Integrations
APPROVED

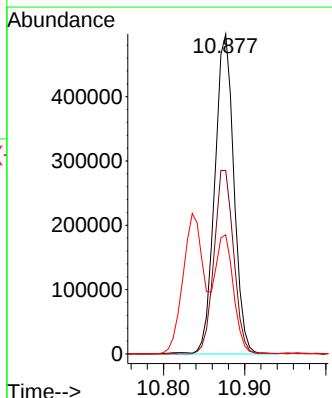
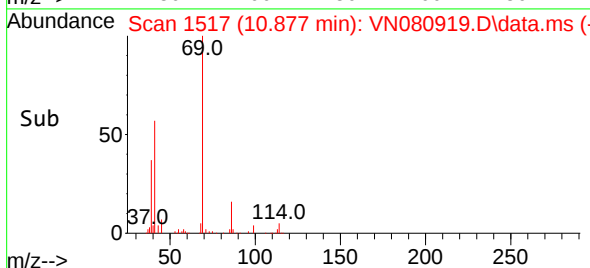
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

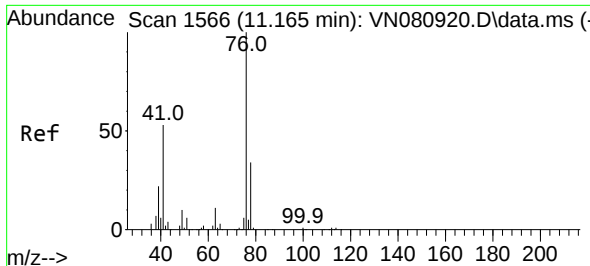


#56
Ethyl methacrylate
Concen: 134.066 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



Tgt Ion: 69 Resp: 813525
Ion Ratio Lower Upper
69 100
41 58.4 61.0 91.6#
39 33.7 31.8 47.6





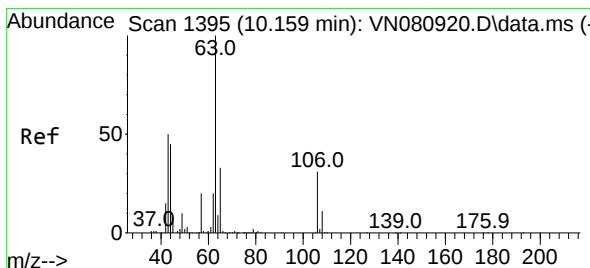
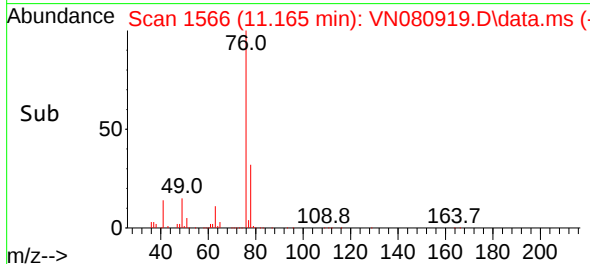
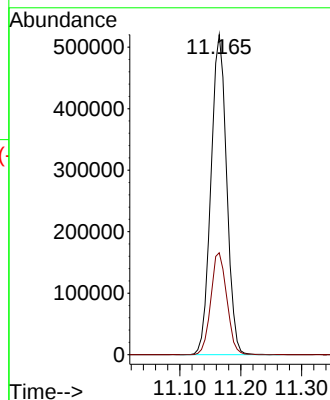
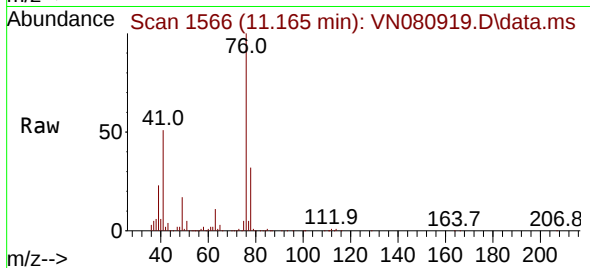
#57
1,3-Dichloropropane
Concen: 113.128 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 931011
Ion Ratio Lower Upper
76 100
78 32.4 25.5 38.3

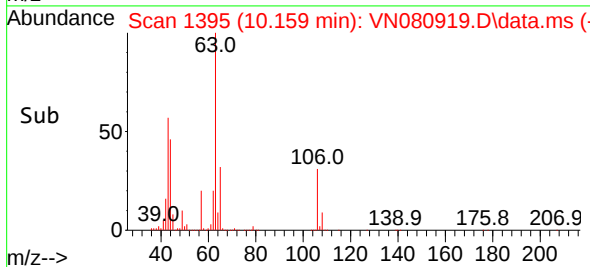
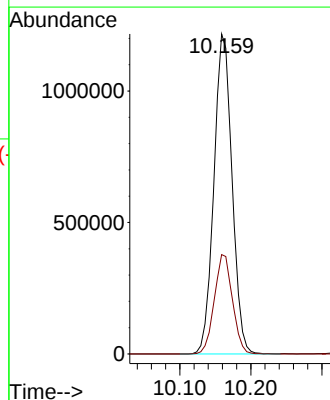
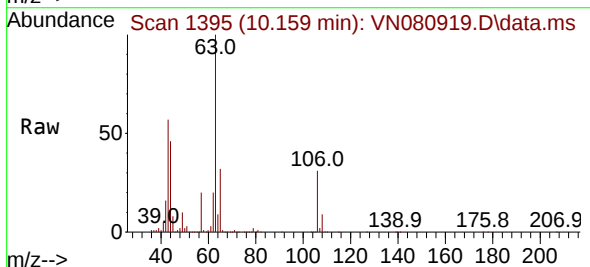
Manual Integrations
APPROVED

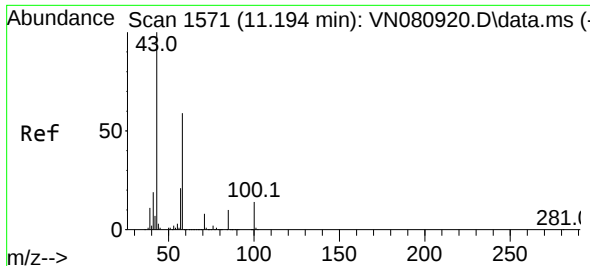
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 584.034 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

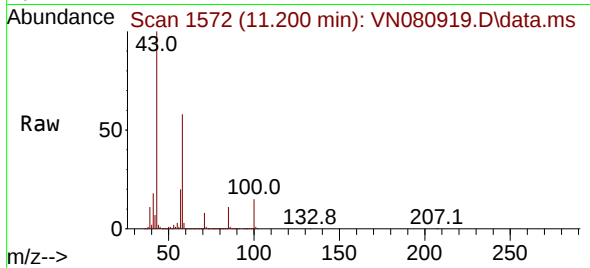
Tgt Ion: 63 Resp: 2151540
Ion Ratio Lower Upper
63 100
106 31.1 18.6 28.0#





#59
2-Hexanone
Concen: 532.997 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

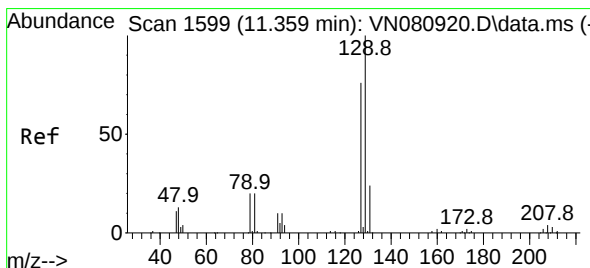
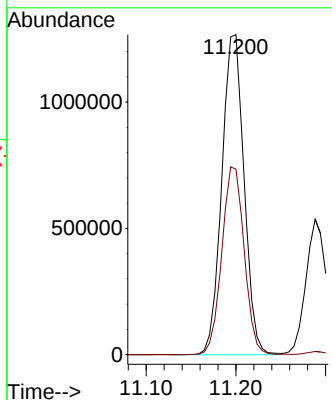
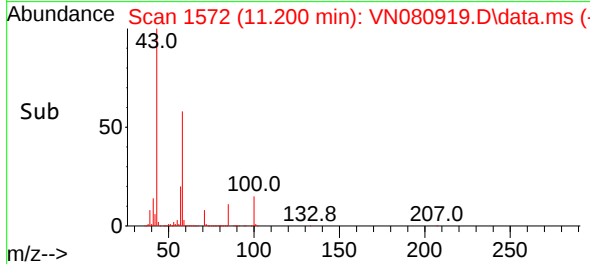
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 2180430
Ion Ratio Lower Upper
43 100
58 59.0 25.9 77.8

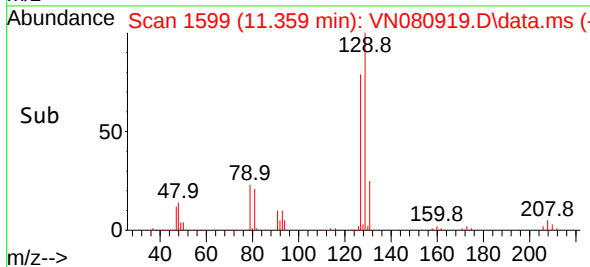
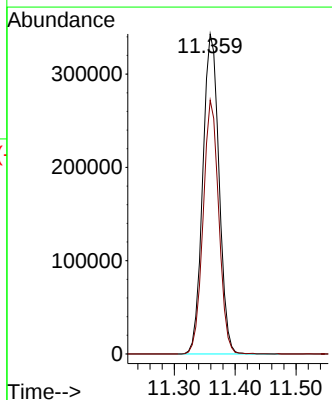
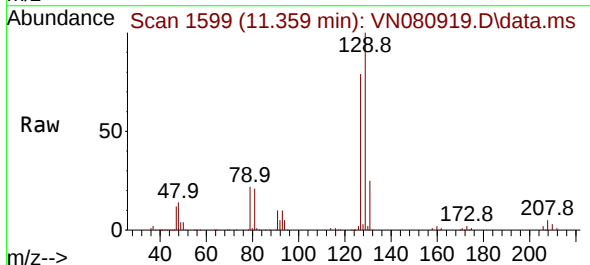
Manual Integrations
APPROVED

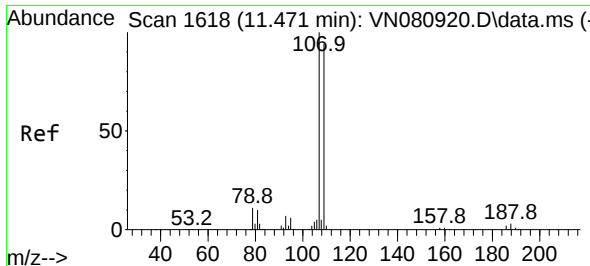
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#60
Dibromochloromethane
Concen: 122.848 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

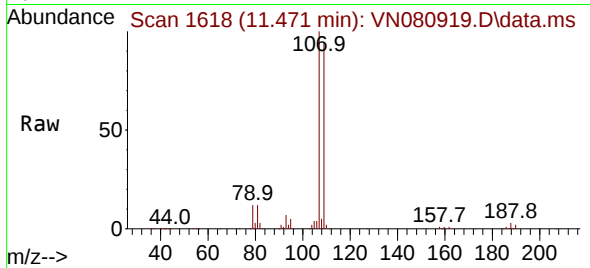
Tgt Ion:129 Resp: 636727
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 113.861 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

