

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081071.D
 Acq On : 19 Feb 2024 12:57
 Operator : JC\MD
 Sample : VN0219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	391769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	718116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	633278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	239304	49.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	203421	50.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	10.565	98	704922	48.876	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.847	95	263783	48.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105059	20.736	ug/l	94
3) Chloromethane	2.365	50	102986	17.872	ug/l	96
4) Vinyl Chloride	2.518	62	109976	19.542	ug/l	98
5) Bromomethane	2.965	94	74354	18.602	ug/l	99
6) Chloroethane	3.124	64	79876	21.449	ug/l	91
7) Trichlorofluoromethane	3.500	101	163109	19.839	ug/l	94
8) Diethyl Ether	3.959	74	56778	18.889	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	91564	19.978	ug/l	91
10) Methyl Iodide	4.595	142	109672	21.437	ug/l #	94
11) Tert butyl alcohol	5.512	59	76309	86.410	ug/l #	85
12) 1,1-Dichloroethene	4.347	96	84392	19.048	ug/l	89
13) Acrolein	4.177	56	64757	136.813	ug/l	99
14) Allyl chloride	5.018	41	123575	18.798	ug/l #	90
15) Acrylonitrile	5.718	53	218898	94.910	ug/l	99
16) Acetone	4.424	43	173303	91.720	ug/l	99
17) Carbon Disulfide	4.718	76	229366	18.561	ug/l	100
18) Methyl Acetate	5.024	43	97643	21.184	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	298655	19.682	ug/l	98
20) Methylene Chloride	5.271	84	100035	19.906	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	94528	19.124	ug/l	87
22) Diisopropyl ether	6.671	45	297762	19.968	ug/l #	92
23) Vinyl Acetate	6.600	43	1182229	97.716	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	172488	20.005	ug/l	98
25) 2-Butanone	7.477	43	279888	91.691	ug/l	97
26) 2,2-Dichloropropane	7.494	77	148897	18.430	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	108397	18.875	ug/l	91
28) Bromochloromethane	7.818	49	76178	21.311	ug/l #	68
29) Tetrahydrofuran	7.841	42	183665	90.134	ug/l #	86
30) Chloroform	7.971	83	184819	20.163	ug/l	95
31) Cyclohexane	8.259	56	156851	18.917	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	162151	19.424	ug/l	90
36) 1,1-Dichloropropene	8.371	75	131725	18.934	ug/l	97
37) Ethyl Acetate	7.565	43	113306	18.046	ug/l	98
38) Carbon Tetrachloride	8.359	117	142651	20.267	ug/l	94
39) Methylcyclohexane	9.600	83	156842	19.340	ug/l #	95
40) Benzene	8.606	78	400345	19.881	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65001	18.191	ug/l	88
42) 1,2-Dichloroethane	8.671	62	137634	19.591	ug/l	97
43) Isopropyl Acetate	8.688	43	210854	19.202	ug/l #	94
44) Trichloroethene	9.353	130	101243	18.877	ug/l	97
45) 1,2-Dichloropropane	9.624	63	98473	19.550	ug/l	95
46) Dibromomethane	9.712	93	72140	19.656	ug/l	91
47) Bromodichloromethane	9.888	83	137491	19.780	ug/l #	97
48) Methyl methacrylate	9.677	41	96013	18.791	ug/l	91
49) 1,4-Dioxane	9.694	88	37006	368.353	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	605147	95.799	ug/l	95
52) Toluene	10.629	92	254403	19.956	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	152920	19.797	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	169074	20.259	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	98174	20.023	ug/l	95
56) Ethyl methacrylate	10.871	69	146905	19.604	ug/l	90
57) 1,3-Dichloropropane	11.159	76	170359	20.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	351522	93.493	ug/l #	86
59) 2-Hexanone	11.194	43	436010	87.063	ug/l	94
60) Dibromochloromethane	11.359	129	103112	19.796	ug/l	99
61) 1,2-Dibromoethane	11.471	107	100397	19.472	ug/l	96
64) Tetrachloroethene	11.106	164	90522	20.944	ug/l	89
65) Chlorobenzene	11.888	112	260632	19.016	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	100054	20.324	ug/l	97
67) Ethyl Benzene	11.965	91	480645	19.598	ug/l	94
68) m/p-Xylenes	12.071	106	362651	38.577	ug/l	97
69) o-Xylene	12.400	106	178662	19.173	ug/l	96
70) Styrene	12.412	104	287869	19.495	ug/l	97
71) Bromoform	12.582	173	61609	19.726	ug/l #	97
73) Isopropylbenzene	12.694	105	469136	19.889	ug/l	97
74) N-amyl acetate	12.494	43	186791	18.737	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	129054	19.457	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	113200m	18.480	ug/l	
77) Bromobenzene	12.982	156	102408	19.471	ug/l	74
78) n-propylbenzene	13.035	91	533090	19.632	ug/l	96
79) 2-Chlorotoluene	13.123	91	317039	19.035	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	375848	19.652	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	44385	18.651	ug/l	97
82) 4-Chlorotoluene	13.223	91	312601	19.195	ug/l	95
83) tert-Butylbenzene	13.441	119	329648	19.934	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	382082	20.049	ug/l	96
85) sec-Butylbenzene	13.617	105	459159	19.972	ug/l	94
86) p-Isopropyltoluene	13.729	119	375786	19.679	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	187470	18.865	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	190385	19.497	ug/l	98
89) n-Butylbenzene	14.059	91	320285	19.253	ug/l	97
90) Hexachloroethane	14.335	117	62223	19.713	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	182446	19.036	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24575	17.821	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	100252	18.749	ug/l	99
94) Hexachlorobutadiene	15.500	225	36287	18.196	ug/l	99
95) Naphthalene	15.641	128	350099	17.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99951	18.843	ug/l	98

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ClientSampleId :
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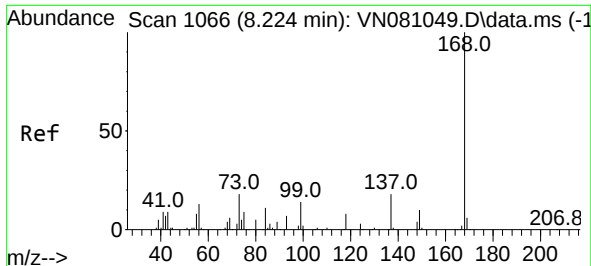
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

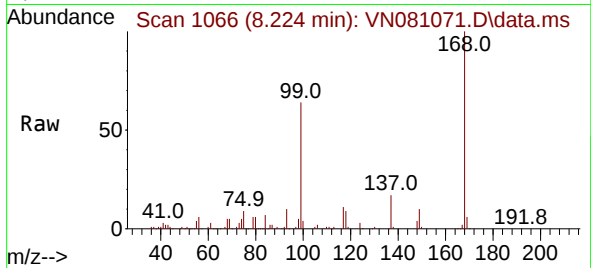
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081071.D
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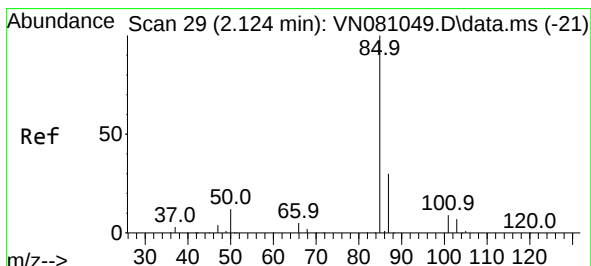
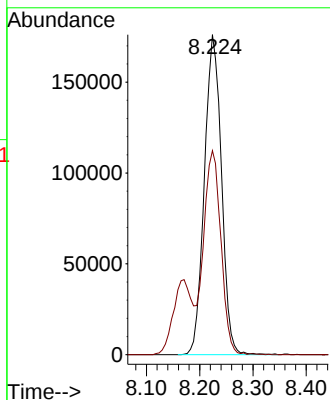
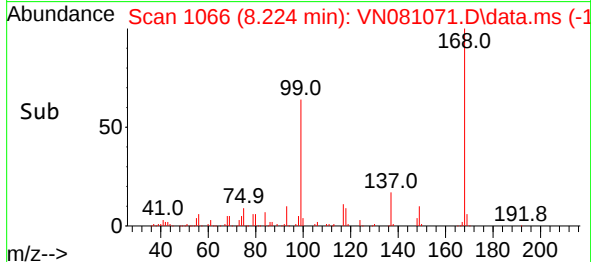
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:168 Resp: 391769
Ion Ratio Lower Upper
168 100
99 63.8 59.9 89.9

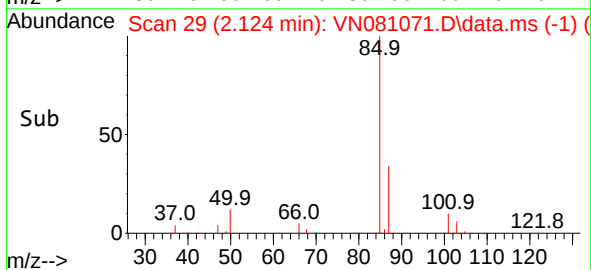
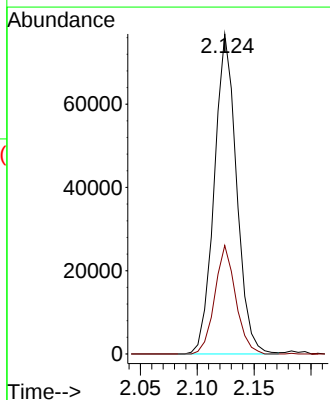
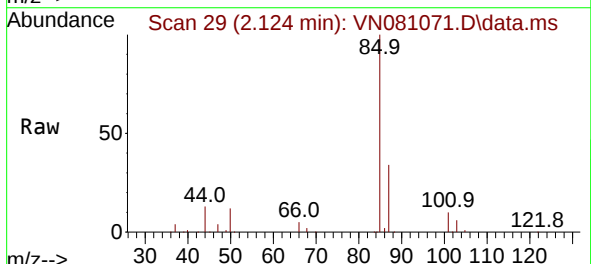
Manual Integrations
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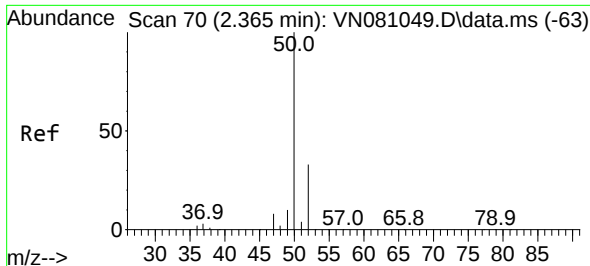
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 20.736 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

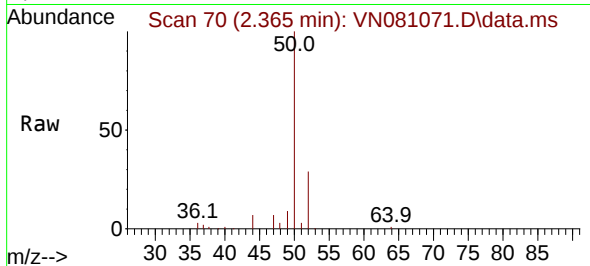
Tgt Ion: 85 Resp: 105059
Ion Ratio Lower Upper
85 100
87 33.9 15.3 45.9





#3
Chloromethane
Concen: 17.872 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

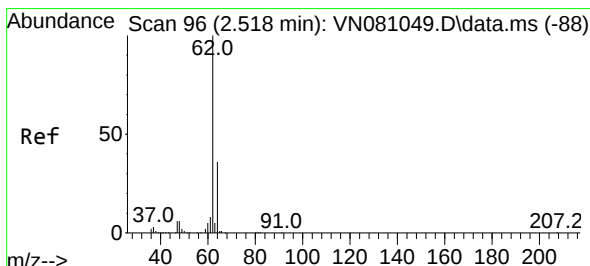
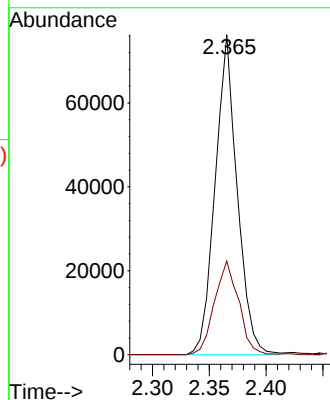
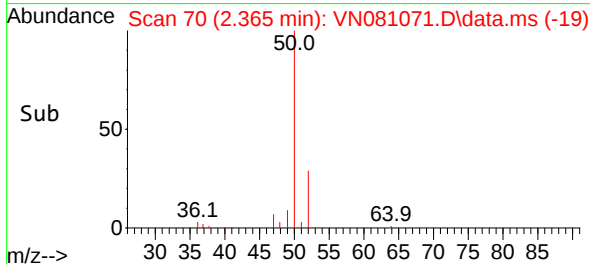
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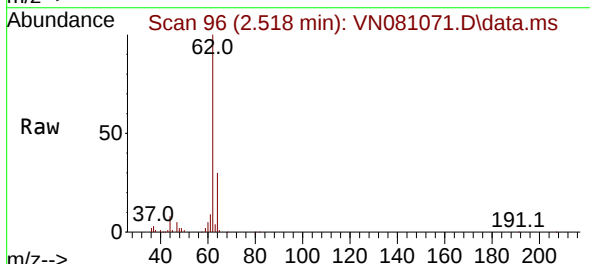
Tgt Ion: 50 Resp: 102980
Ion Ratio Lower Upper
50 100
52 29.3 25.0 37.4

Manual Integrations
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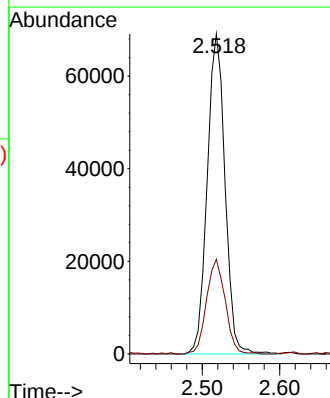
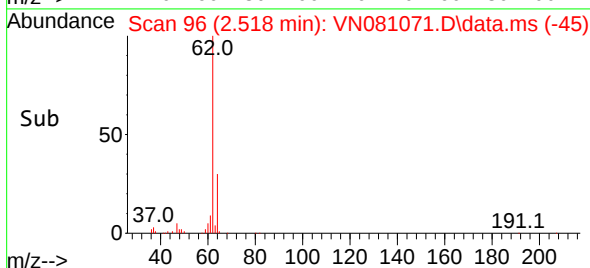
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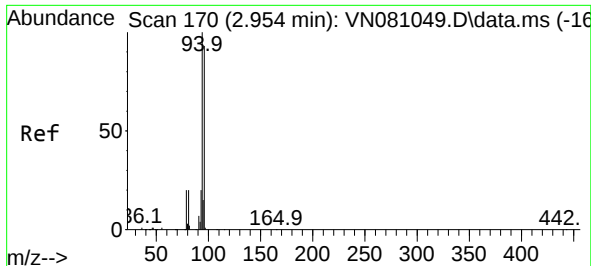


#4
Vinyl Chloride
Concen: 19.542 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



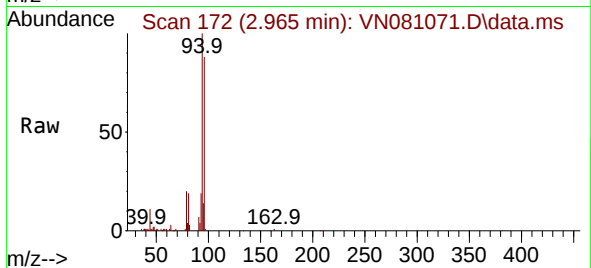
Tgt Ion: 62 Resp: 109976
Ion Ratio Lower Upper
62 100
64 29.6 22.7 34.1





#5
Bromomethane
Concen: 18.602 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

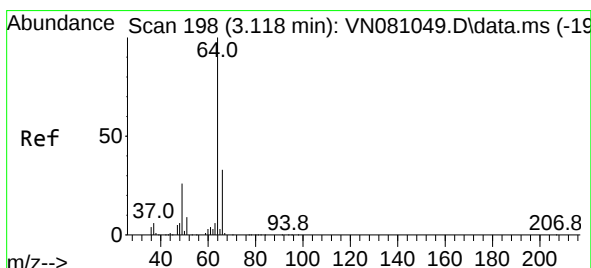
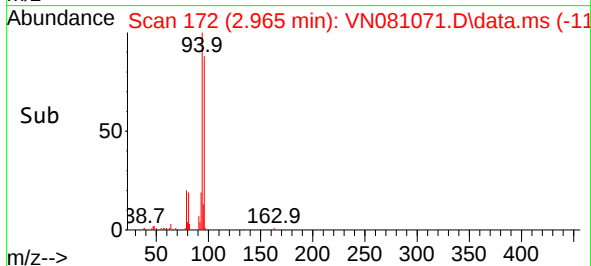
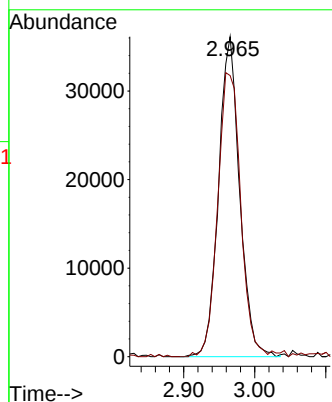
Instrument :
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Tgt Ion: 94 Resp: 74354
Ion Ratio Lower Upper
94 100
96 87.9 69.2 103.8

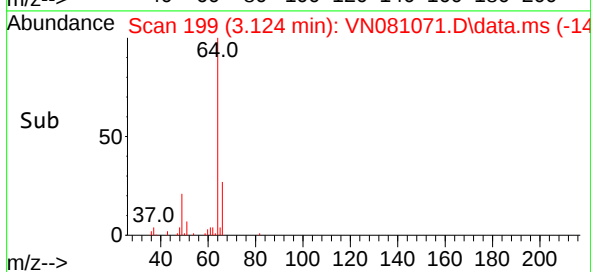
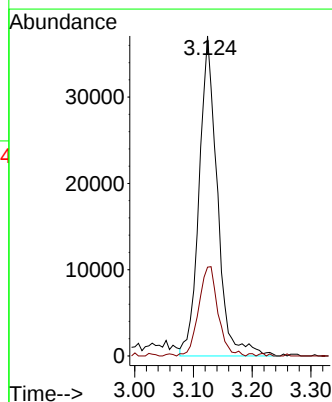
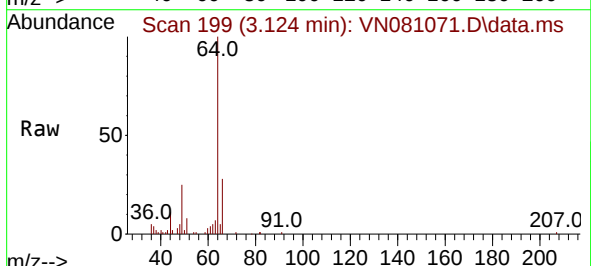
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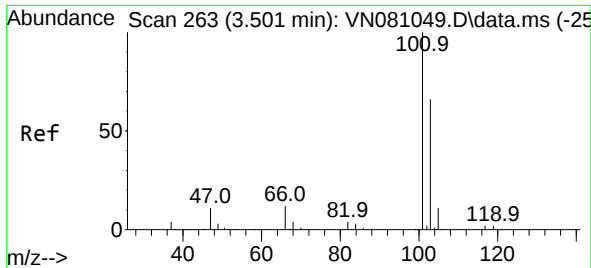
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 21.449 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

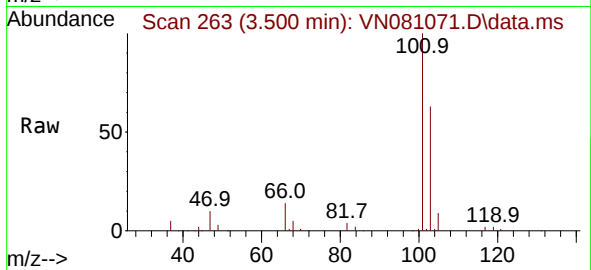
Tgt Ion: 64 Resp: 79876
Ion Ratio Lower Upper
64 100
66 27.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.839 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

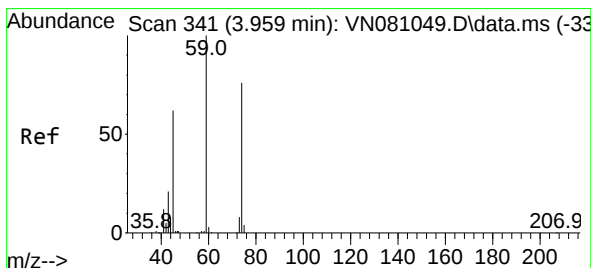
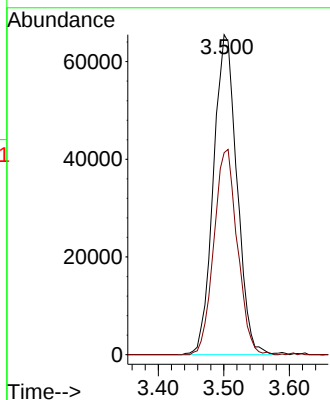
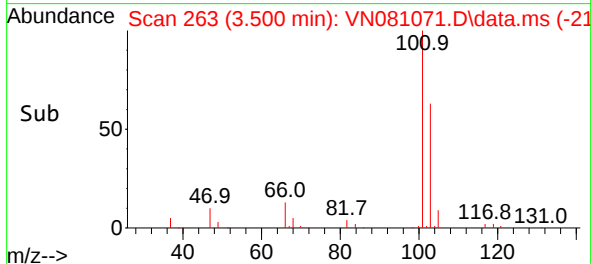
Instrument :
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Tgt Ion:101 Resp: 163109
 Ion Ratio Lower Upper
 101 100
 103 63.1 54.4 81.6

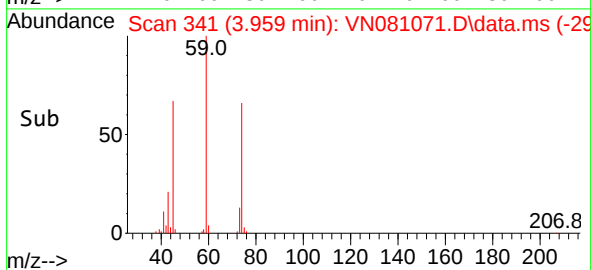
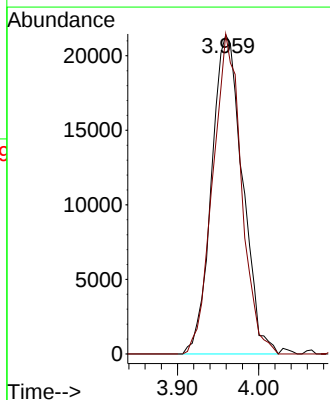
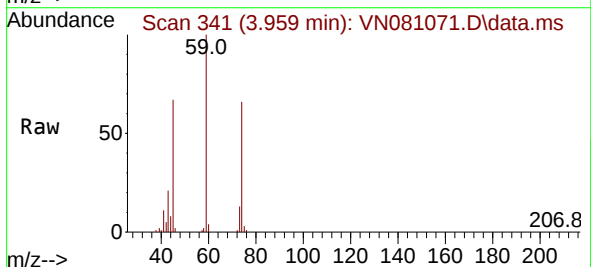
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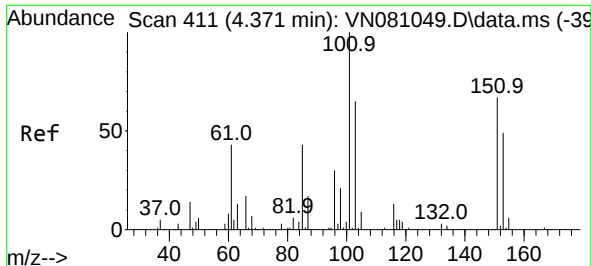
Reviewed By :John Carlone 02/20/2024
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#8
 Diethyl Ether
 Concen: 18.889 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 56778
 Ion Ratio Lower Upper
 74 100
 45 92.7 53.3 159.9





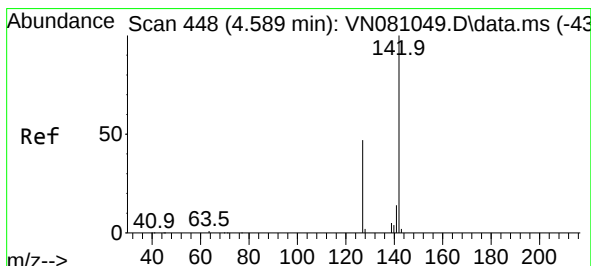
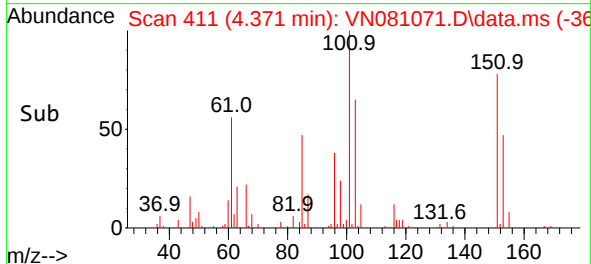
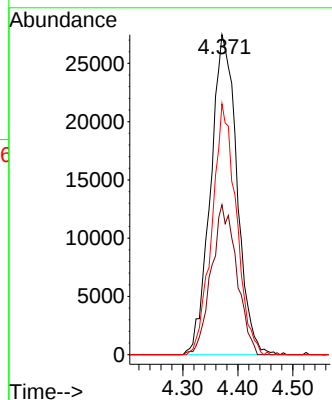
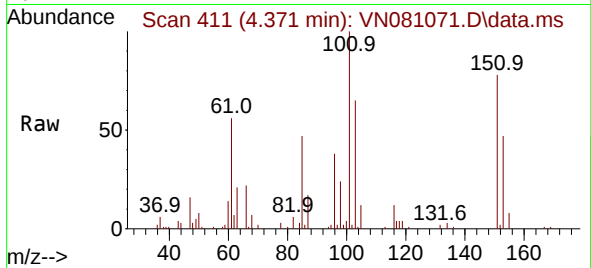
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.978 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion:101 Resp: 91564
Ion Ratio Lower Upper
101 100
85 45.3 38.1 57.1
151 72.1 49.1 73.7

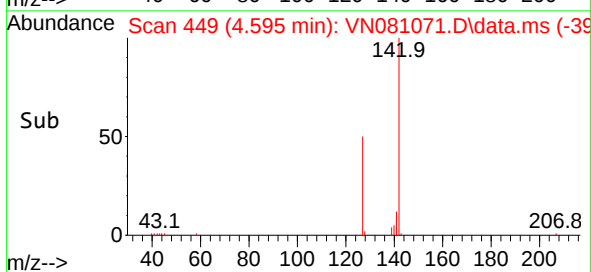
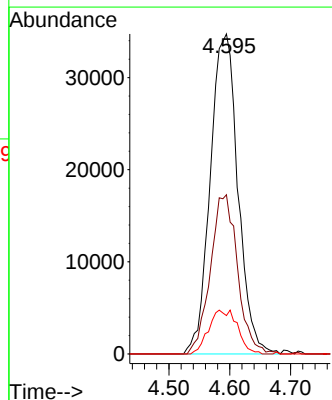
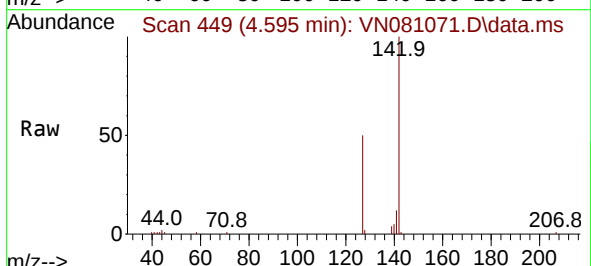
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 21.437 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

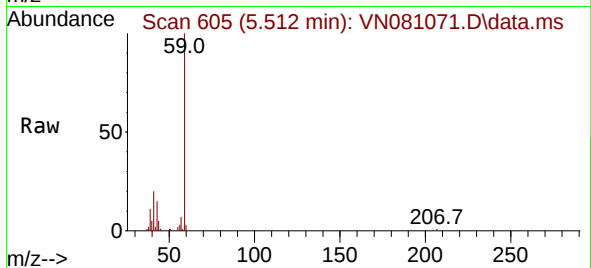
Tgt Ion:142 Resp: 109672
Ion Ratio Lower Upper
142 100
127 49.7 37.0 55.4
141 12.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 86.410 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