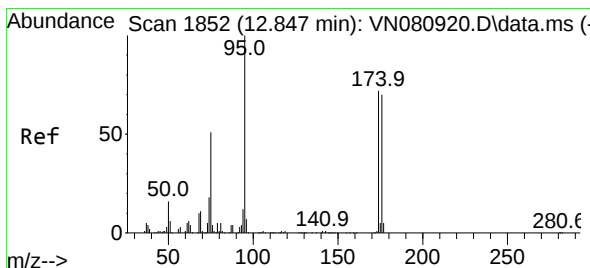
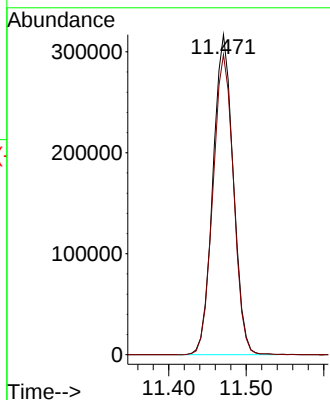
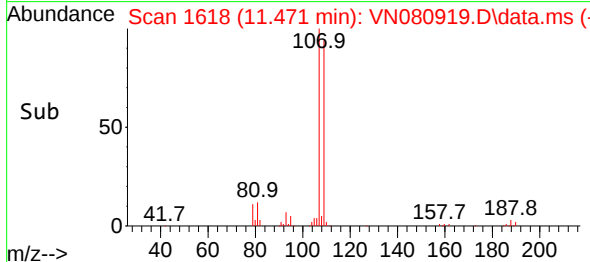
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



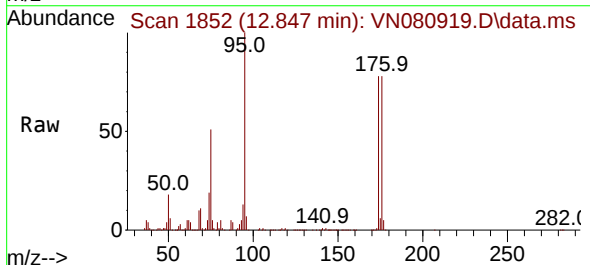
Tgt Ion:107 Resp: 57612
Ion Ratio Lower Upper
107 100
109 95.0 73.4 110.2

Manual Integrations
APPROVED

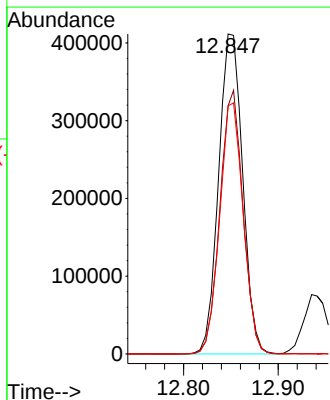
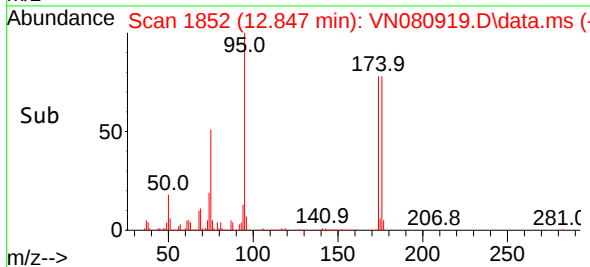
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

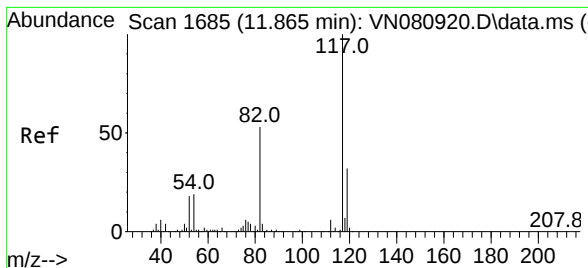


#62
4-Bromofluorobenzene
Concen: 127.732 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



Tgt Ion: 95 Resp: 726215
Ion Ratio Lower Upper
95 100
174 79.1 0.0 120.4
176 77.0 0.0 121.0





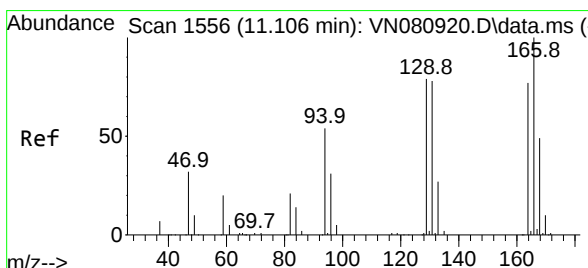
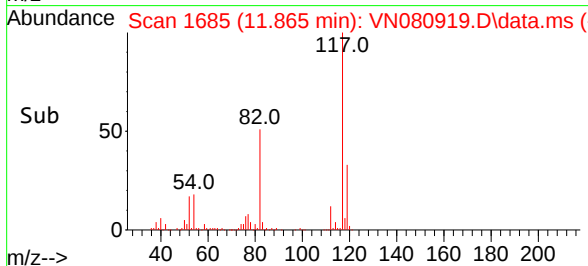
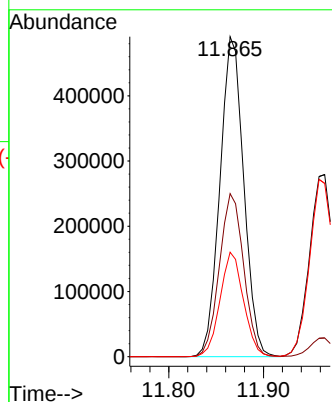
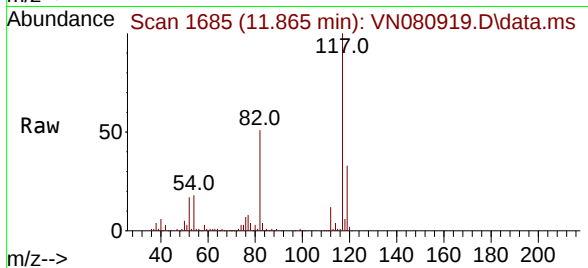
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 858200
Ion Ratio Lower Upper
117 100
82 51.0 52.7 79.1
119 32.7 25.3 37.9

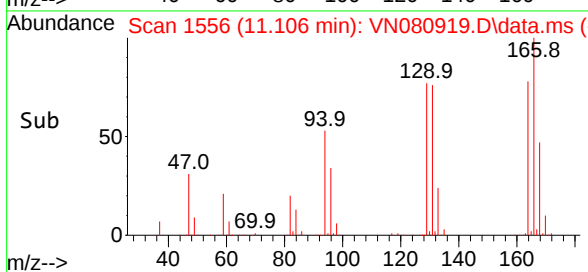
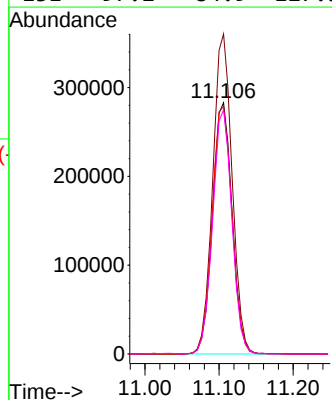
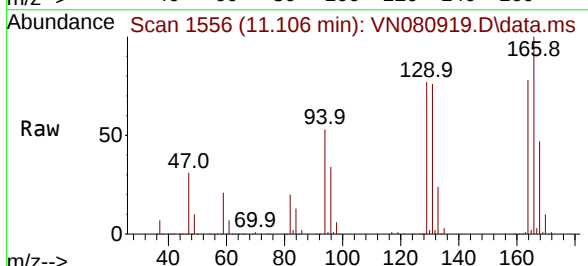
Manual Integrations
APPROVED

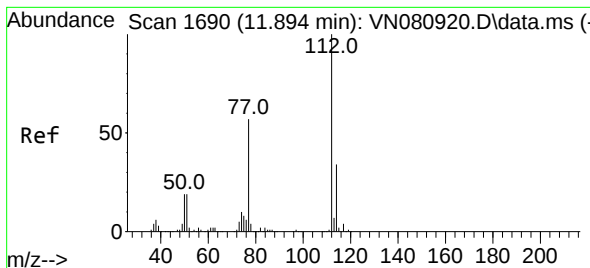
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#64
Tetrachloroethene
Concen: 80.307 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:164 Resp: 520216
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.6
129 98.6 89.6 134.4
131 97.2 84.9 127.3





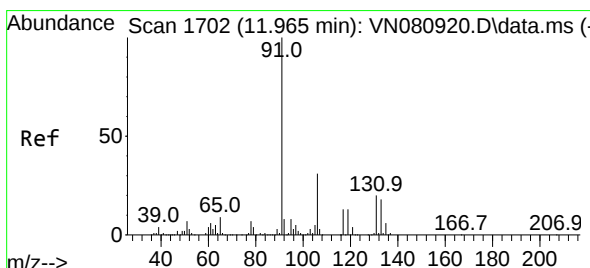
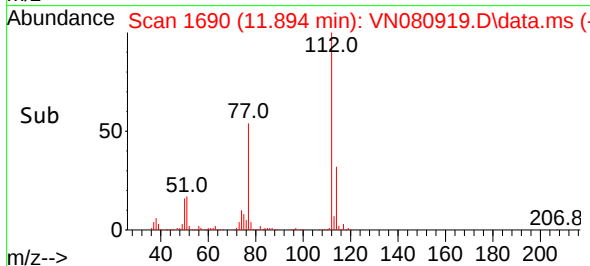
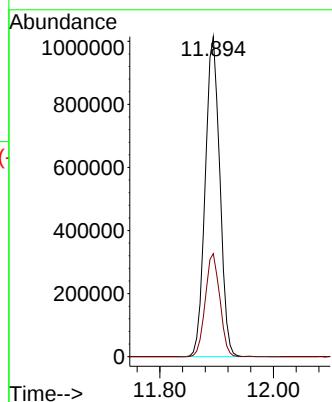
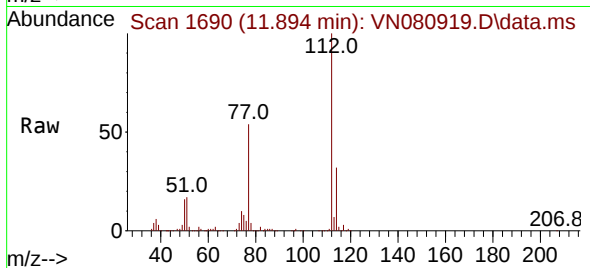
#65
Chlorobenzene
Concen: 100.097 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 1800354
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5