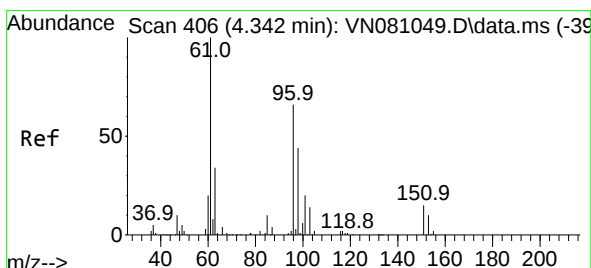
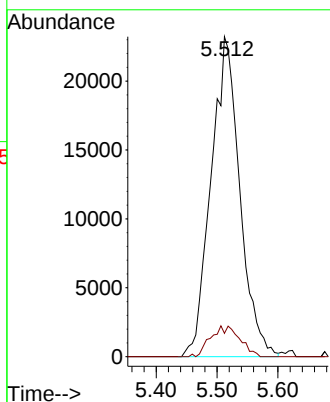
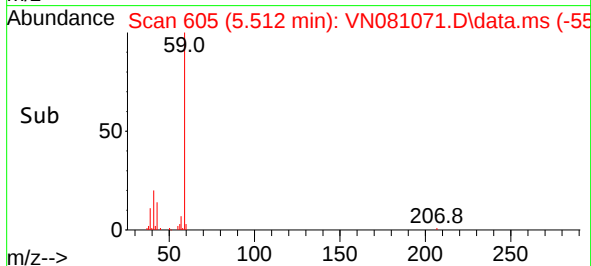
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



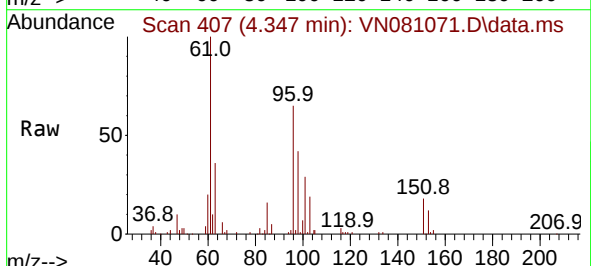
Tgt Ion: 59 Resp: 76309
Ion Ratio Lower Upper
59 100
57 5.0 8.6 12.8

Manual Integrations
APPROVED

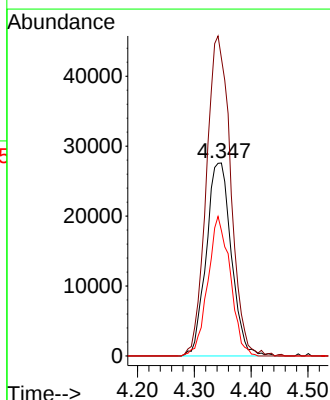
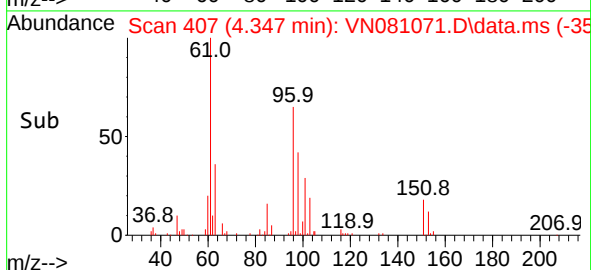
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

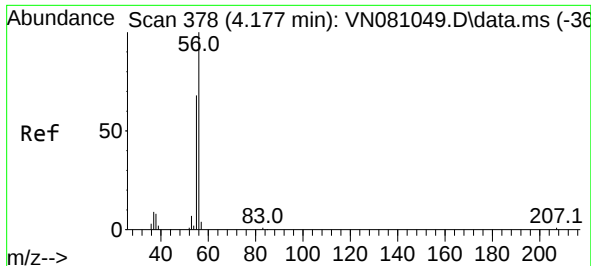


#12
1,1-Dichloroethene
Concen: 19.048 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



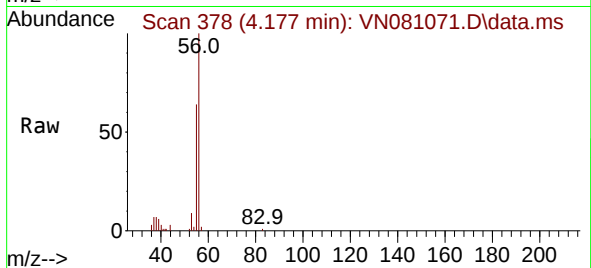
Tgt Ion: 96 Resp: 84392
Ion Ratio Lower Upper
96 100
61 154.4 138.2 207.4
98 65.0 49.2 73.8





#13
Acrolein
Concen: 136.813 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

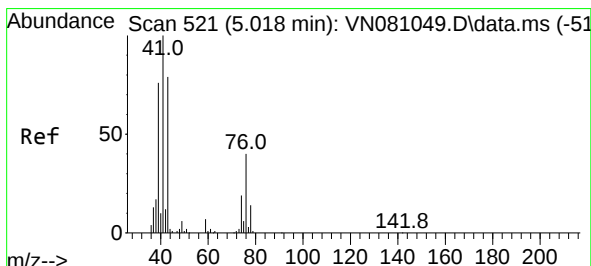
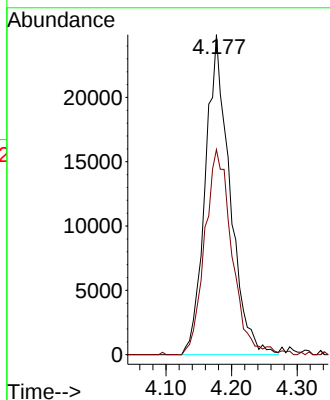
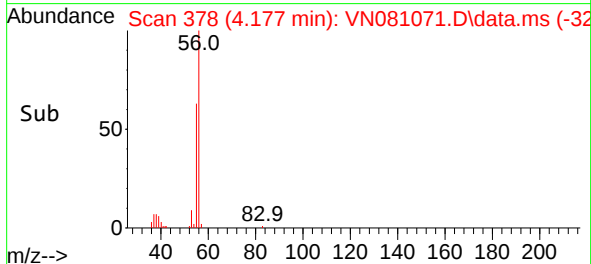
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 56 Resp: 6475
Ion Ratio Lower Upper
56 100
55 69.7 55.3 82.9

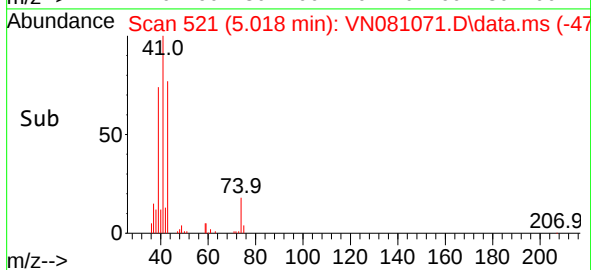
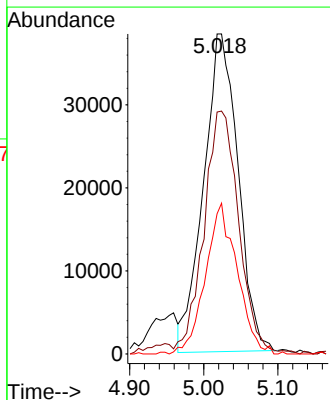
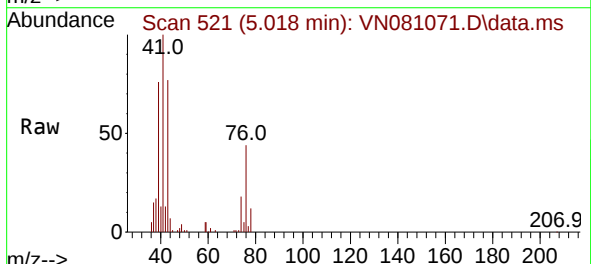
Manual Integrations
APPROVED

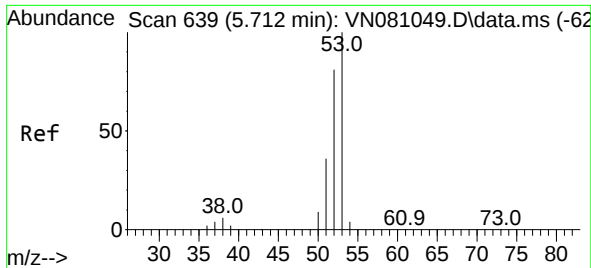
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#14
Allyl chloride
Concen: 18.798 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

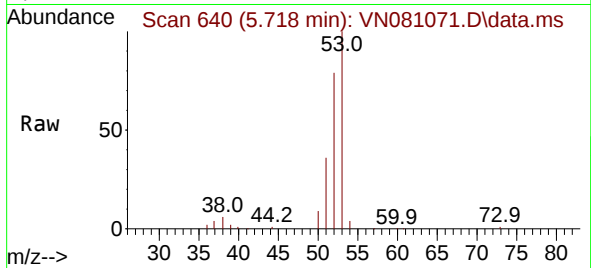
Tgt Ion: 41 Resp: 123575
Ion Ratio Lower Upper
41 100
39 77.5 57.7 86.5
76 43.7 26.8 40.2#





#15
Acrylonitrile
Concen: 94.910 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

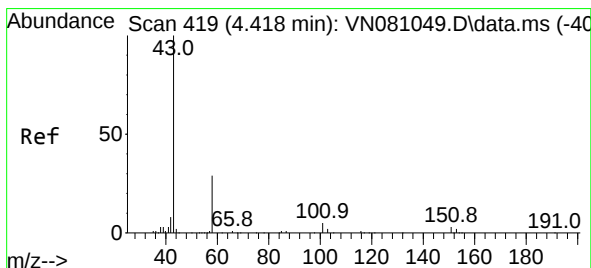
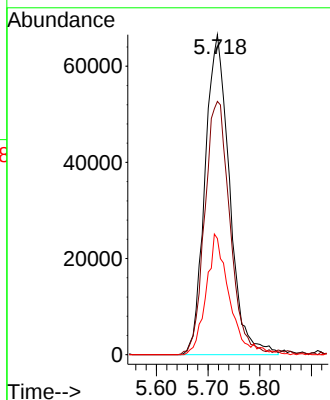
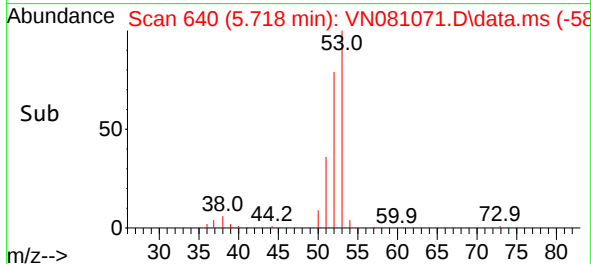
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 53 Resp: 218898
Ion Ratio Lower Upper
53 100
52 81.1 64.8 97.2
51 35.9 26.9 40.3

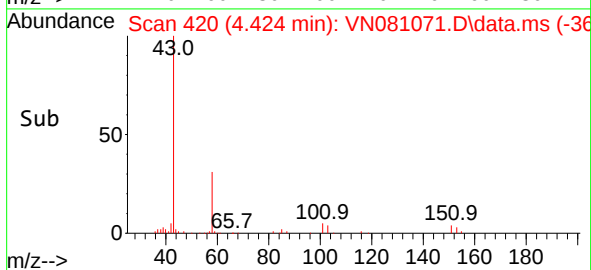
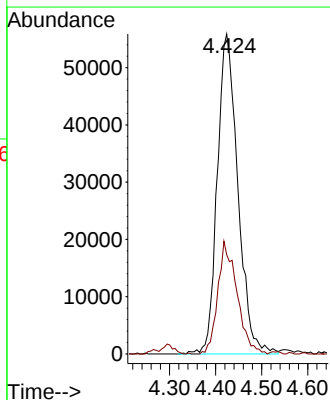
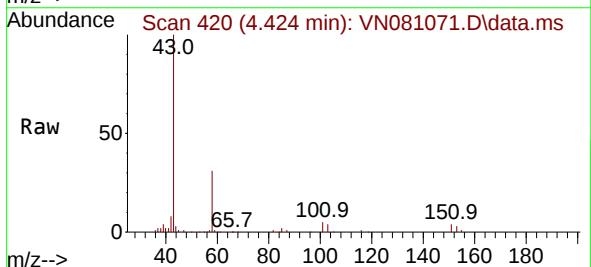
Manual Integrations
APPROVED

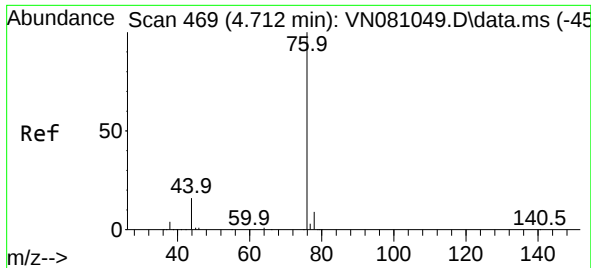
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 91.720 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion: 43 Resp: 173303
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2





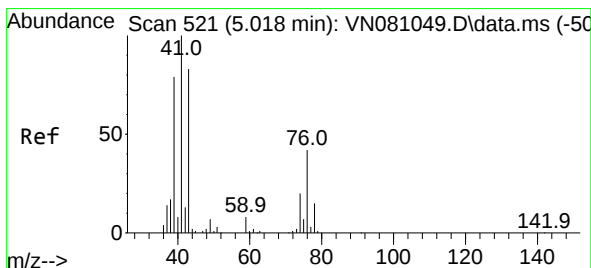
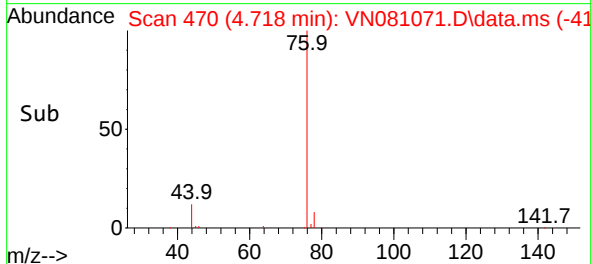
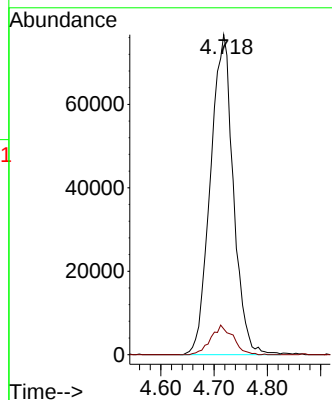
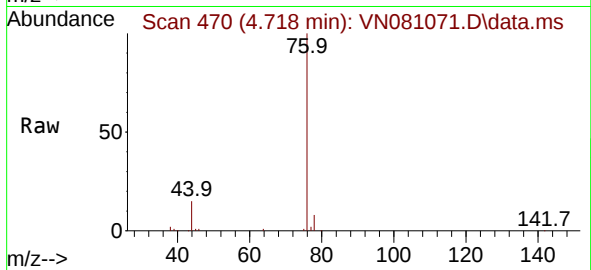
#17
Carbon Disulfide
Concen: 18.561 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 76 Resp: 22936
Ion Ratio Lower Upper
76 100
78 8.1 6.3 9.5