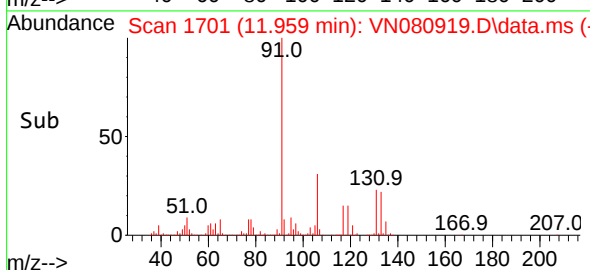
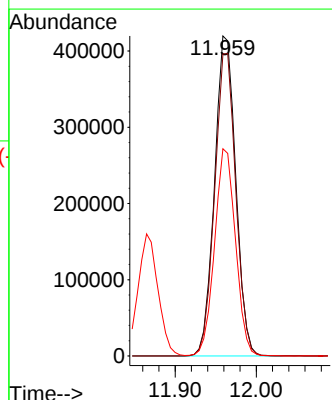
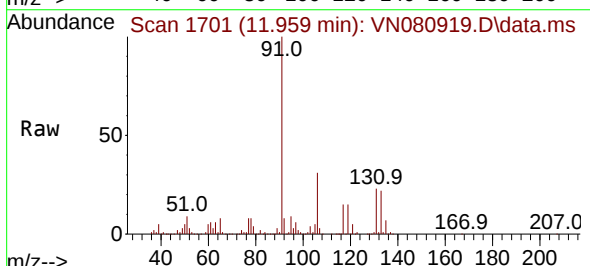
Manual Integrations
APPROVED

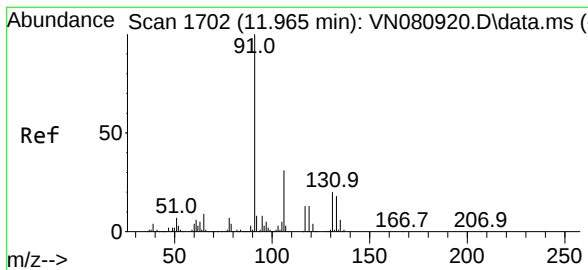
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 117.453 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

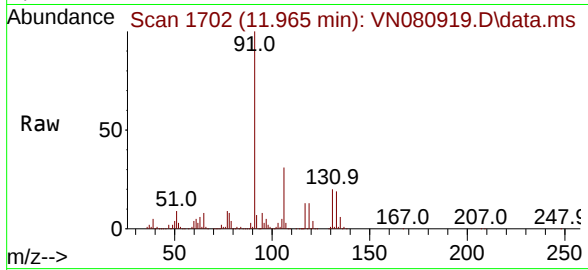
Tgt Ion:131 Resp: 762316
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 64.0 34.6 103.9





#67
Ethyl Benzene
Concen: 111.714 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

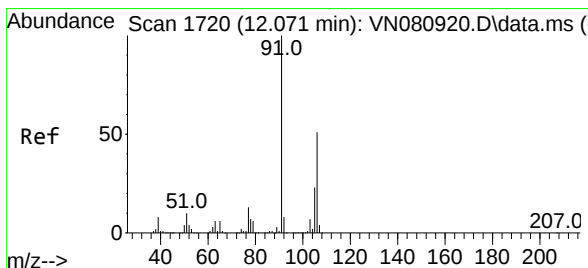
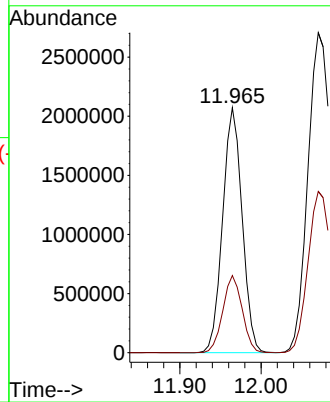
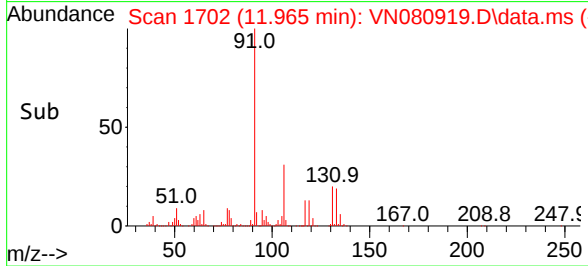
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



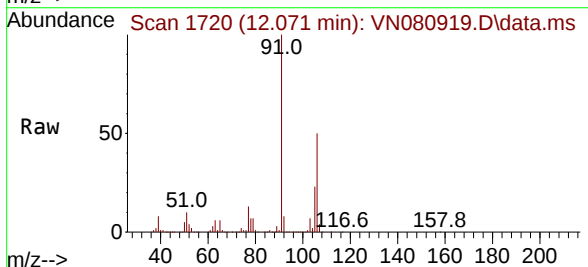
Tgt Ion: 91 Resp: 346120
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

Manual Integrations
APPROVED

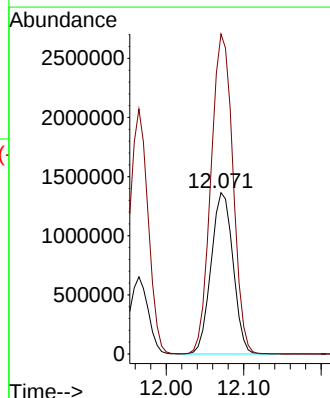
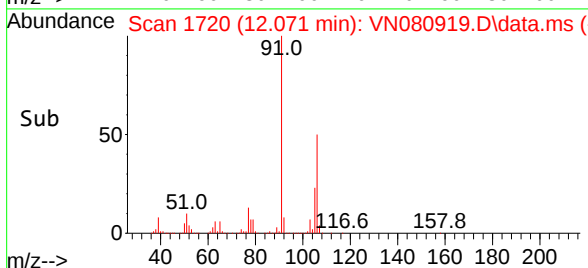
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

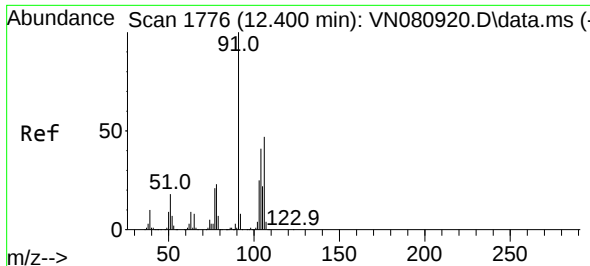


#68
m/p-Xylenes
Concen: 228.050 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



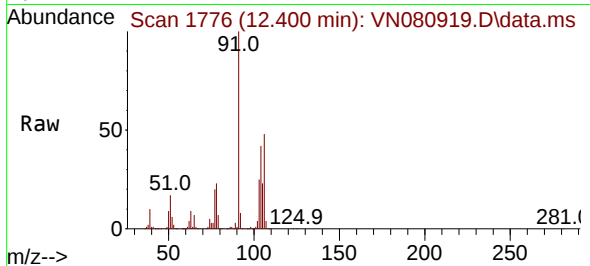
Tgt Ion:106 Resp: 2684380
Ion Ratio Lower Upper
106 100
91 198.9 169.0 253.6





#69
o-Xylene
Concen: 104.951 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

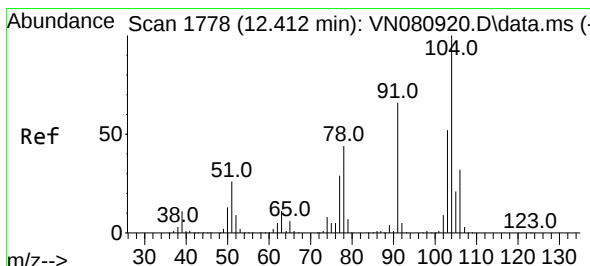
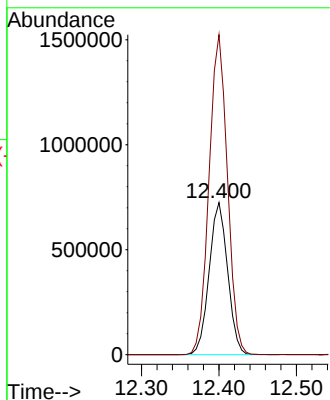
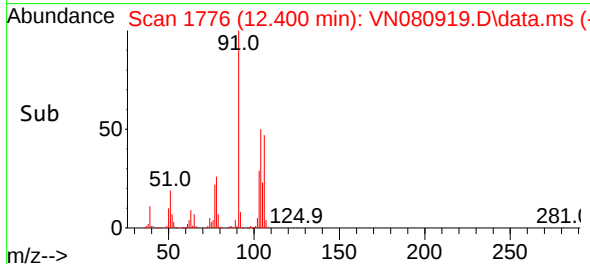
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 1198735
Ion Ratio Lower Upper
106 100
91 209.8 112.1 336.3

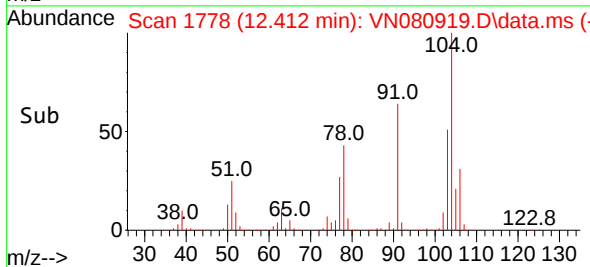
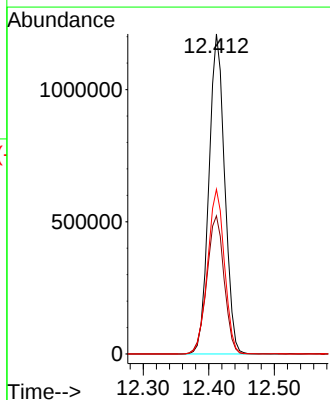
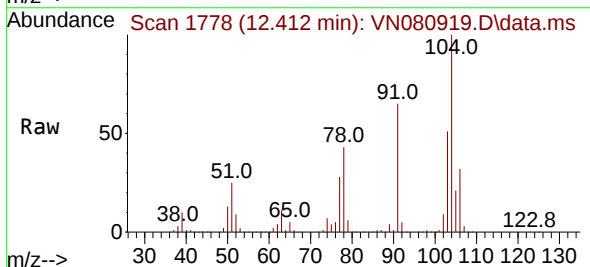
Manual Integrations
APPROVED

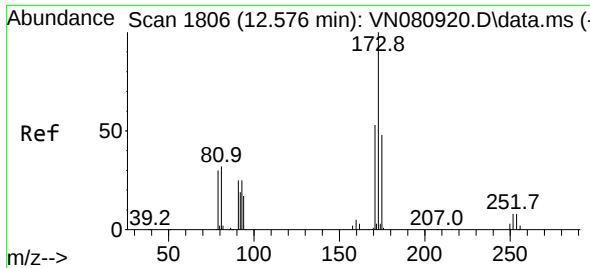
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#70
Styrene
Concen: 118.114 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

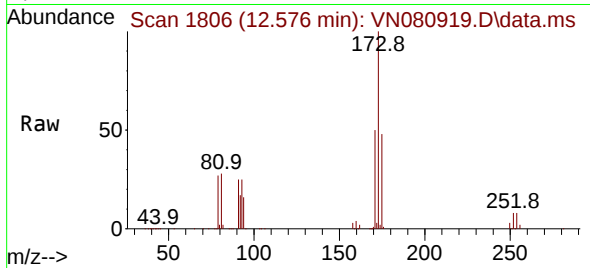
Tgt Ion:104 Resp: 2024735
Ion Ratio Lower Upper
104 100
78 47.2 43.8 65.8
103 54.9 44.2 66.2