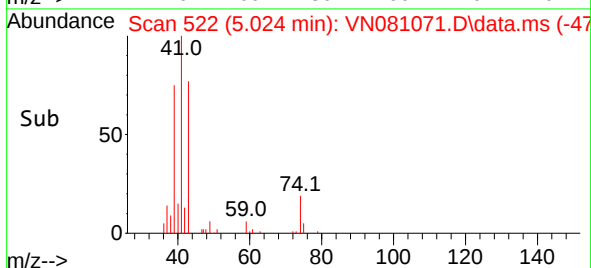
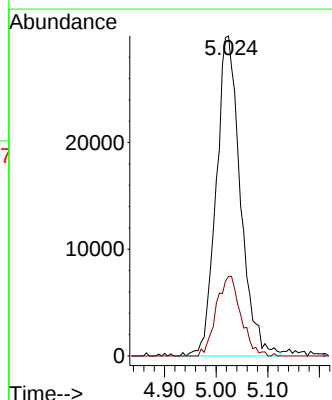
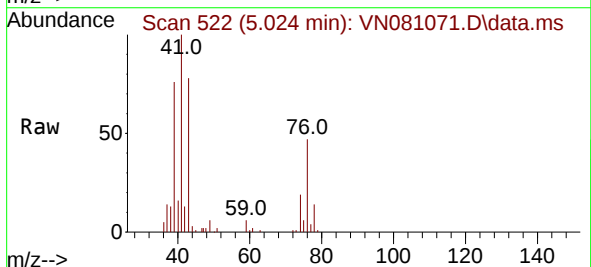
Manual Integrations
APPROVED

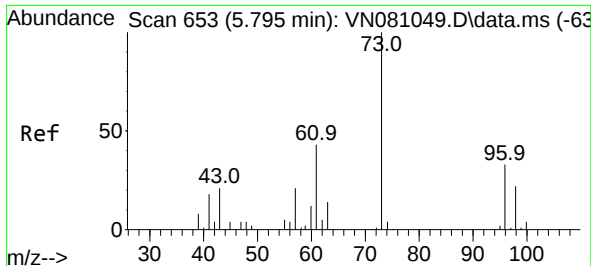
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 21.184 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion: 43 Resp: 97643
Ion Ratio Lower Upper
43 100
74 25.3 17.3 25.9





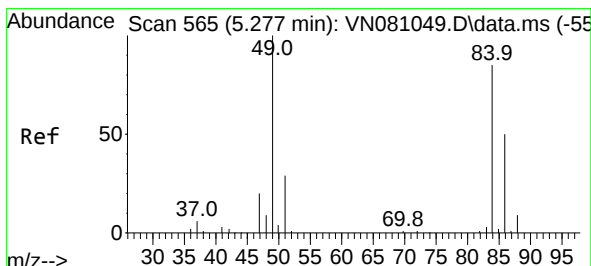
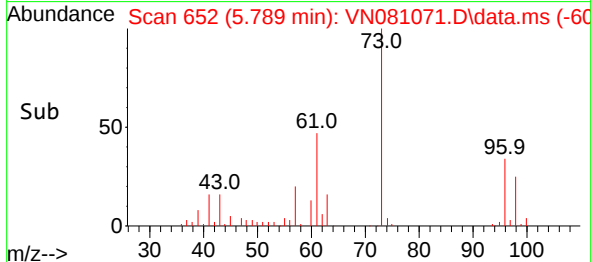
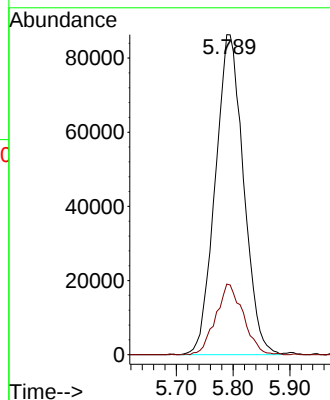
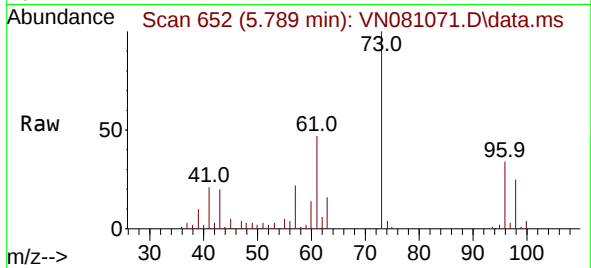
#19
Methyl tert-butyl Ether
Concen: 19.682 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 73 Resp: 29865
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

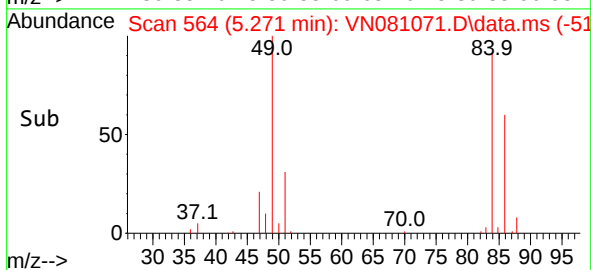
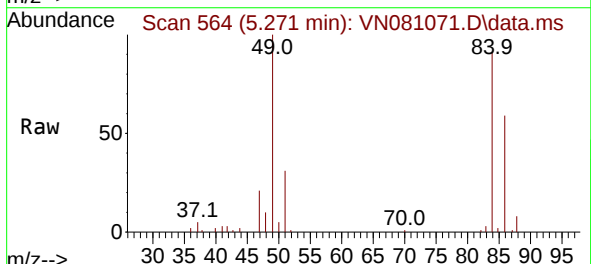
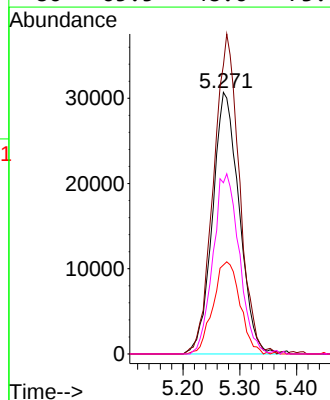
Manual Integrations
APPROVED

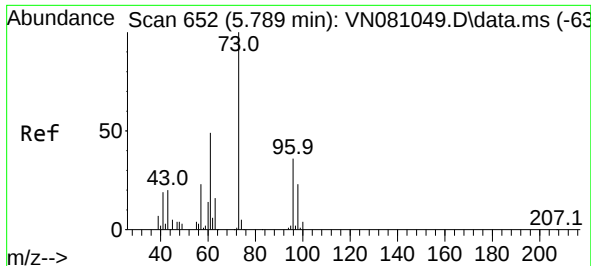
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 19.906 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

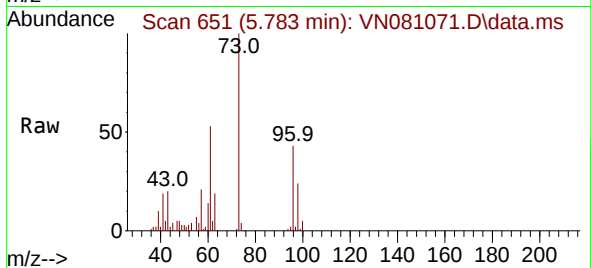
Tgt Ion: 84 Resp: 100035
Ion Ratio Lower Upper
84 100
49 110.3 108.1 162.1
51 34.0 32.9 49.3
86 65.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.124 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

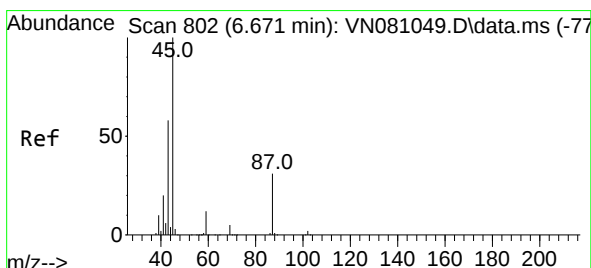
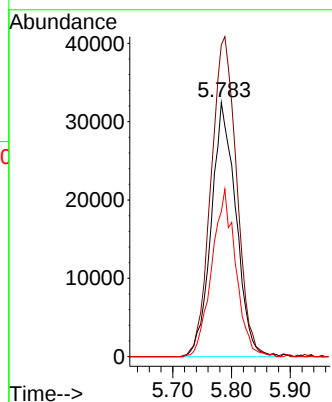
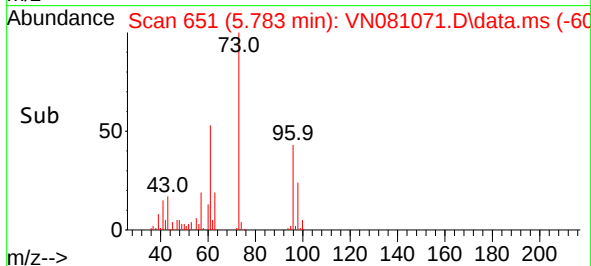
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 96 Resp: 94528
Ion Ratio Lower Upper
96 100
61 122.6 112.8 169.2
98 56.9 51.0 76.4

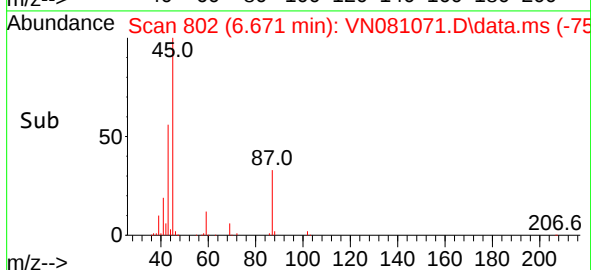
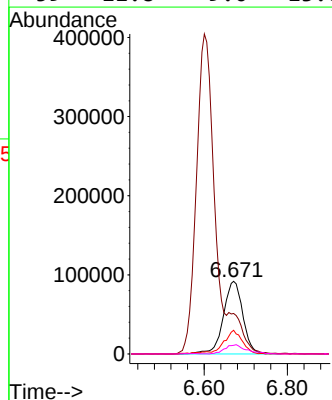
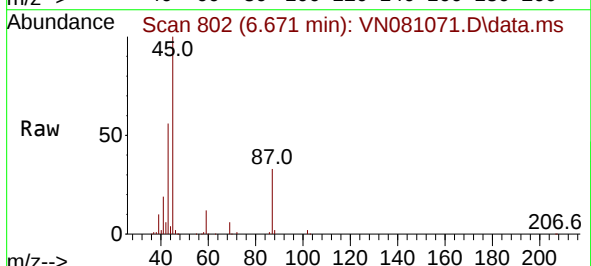
Manual Integrations
APPROVED

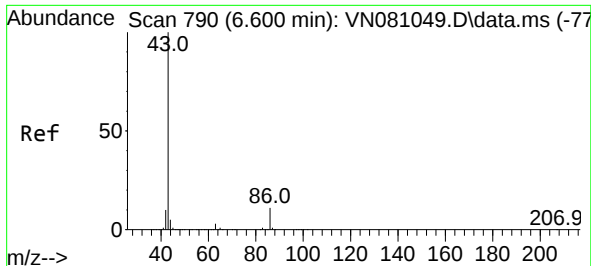
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#22
Diisopropyl ether
Concen: 19.968 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

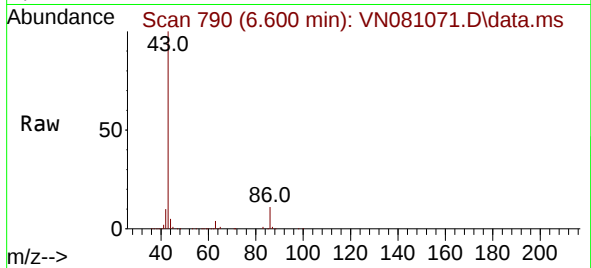
Tgt Ion: 45 Resp: 297762
Ion Ratio Lower Upper
45 100
43 55.0 41.8 62.8
87 32.4 18.1 27.1#
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.716 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

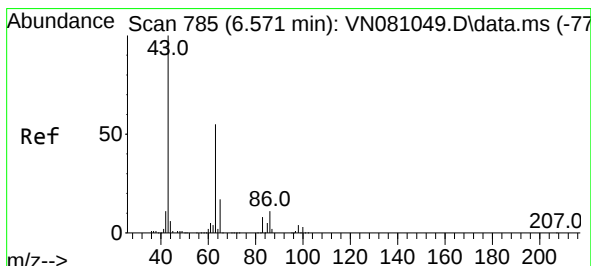
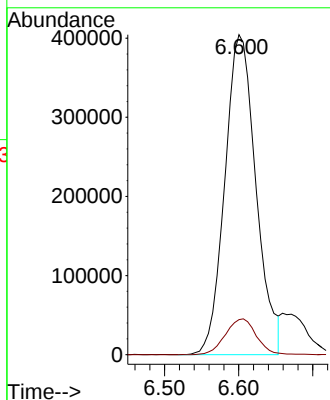
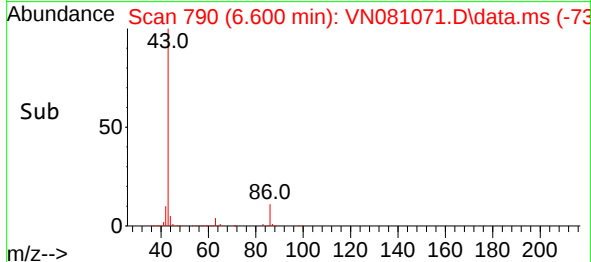
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



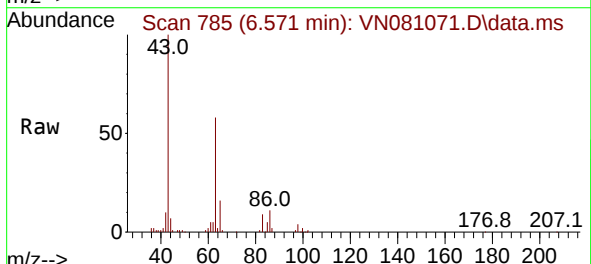
Tgt Ion: 43 Resp: 1182229
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

Manual Integrations
 APPROVED

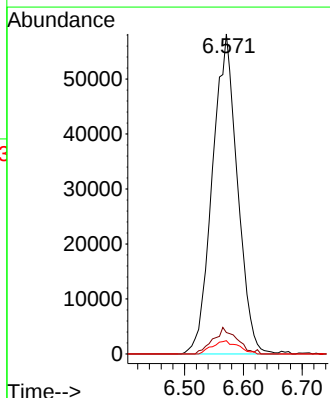
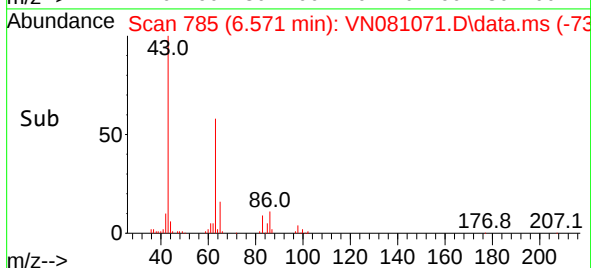
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

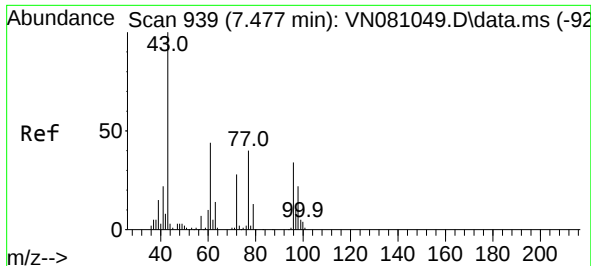


#24
 1,1-Dichloroethane
 Concen: 20.005 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57



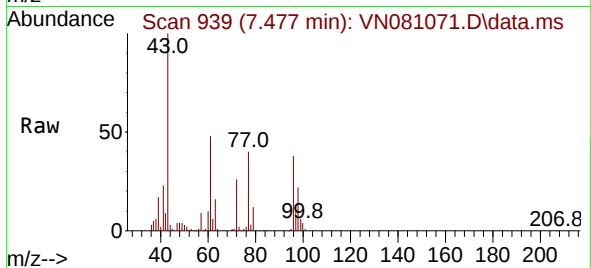
Tgt Ion: 63 Resp: 172488
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 4.2 1.9 5.7





#25
2-Butanone
Concen: 91.691 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

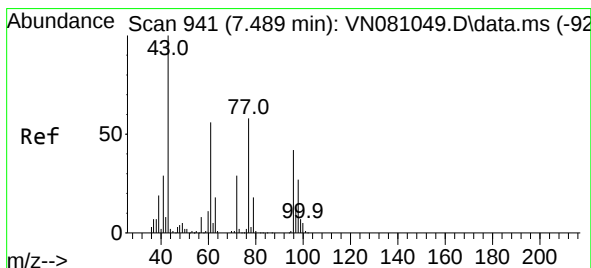
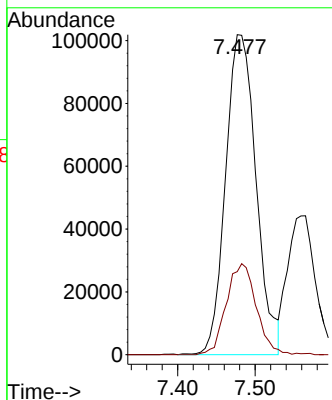
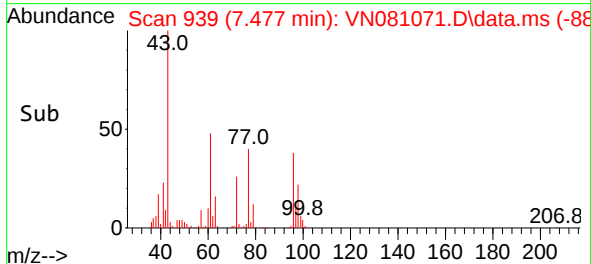
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 43 Resp: 27988
Ion Ratio Lower Upper
43 100
72 26.0 19.5 29.3

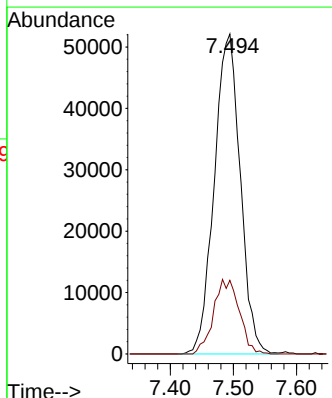
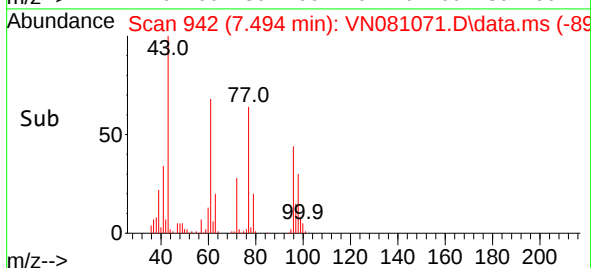
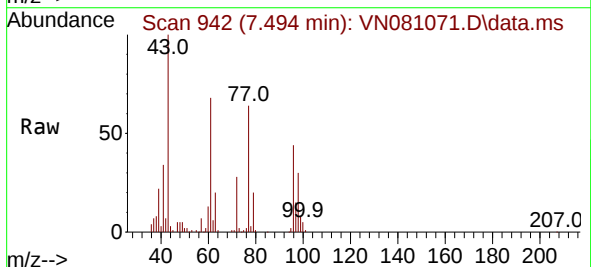
Manual Integrations
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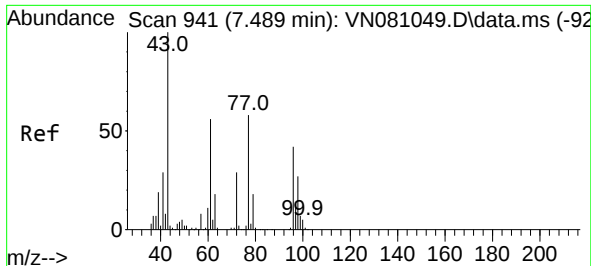
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 18.430 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

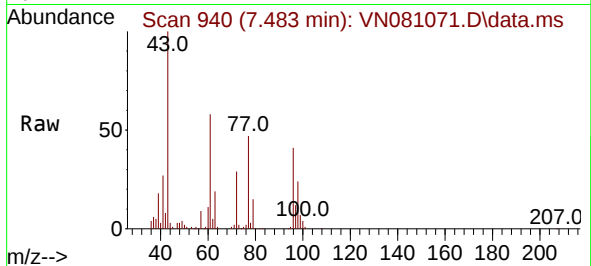
Tgt Ion: 77 Resp: 148897
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.875 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

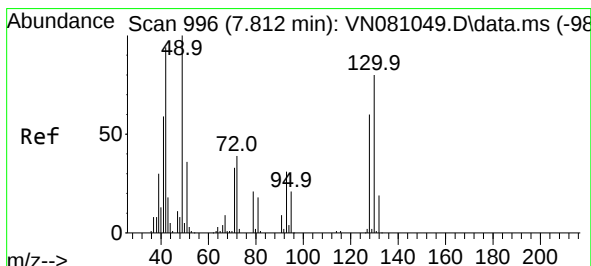
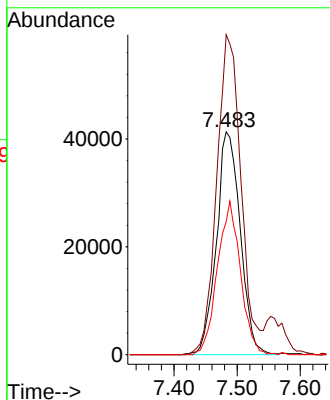
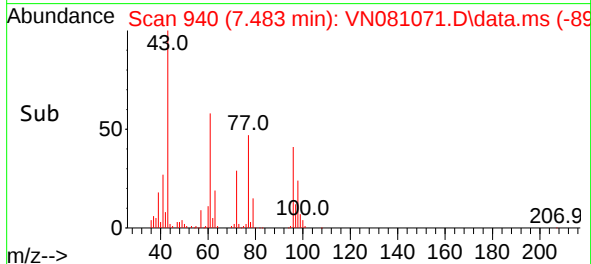
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



Tgt Ion: 96 Resp: 10839
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 325.4
 98 66.5 0.0 130.4

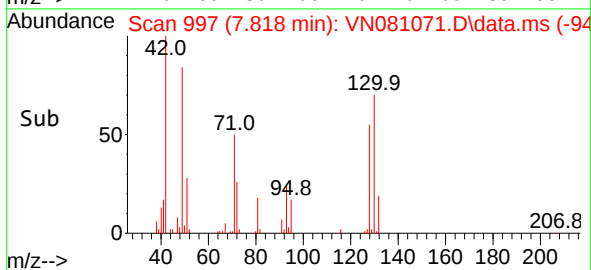
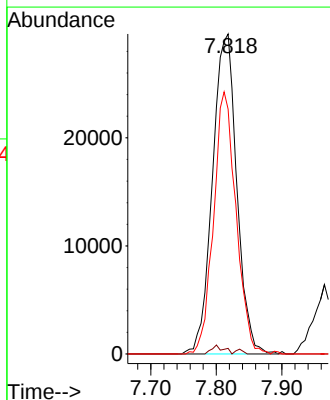
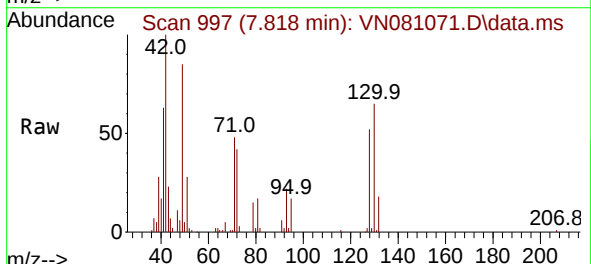
Manual Integrations
 APPROVED

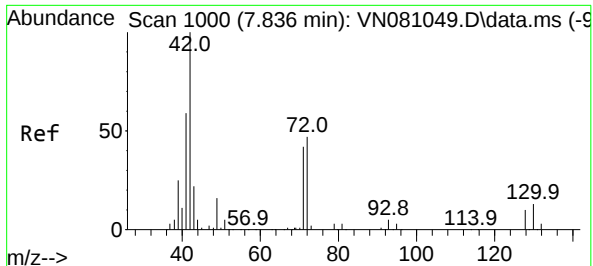
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#28
 Bromochloromethane
 Concen: 21.311 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

Tgt Ion: 49 Resp: 76178
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 1.6
 130 75.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 90.134 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 42 Resp: 18366

Ion Ratio Lower Upper

42 100

72 46.4 31.1 46.7

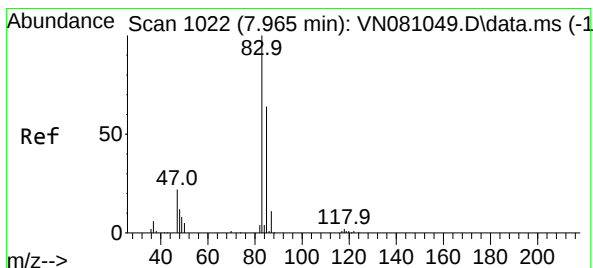
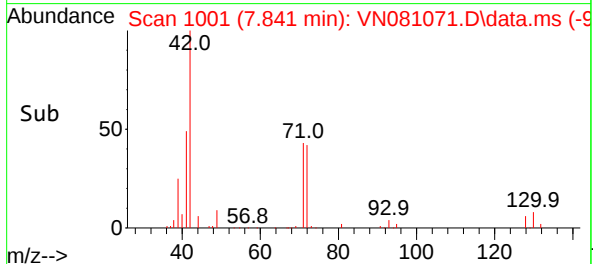
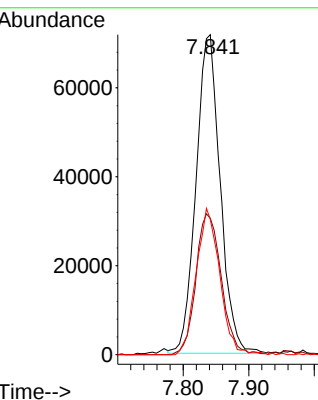
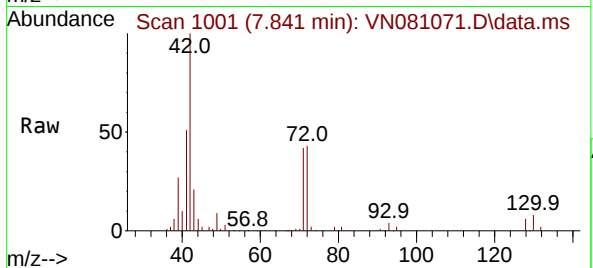
71 44.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 20.163 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081071.D