#71
Bromoform
Concen: 115.188 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

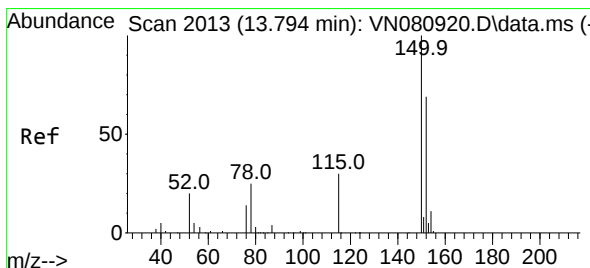
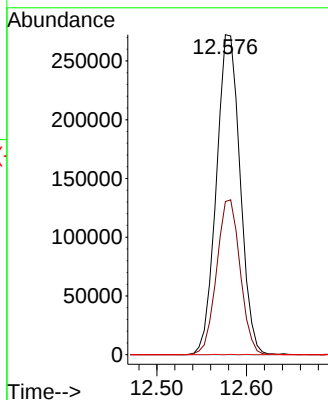
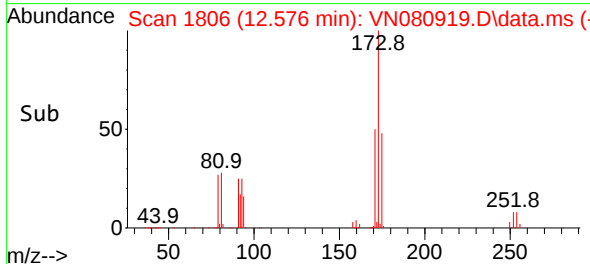
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



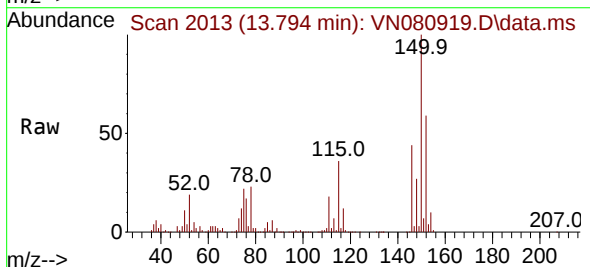
Tgt Ion:173 Resp: 500729
Ion Ratio Lower Upper
173 100
175 48.0 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

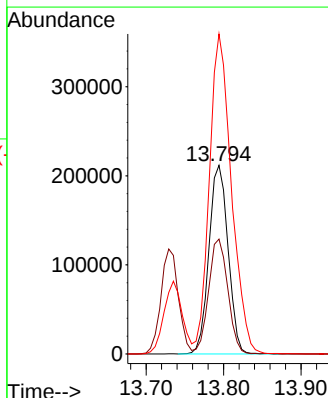
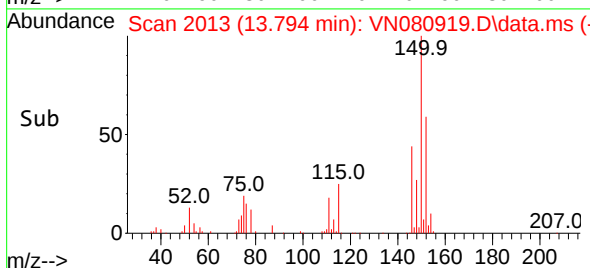
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

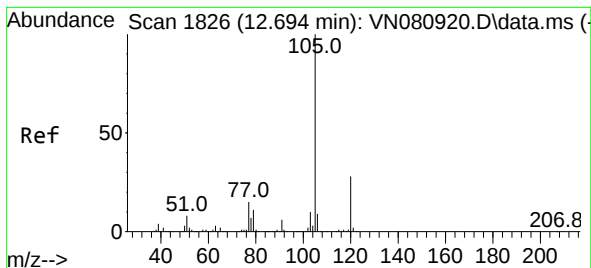


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



Tgt Ion:152 Resp: 363334
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 195.8 0.0 339.8





#73

Isopropylbenzene

Concen: 103.909 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 2936178

Ion Ratio Lower Upper

105 100

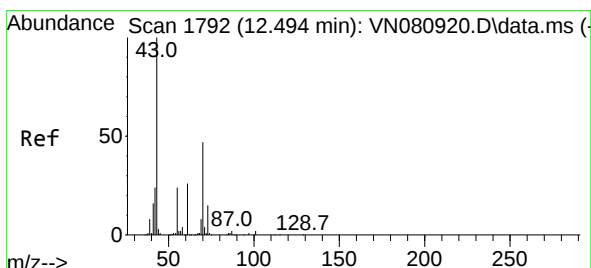
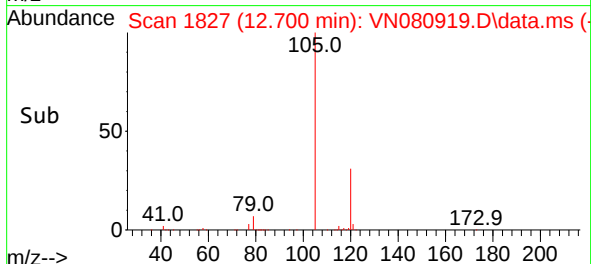
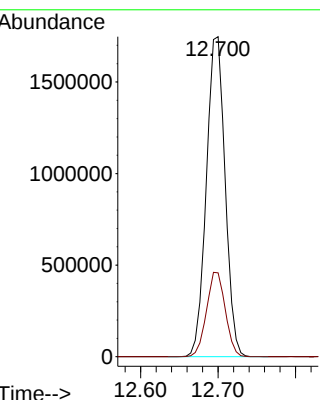
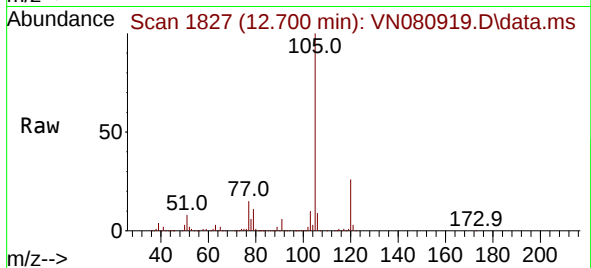
120 26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#74

N-aryl acetate

Concen: 96.233 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Tgt Ion: 43 Resp: 980186

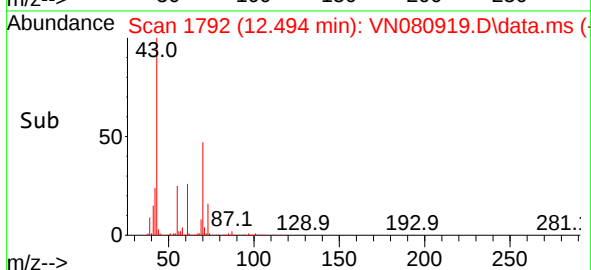
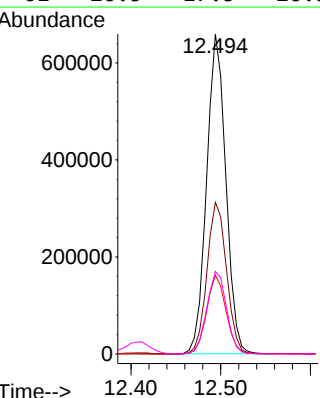
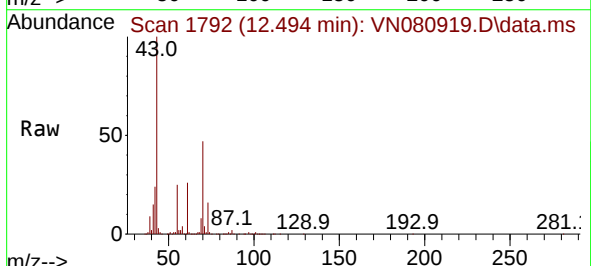
Ion Ratio Lower Upper

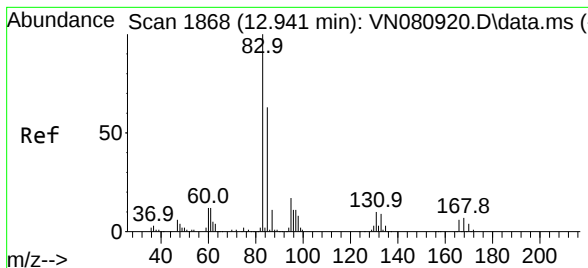
43 100

70 48.4 30.1 45.1#

55 25.0 17.0 25.4

61 26.5 17.5 26.3#





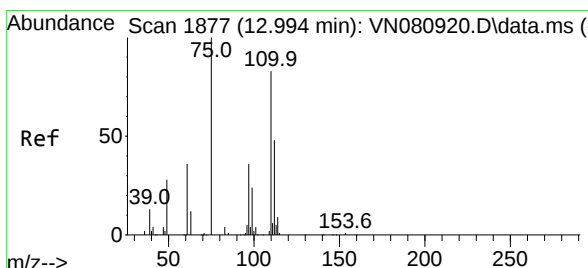
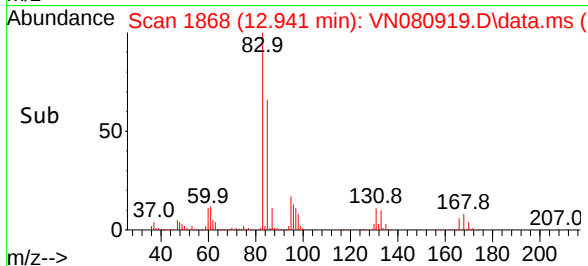
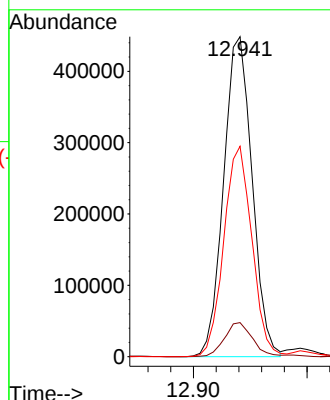
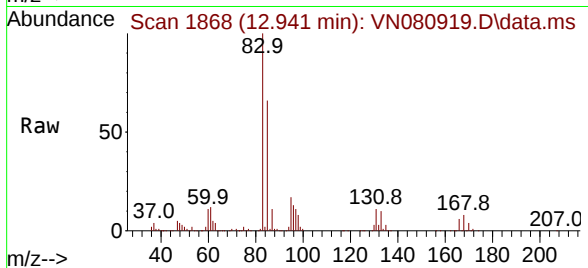
#75
1,1,2,2-Tetrachloroethane
Concen: 88.966 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 782028
Ion Ratio Lower Upper
83 100
131 10.8 4.1 12.3
85 64.9 32.1 96.3

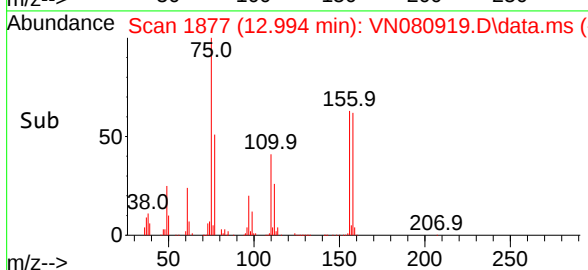
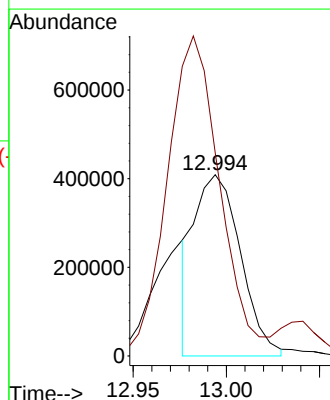
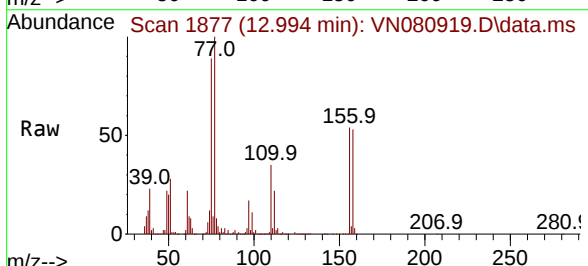
Manual Integrations
APPROVED

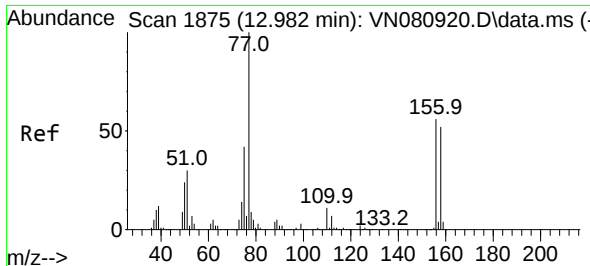
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#76
1,2,3-Trichloropropane
Concen: 90.940 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 75 Resp: 702853
Ion Ratio Lower Upper
75 100
77 202.5 91.0 272.8





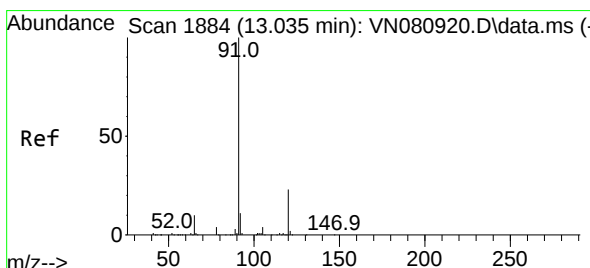
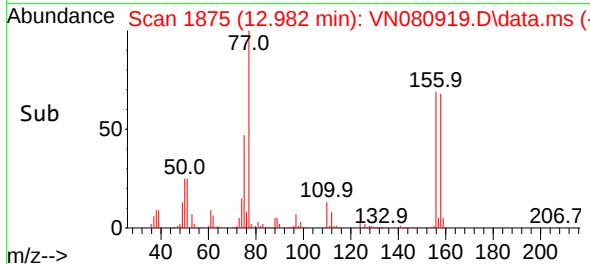
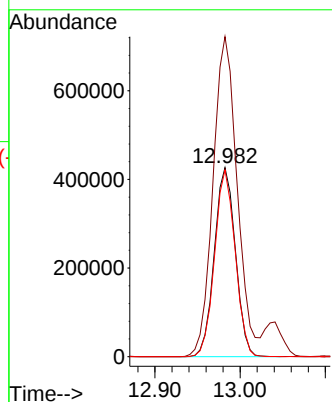
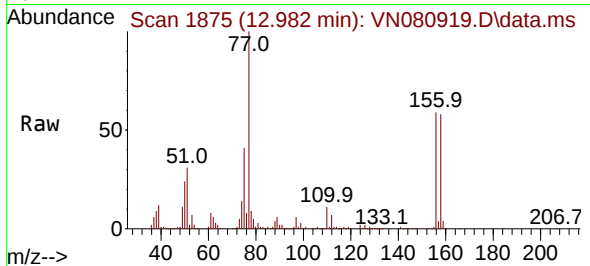
#77
Bromobenzene
Concen: 102.547 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 731145
Ion Ratio Lower Upper
156 100
77 194.7 138.1 414.3
158 96.5 46.5 139.5

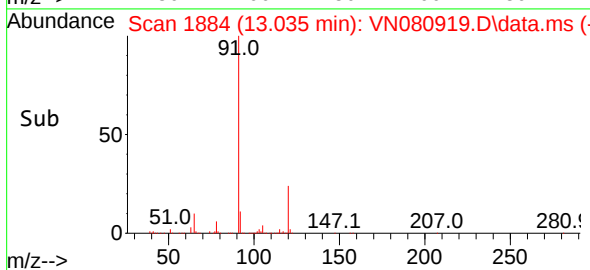
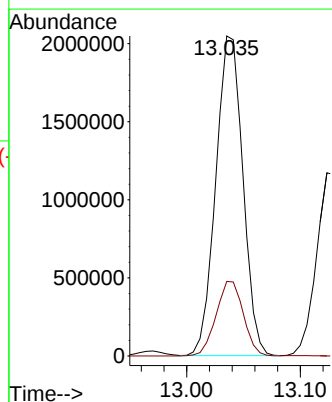
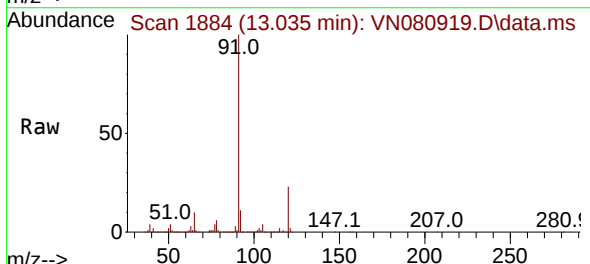
Manual Integrations
APPROVED

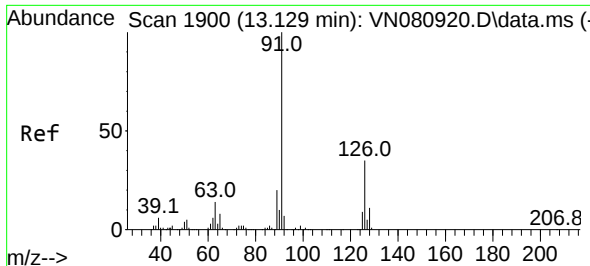
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#78
n-propylbenzene
Concen: 106.482 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 91 Resp: 3397065
Ion Ratio Lower Upper
91 100
120 23.4 10.3 30.9





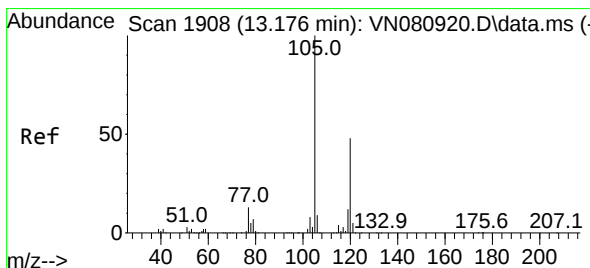
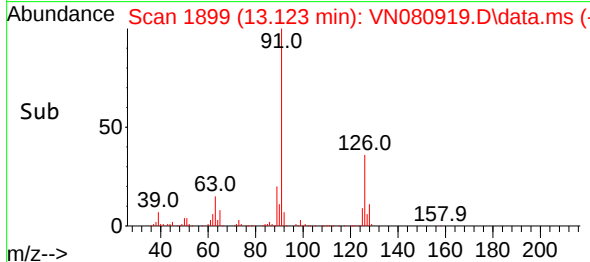
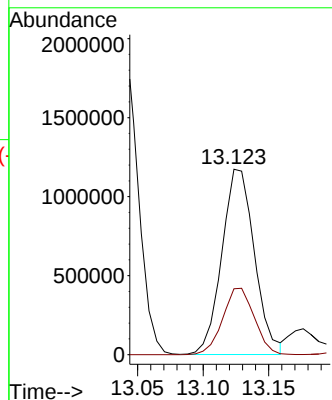
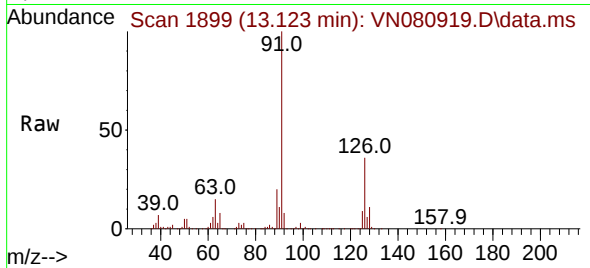
#79
2-Chlorotoluene
Concen: 100.753 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 2031300
Ion Ratio Lower Upper
91 100
126 34.8 14.8 44.4

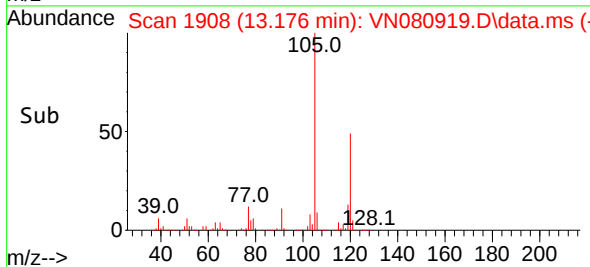
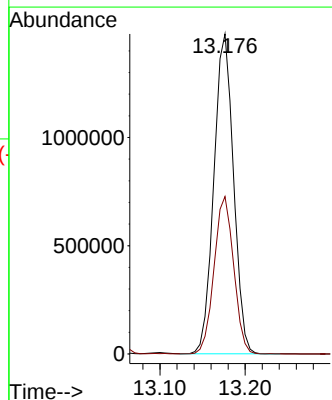
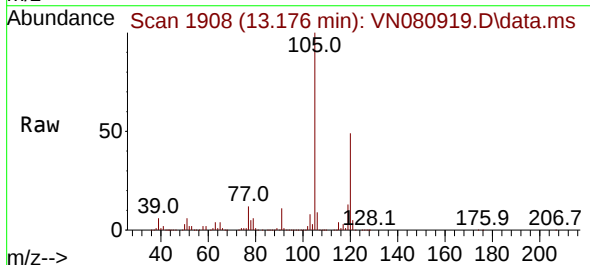
Manual Integrations
APPROVED

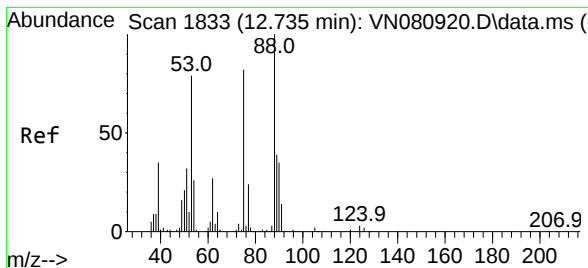
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 103.246 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:105 Resp: 2371326
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0