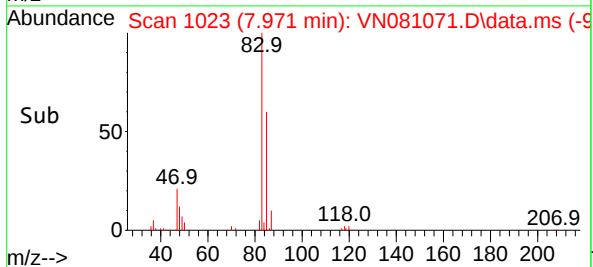
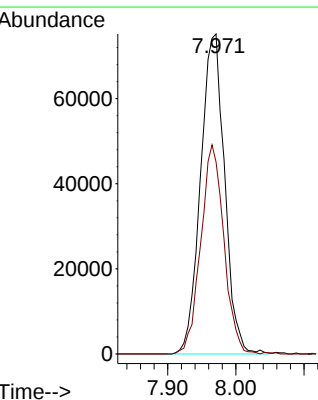
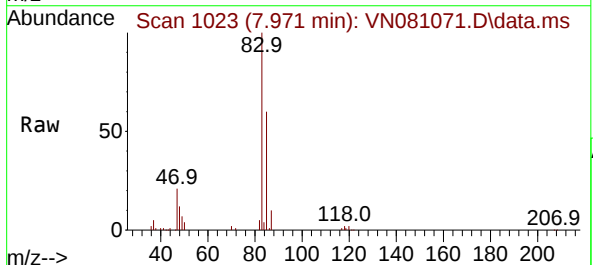
Acq: 19 Feb 2024 12:57

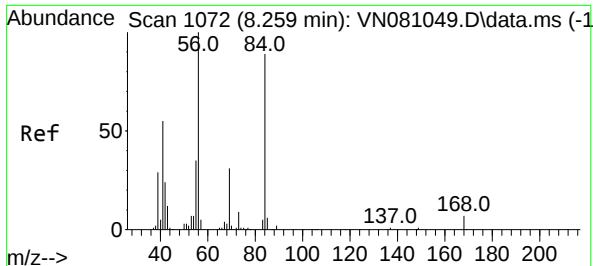
Tgt Ion: 83 Resp: 184819

Ion Ratio Lower Upper

83 100

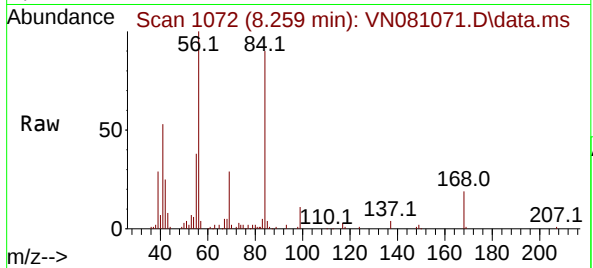
85 60.0 51.0 76.6





#31
Cyclohexane
Concen: 18.917 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

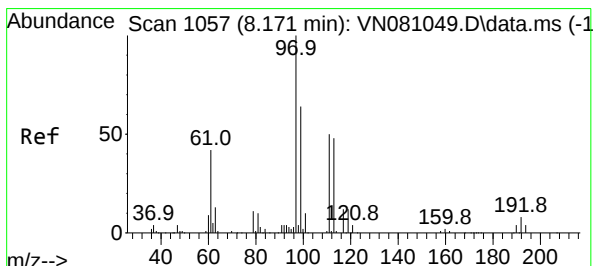
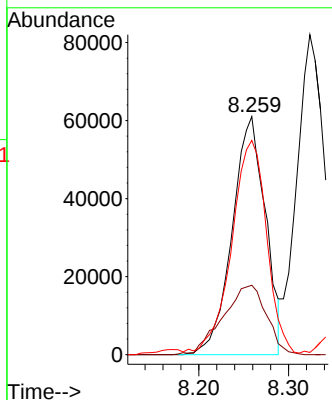
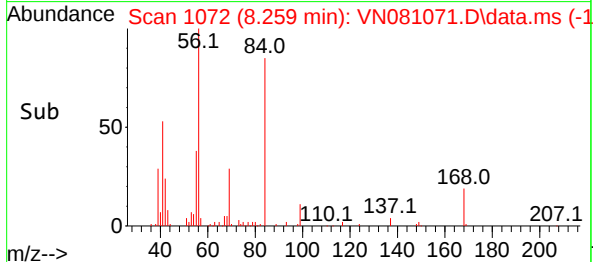
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 56 Resp: 15685
Ion Ratio Lower Upper
56 100
69 27.7 20.1 30.1
84 87.8 56.9 85.3

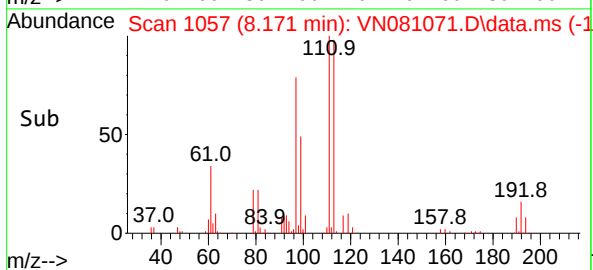
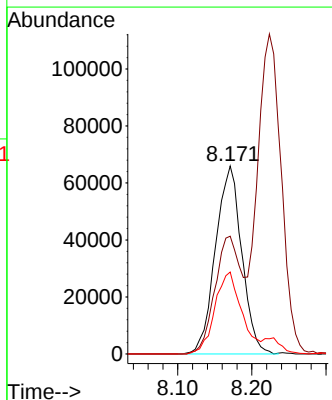
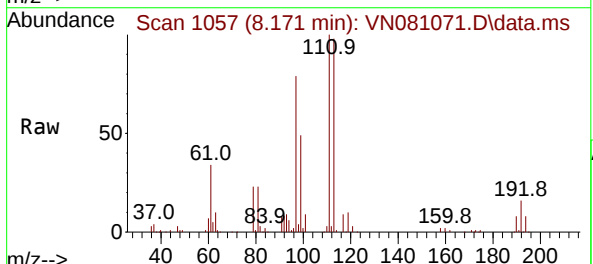
Manual Integrations
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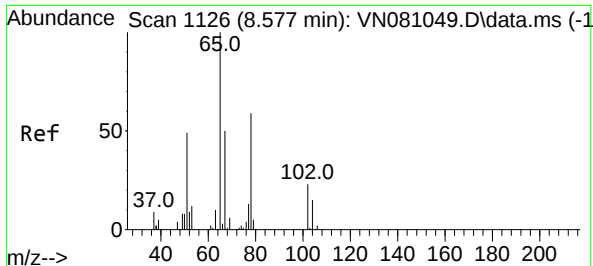
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.424 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion: 97 Resp: 162151
Ion Ratio Lower Upper
97 100
99 60.8 53.4 80.0
61 44.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.834 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 65 Resp: 239304

Ion Ratio Lower Upper

65 100

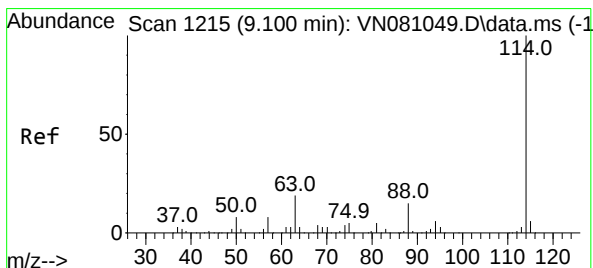
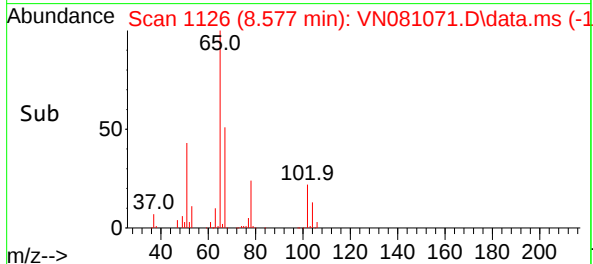
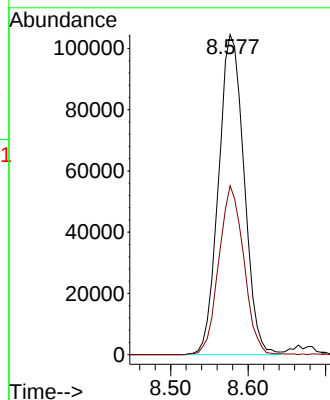
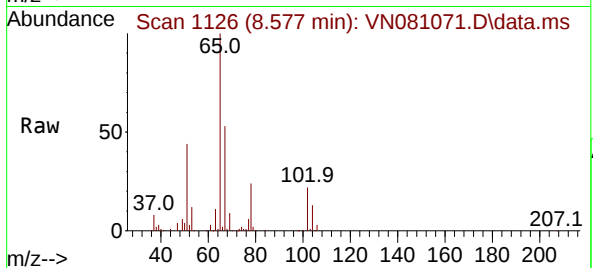
67 51.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

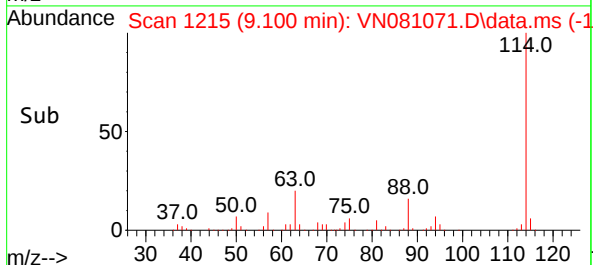
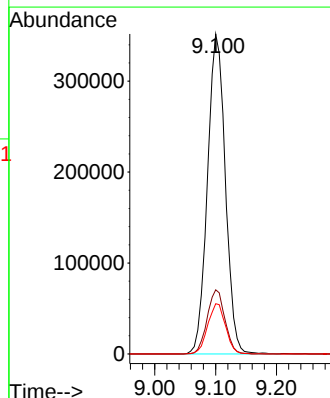
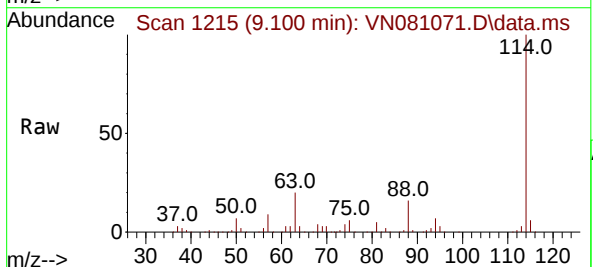
Tgt Ion:114 Resp: 718116

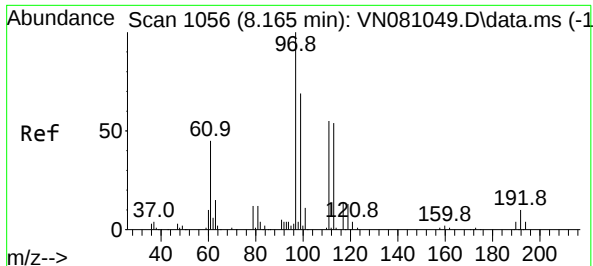
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.095 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 113 Resp: 20342

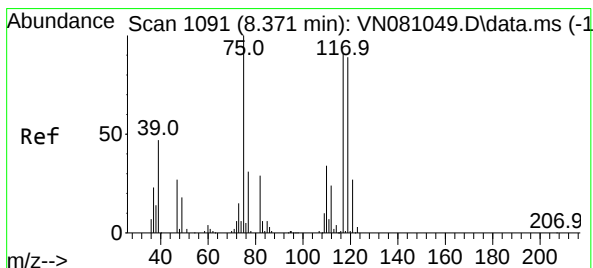
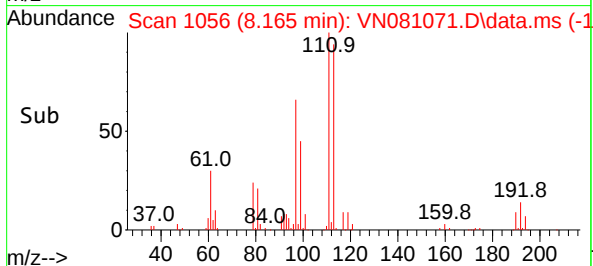
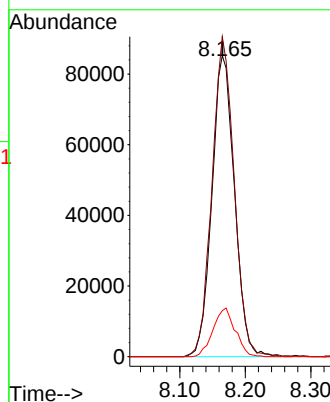
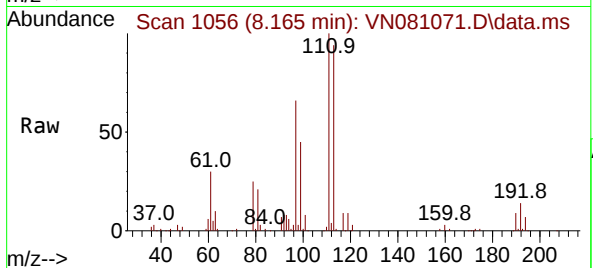
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	15.9	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#36

1,1-Dichloropropene

Concen: 18.934 ug/l

RT: 8.371 min Scan# 1091

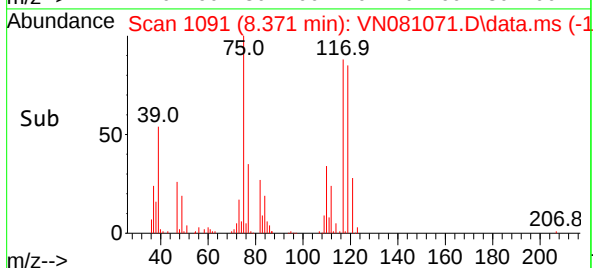
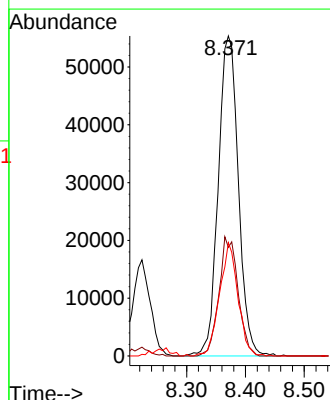
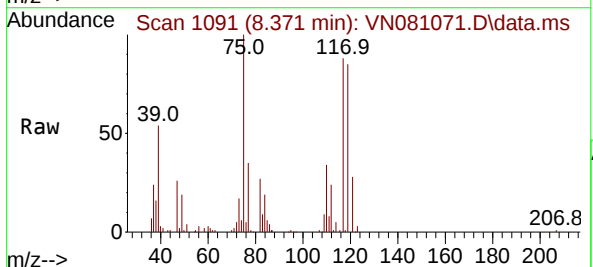
Delta R.T. -0.000 min