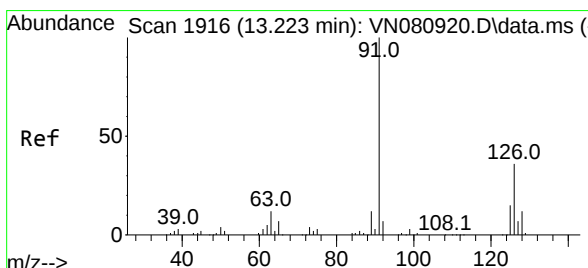
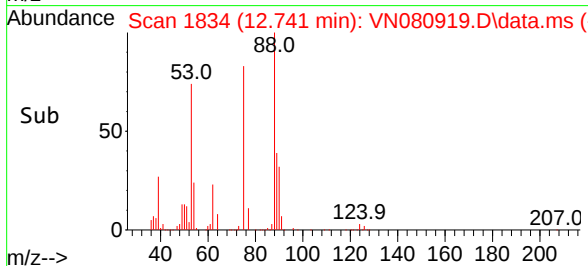
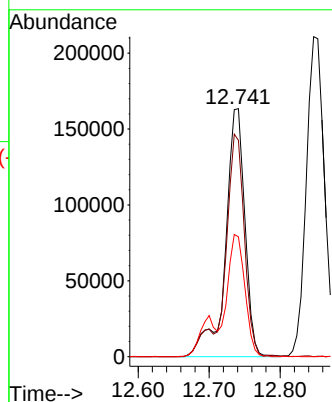
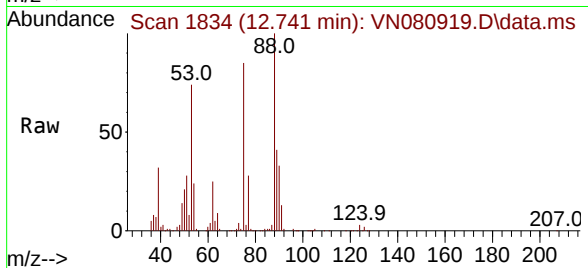
#81
trans-1,4-Dichloro-2-butene
Concen: 114.457 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 312092
Ion Ratio Lower Upper
75 100
53 88.9 71.4 107.2
89 44.3 33.4 50.0

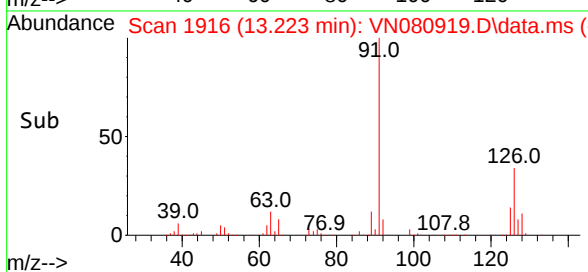
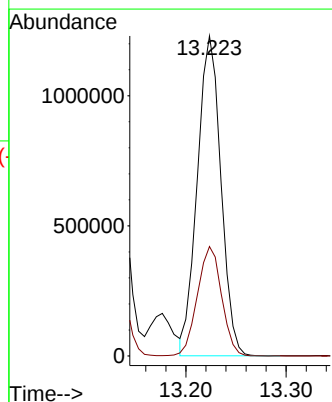
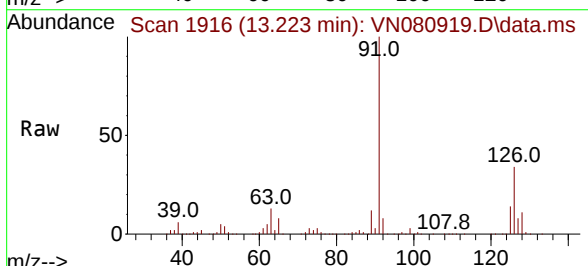
Manual Integrations
APPROVED

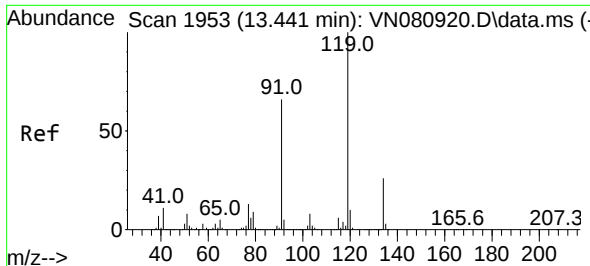
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 100.057 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

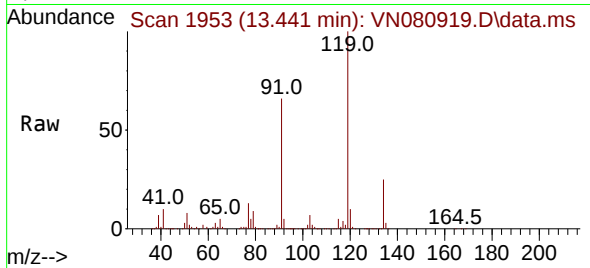
Tgt Ion: 91 Resp: 2012672
Ion Ratio Lower Upper
91 100
126 35.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 109.040 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

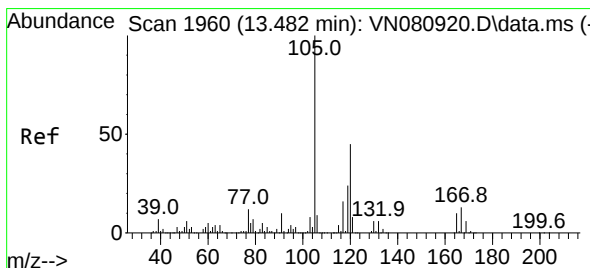
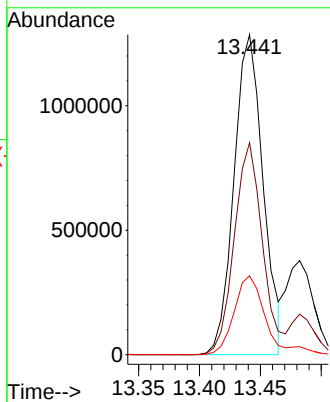
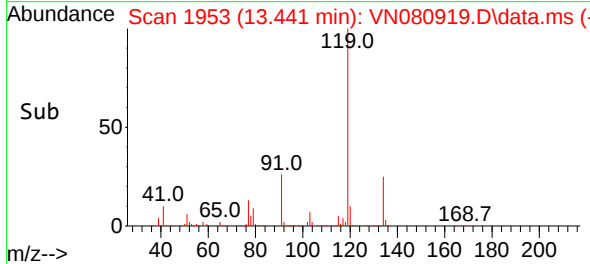
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



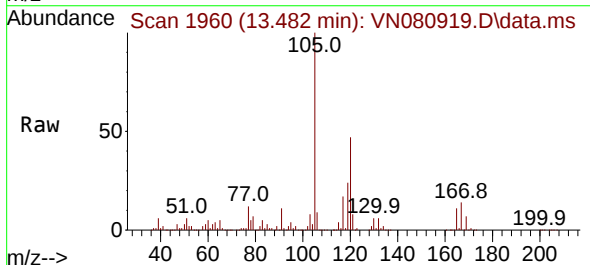
Tgt Ion:119 Resp: 2134762
Ion Ratio Lower Upper
119 100
91 64.6 36.8 110.4
134 26.8 12.4 37.4

Manual Integrations
APPROVED

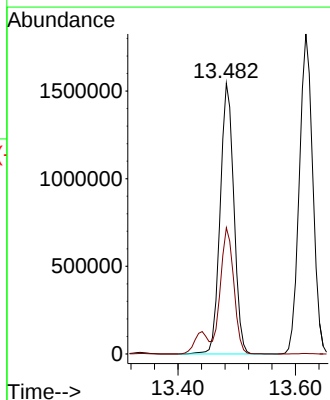
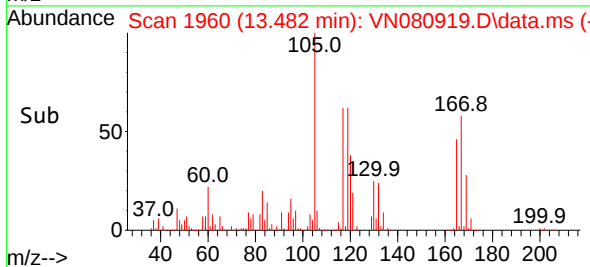
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

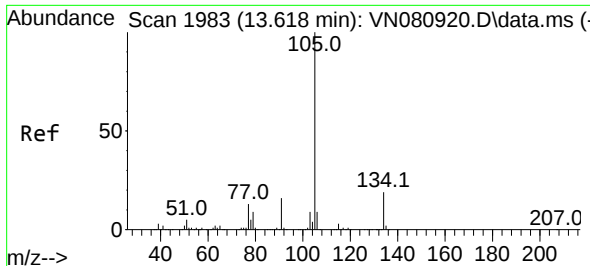


#84
1,2,4-Trimethylbenzene
Concen: 108.947 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



Tgt Ion:105 Resp: 2492228
Ion Ratio Lower Upper
105 100
120 45.9 20.9 62.7





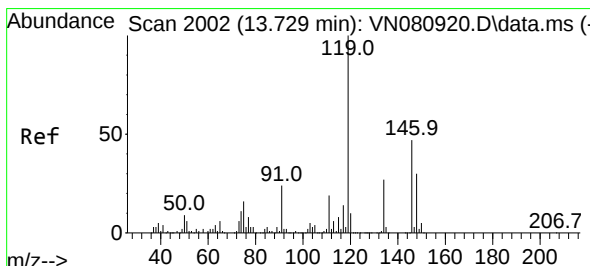
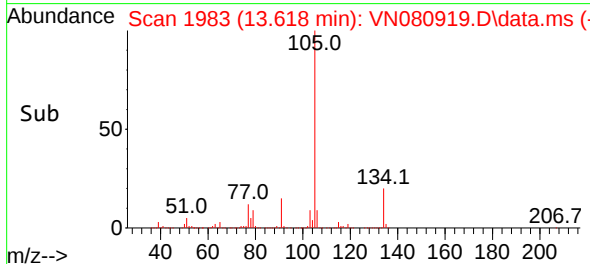
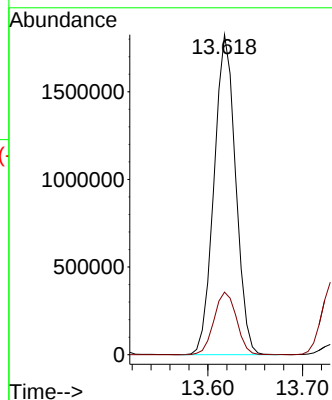
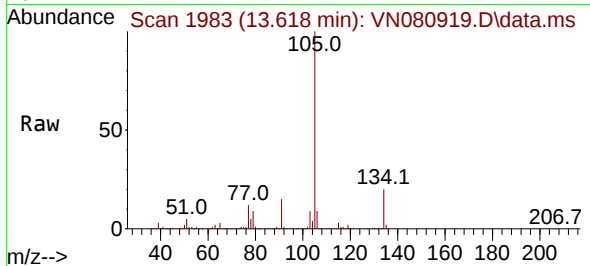
#85
 sec-Butylbenzene
 Concen: 109.917 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 289168
 Ion Ratio Lower Upper
 105 100
 134 20.4 8.6 25.8

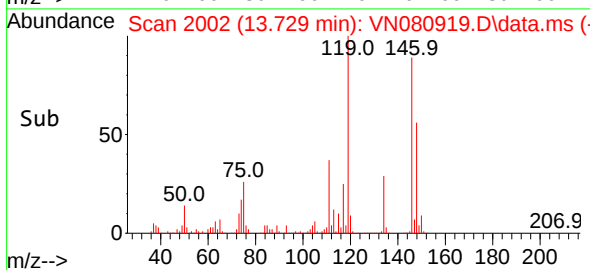
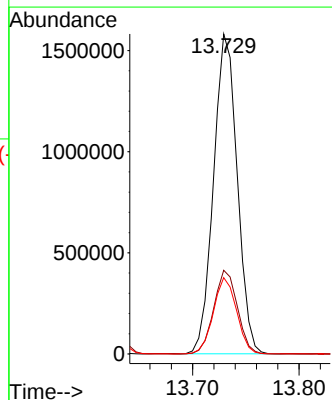
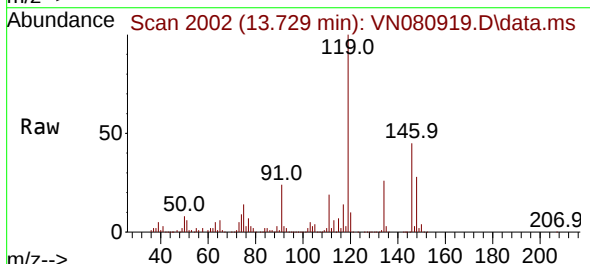
Manual Integrations
 APPROVED

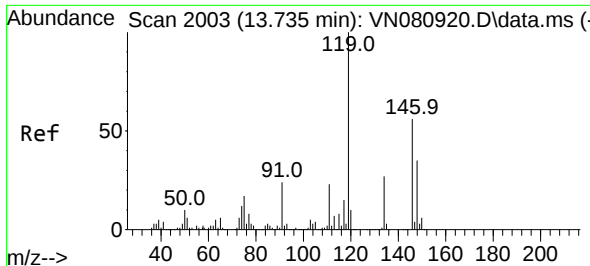
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#86
 p-Isopropyltoluene
 Concen: 109.636 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080919.D
 Acq: 06 Feb 2024 15:46

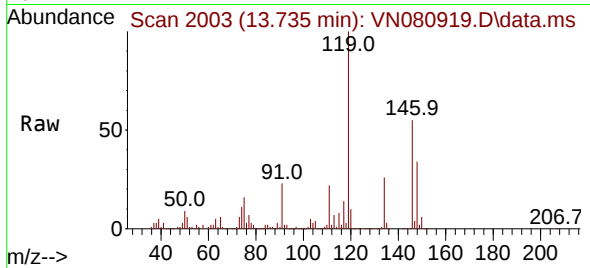
Tgt Ion:119 Resp: 2437481
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 23.4 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 104.214 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

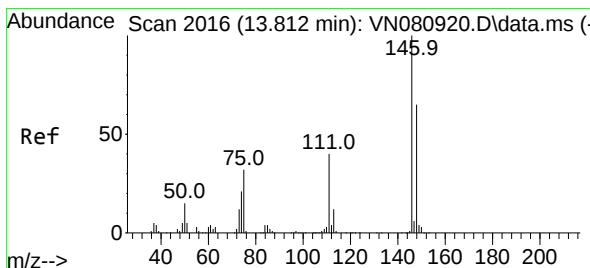
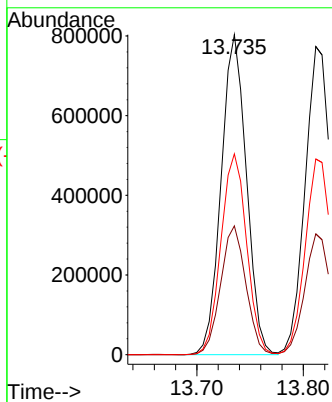
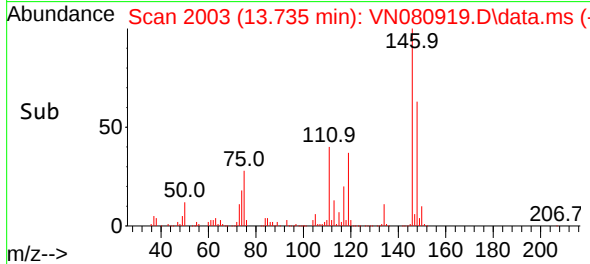
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



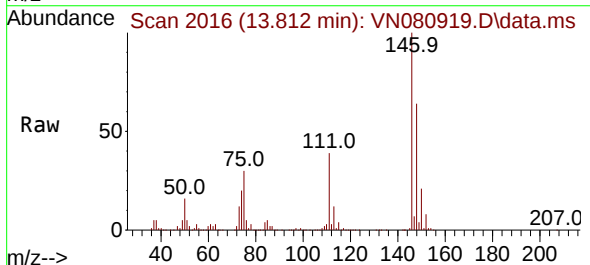
Tgt Ion:146 Resp: 1323259
Ion Ratio Lower Upper
146 100
111 40.3 23.9 71.7
148 63.9 32.6 97.7

Manual Integrations
APPROVED

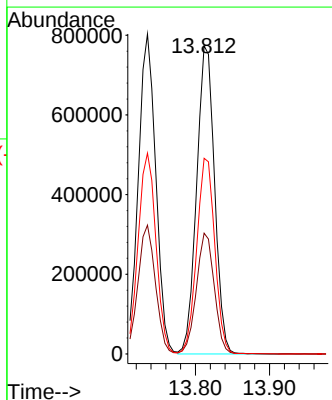
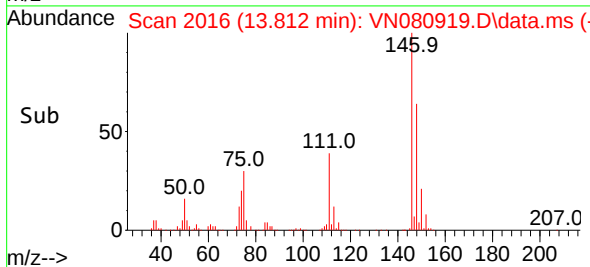
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

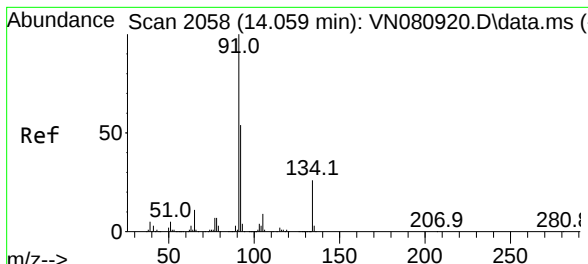


#88
1,4-Dichlorobenzene
Concen: 101.191 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46



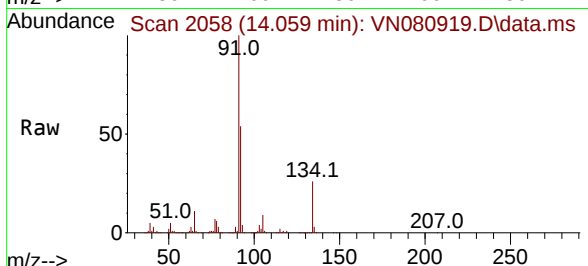
Tgt Ion:146 Resp: 1303897
Ion Ratio Lower Upper
146 100
111 39.3 22.6 67.7
148 64.0 31.9 95.5





#89
n-Butylbenzene
Concen: 106.628 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

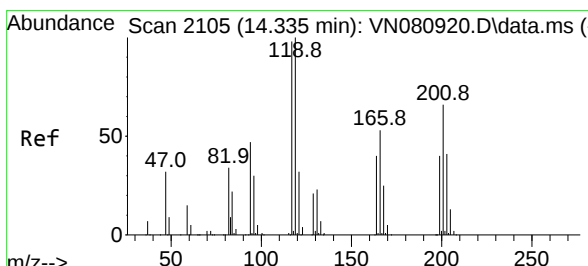
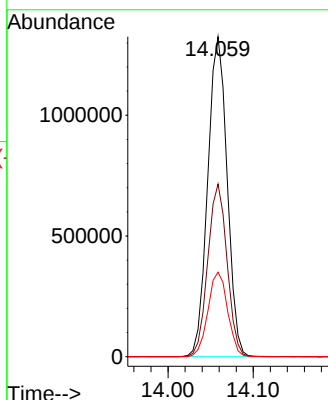
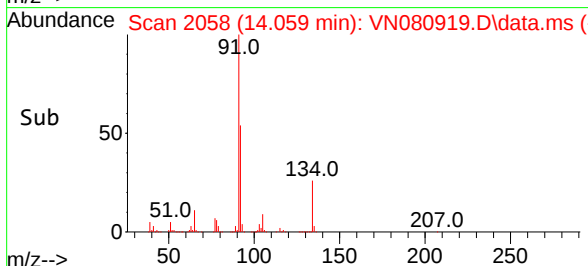
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 209407
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.1
134 26.8 10.8 32.4

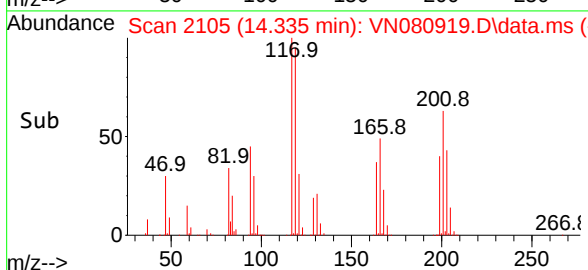
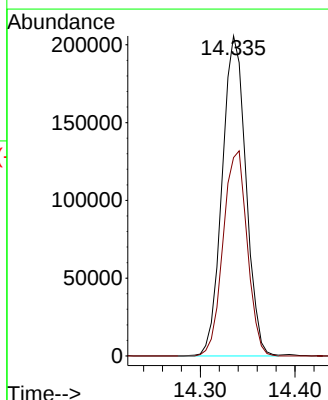
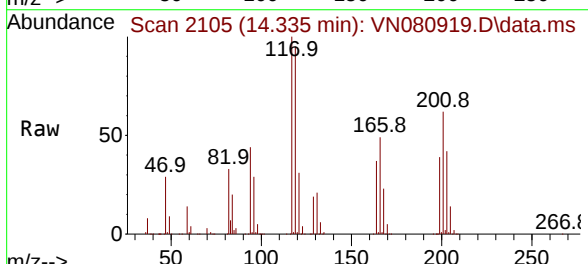
Manual Integrations
APPROVED

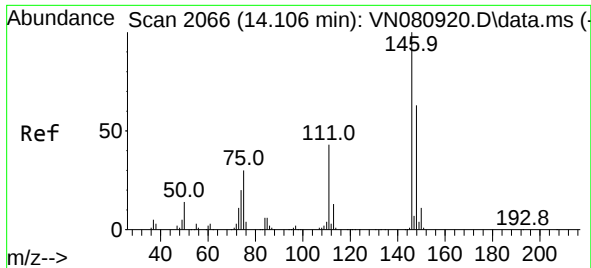
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 102.342 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:117 Resp: 358778
Ion Ratio Lower Upper
117 100
201 64.8 30.0 90.0