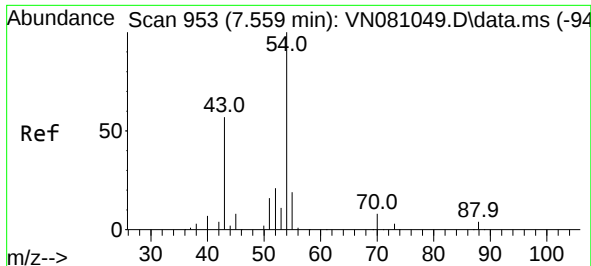
Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Tgt Ion: 75 Resp: 131725

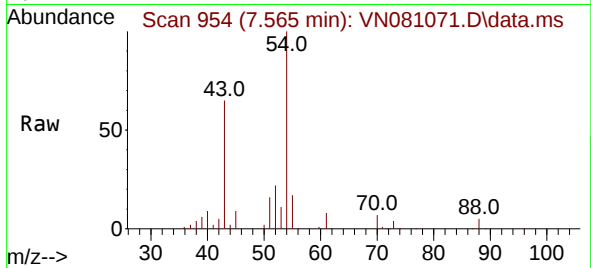
Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.0	48.0
77	32.5	25.8	38.6





#37
Ethyl Acetate
Concen: 18.046 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

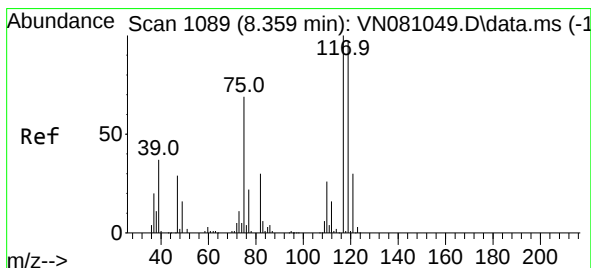
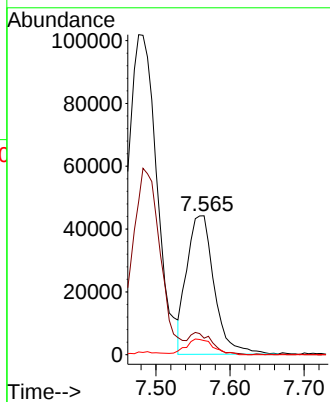
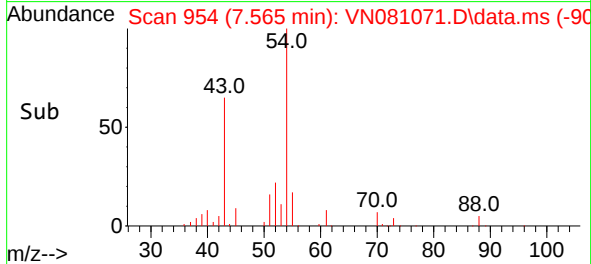
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 43 Resp: 113300
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 11.2 8.0 12.0

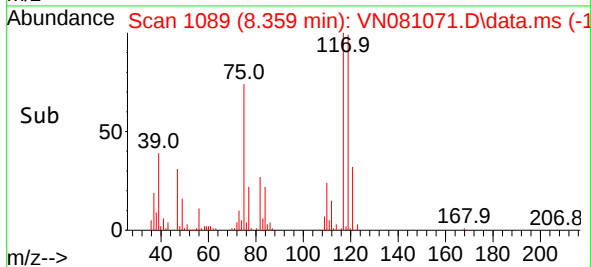
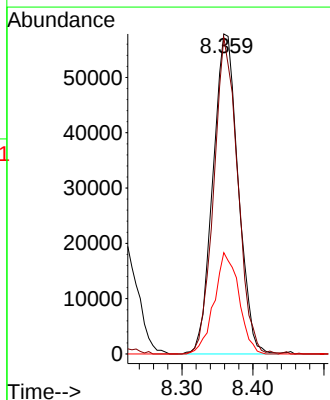
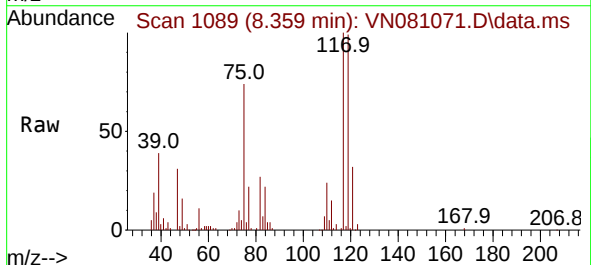
Manual Integrations
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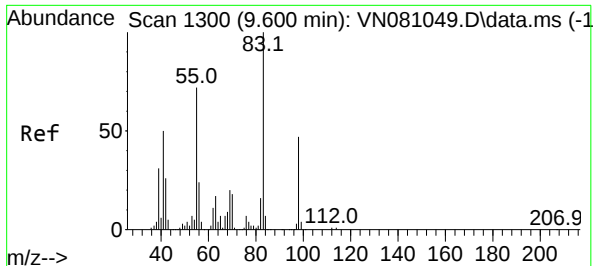
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 20.267 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion:117 Resp: 142651
Ion Ratio Lower Upper
117 100
119 98.9 73.4 110.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 19.340 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081071.D

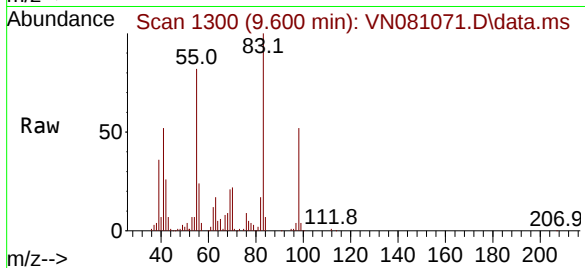
Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01



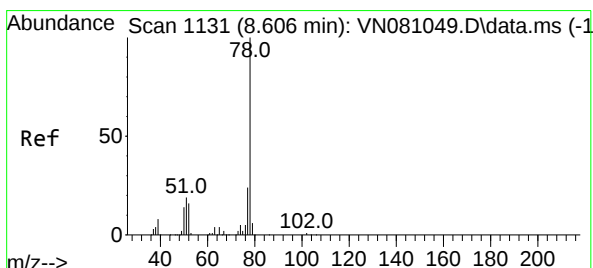
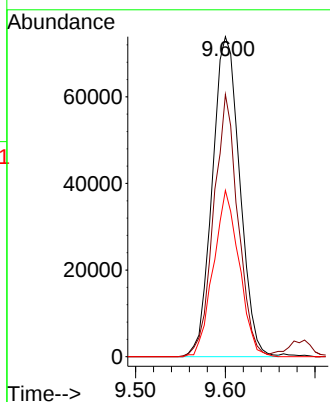
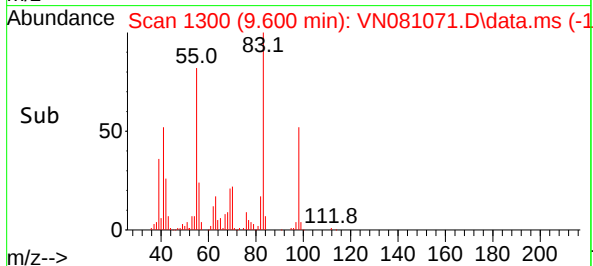
Tgt Ion:	83	Resp:	15684
Ion Ratio	Lower	Upper	
83	100		
55	81.9	65.7	98.5
98	52.0	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#40

Benzene

Concen: 19.881 ug/l

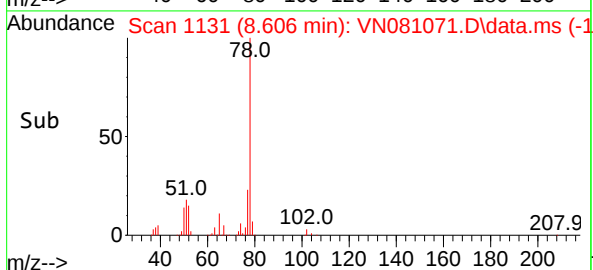
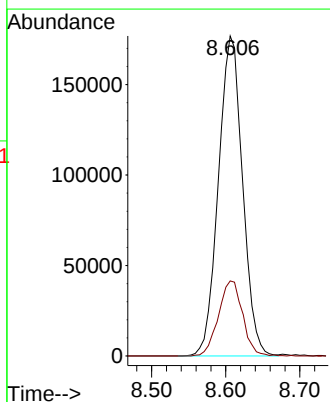
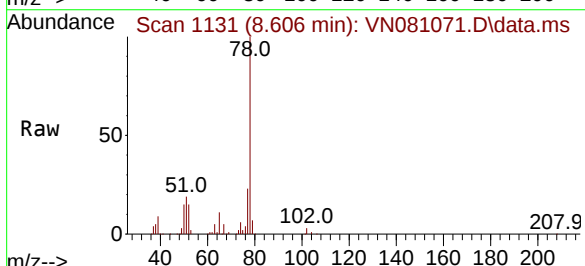
RT: 8.606 min Scan# 1131

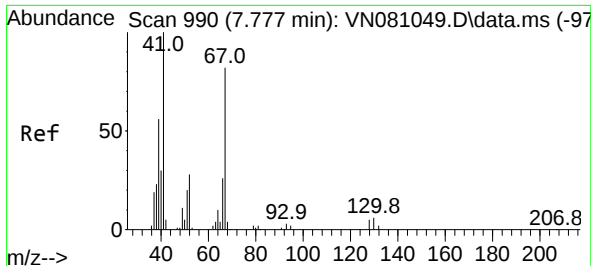
Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Tgt Ion:	78	Resp:	400345
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.4	30.6





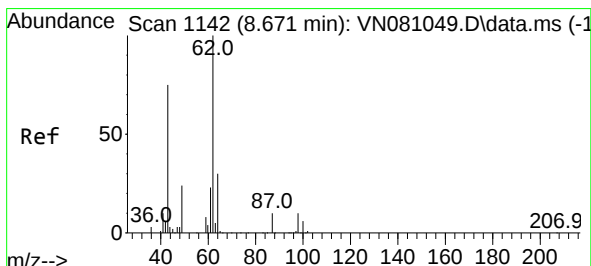
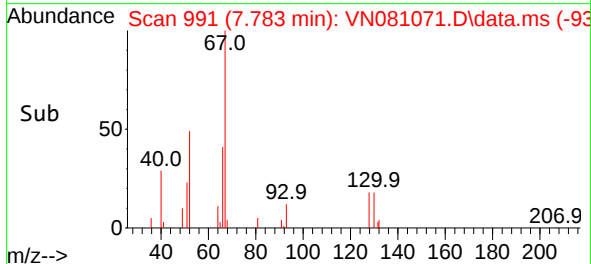
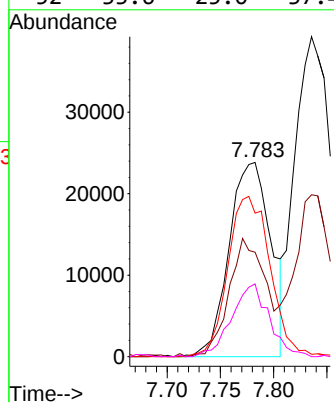
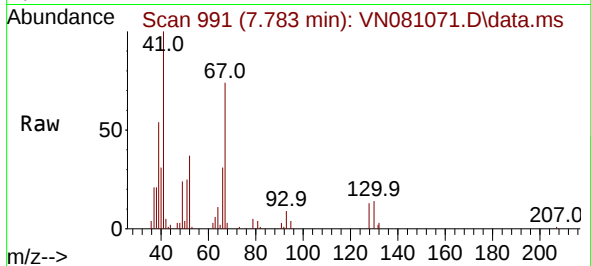
#41
Methacrylonitrile
Concen: 18.191 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 41 Resp: 6500
Ion Ratio Lower Upper
41 100
39 52.3 48.4 72.6
67 83.7 56.8 85.2
52 33.6 25.0 37.4

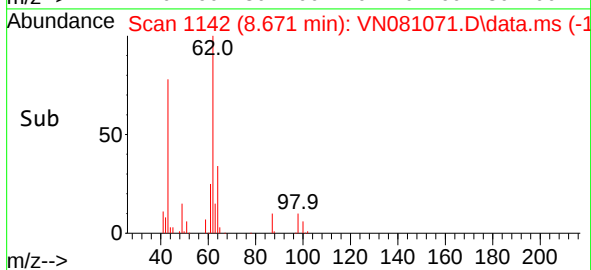
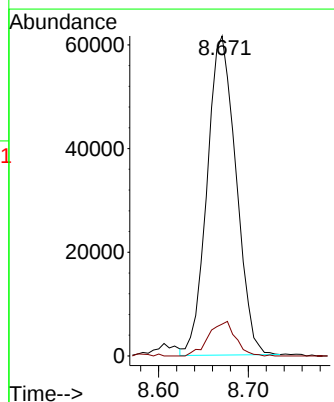
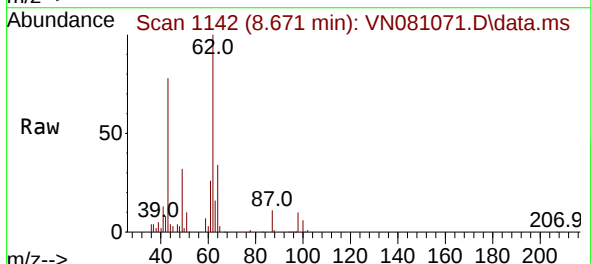
Manual Integrations
APPROVED

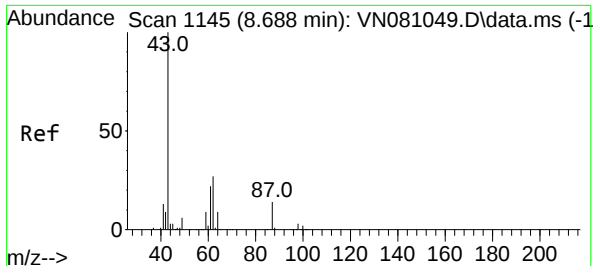
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 19.591 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion: 62 Resp: 137634
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 19.202 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 43 Resp: 210854