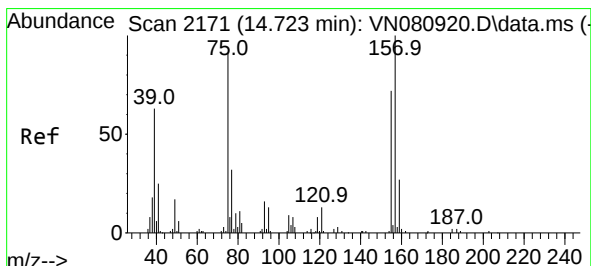
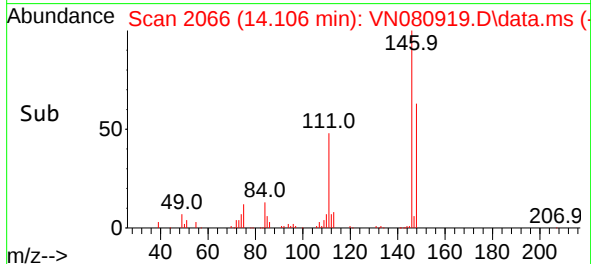
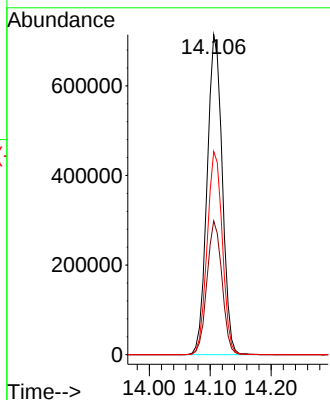
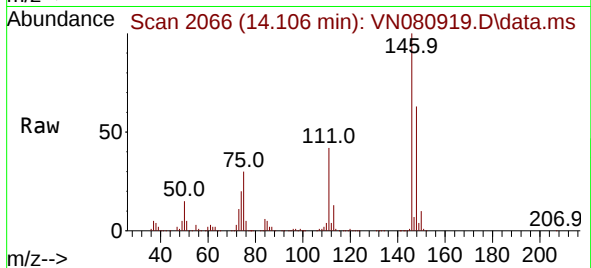
#91
1,2-Dichlorobenzene
Concen: 101.431 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 123390
Ion Ratio Lower Upper
146 100
111 41.4 23.9 71.8
148 63.5 31.4 94.0

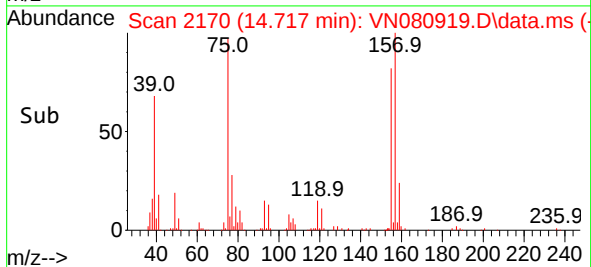
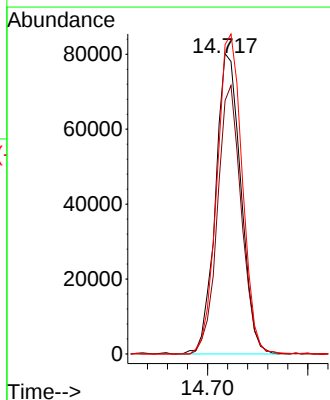
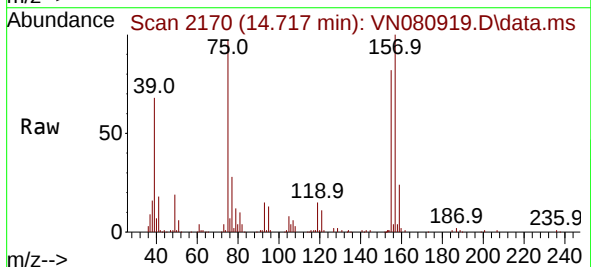
Manual Integrations
APPROVED

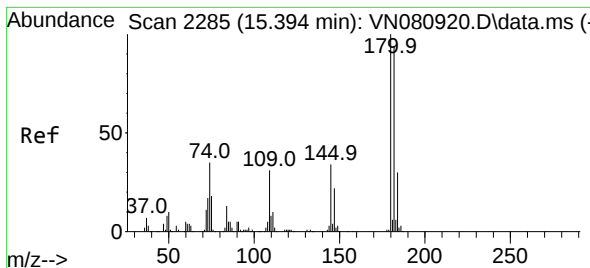
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 85.458 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion: 75 Resp: 140512
Ion Ratio Lower Upper
75 100
155 84.2 31.8 95.4
157 106.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 97.355 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 585840

Ion Ratio Lower Upper

180 100

182 94.1 46.6 139.7

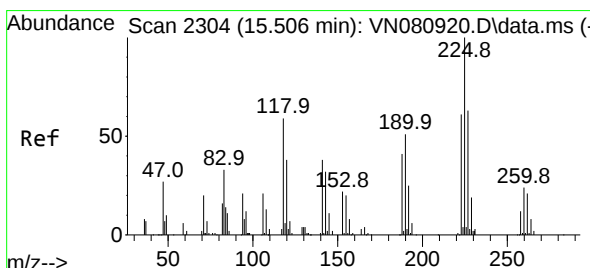
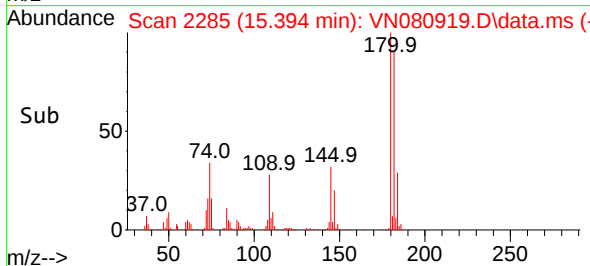
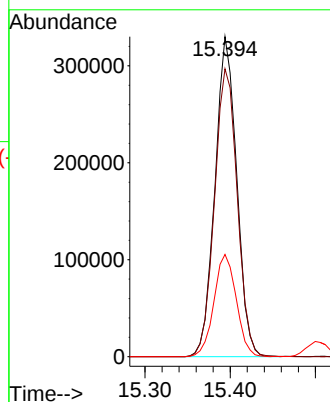
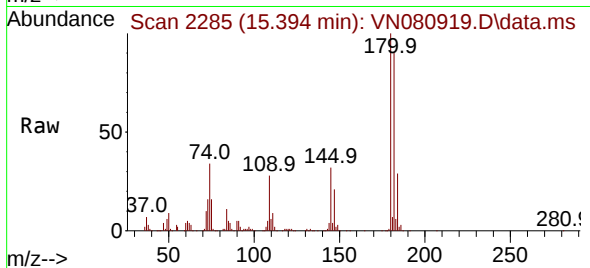
145 32.8 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#94

Hexachlorobutadiene

Concen: 92.019 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN080919.D

Acq: 06 Feb 2024 15:46

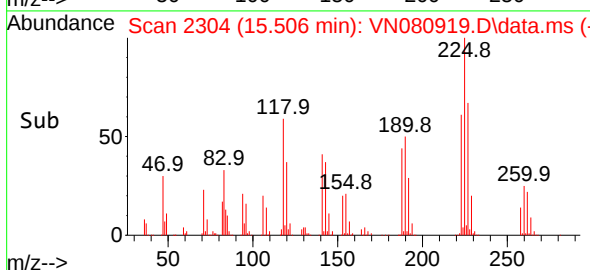
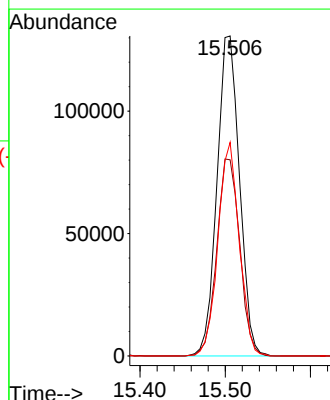
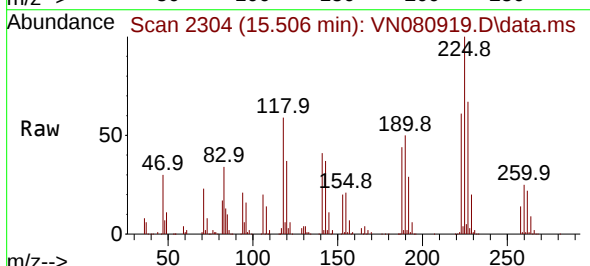
Tgt Ion:225 Resp: 240067

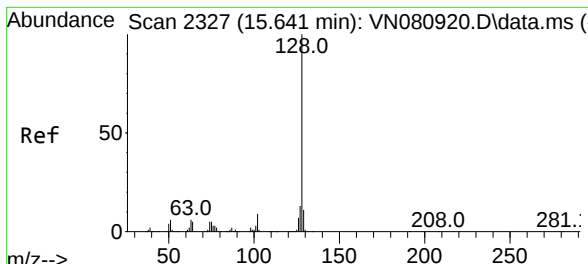
Ion Ratio Lower Upper

225 100

223 62.7 33.3 99.8

227 63.1 33.1 99.2





#95
Naphthalene
Concen: 96.776 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

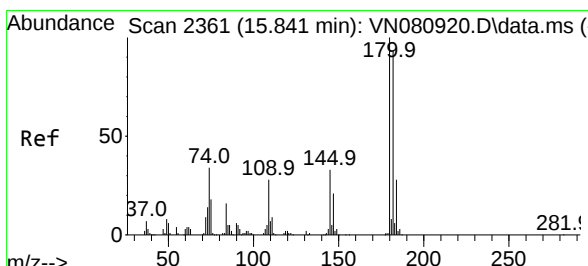
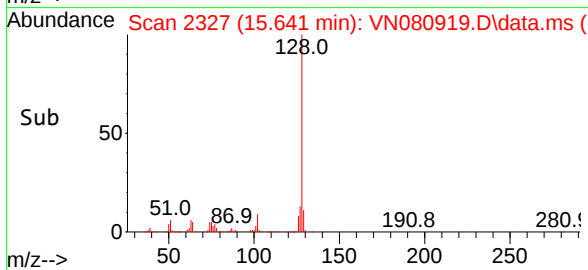
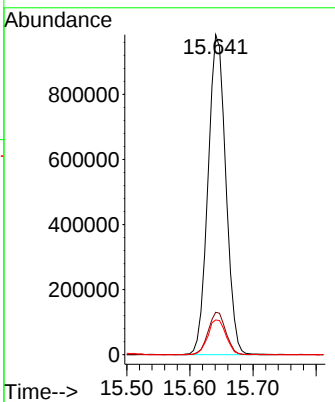
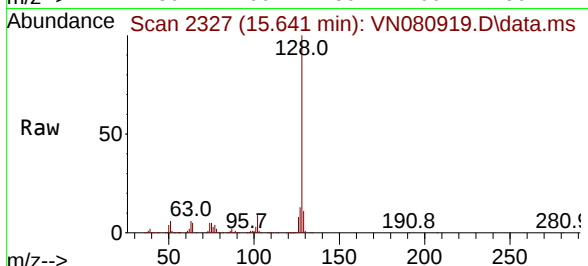
Instrument : MSVOA_N
ClientSampleId : VSTDIC100

Tgt Ion:128 Resp: 192280

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	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: 92.660 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080919.D
Acq: 06 Feb 2024 15:46

Tgt Ion:180 Resp: 548852

Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.5	139.3
145	34.7	17.8	53.4