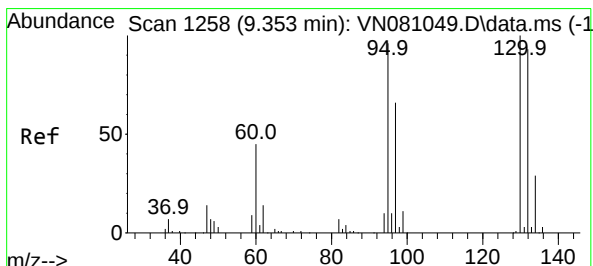
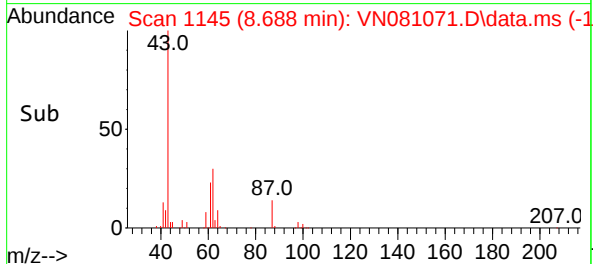
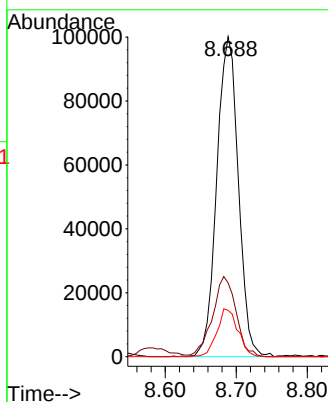
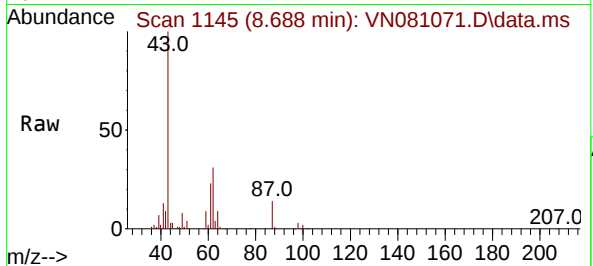
Ion	Ratio	Lower	Upper
43	100		
61	27.4	19.9	29.9
87	14.6	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 18.877 ug/l

RT: 9.353 min Scan# 1258

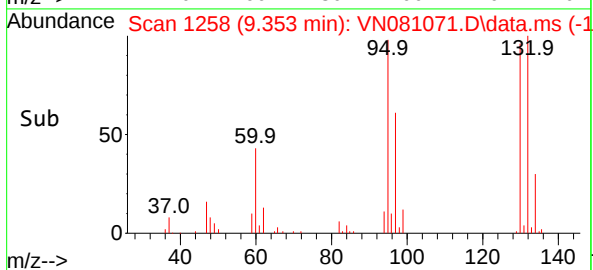
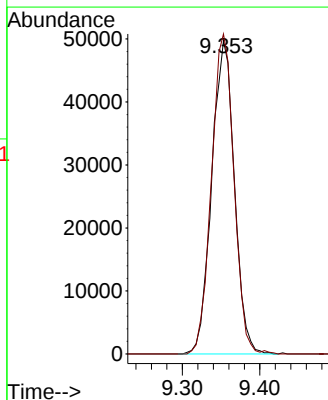
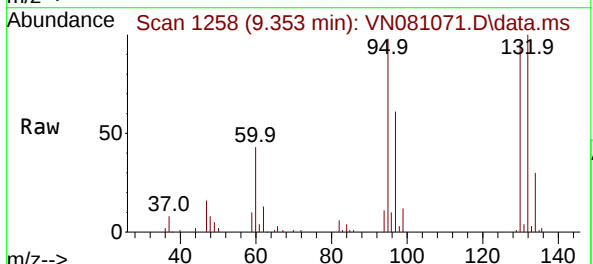
Delta R.T. -0.000 min

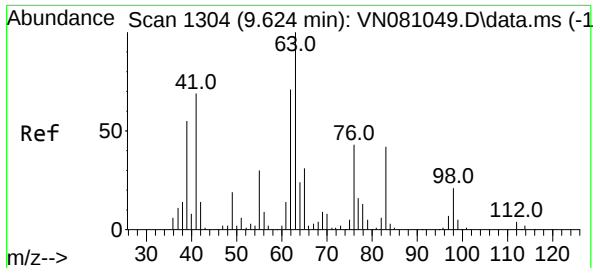
Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Tgt Ion:130 Resp: 101243

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	210.4





#45

1,2-Dichloropropane

Concen: 19.550 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 63 Resp: 9847

Ion Ratio Lower Upper

63 100

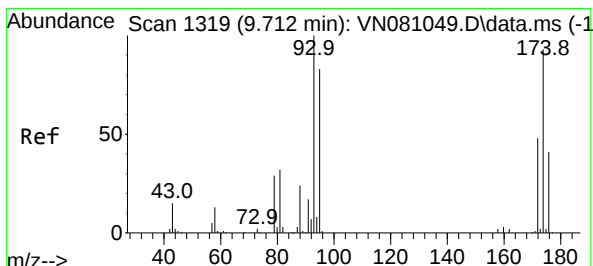
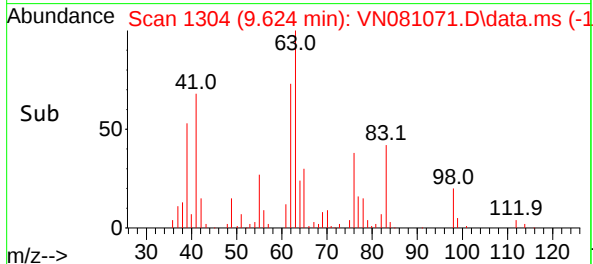
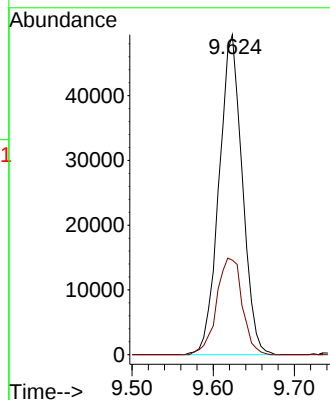
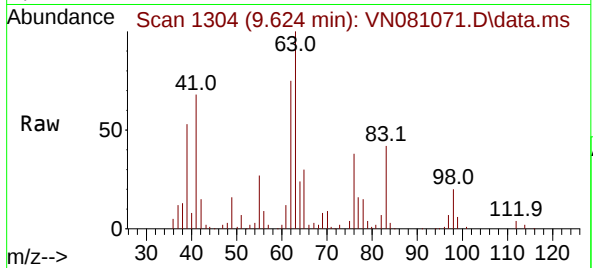
65 29.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 19.656 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

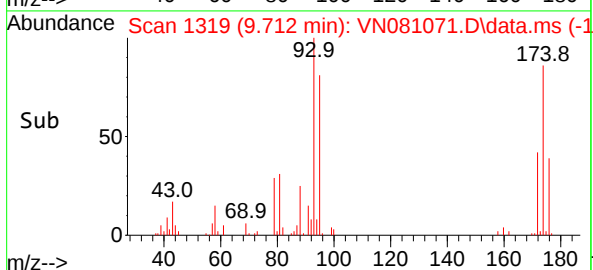
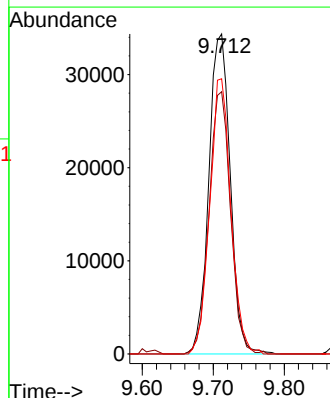
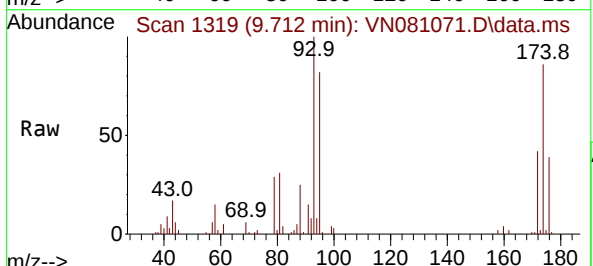
Tgt Ion: 93 Resp: 72140

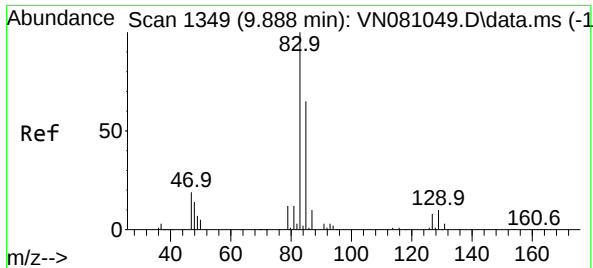
Ion Ratio Lower Upper

93 100

95 82.0 68.1 102.1

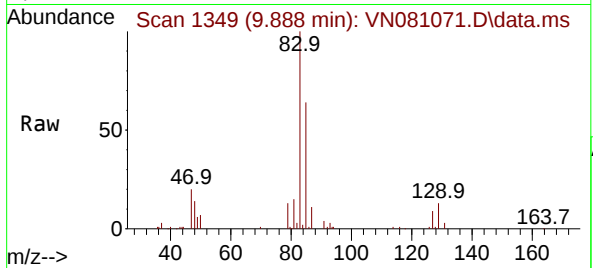
174 84.7 57.2 85.8





#47
Bromodichloromethane
Concen: 19.780 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

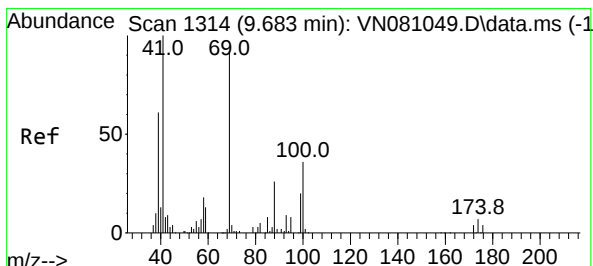
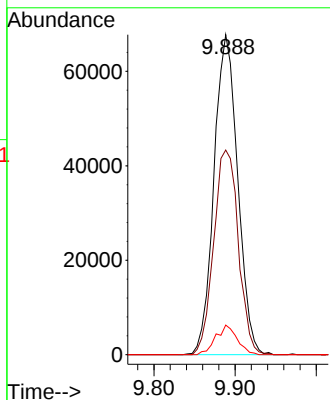
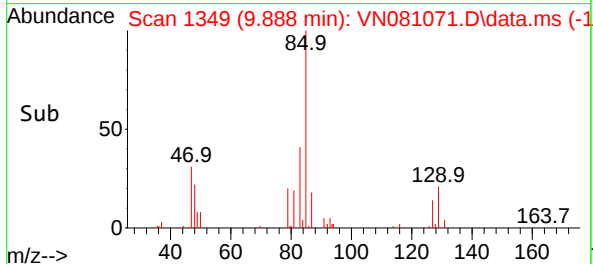
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



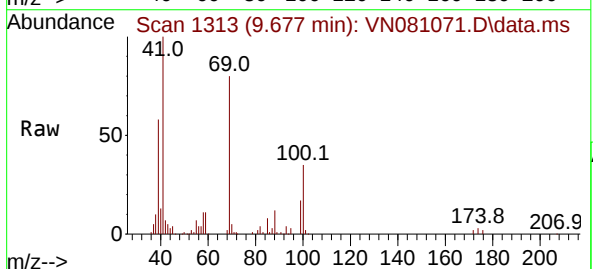
Tgt Ion: 83 Resp: 13749
Ion Ratio Lower Upper
83 100
85 63.9 52.3 78.5
127 9.3 4.6 7.0

Manual Integrations
APPROVED

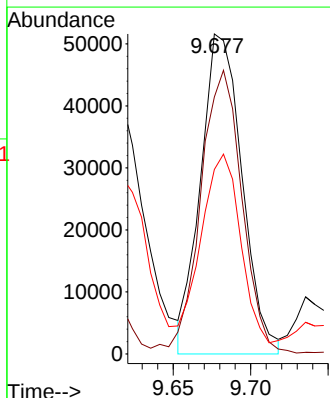
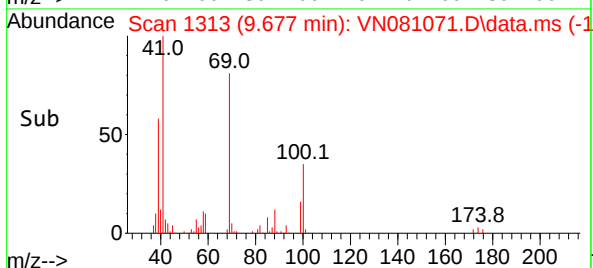
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

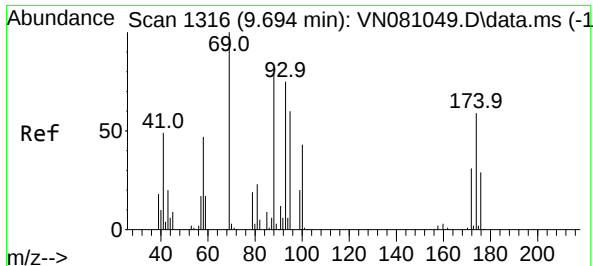


#48
Methyl methacrylate
Concen: 18.791 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



Tgt Ion: 41 Resp: 96013
Ion Ratio Lower Upper
41 100
69 88.0 62.2 93.2
39 63.8 47.6 71.4





#49

1,4-Dioxane

Concen: 368.353 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 88 Resp: 37000

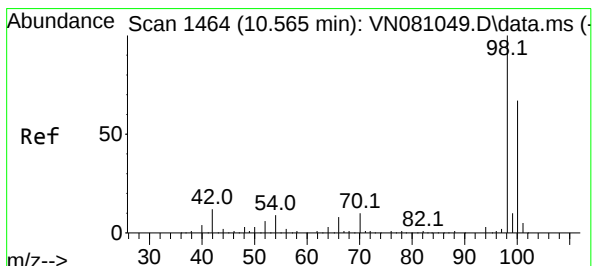
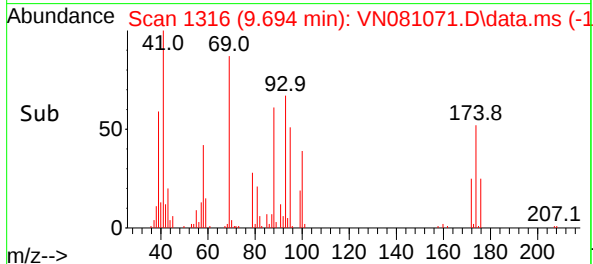
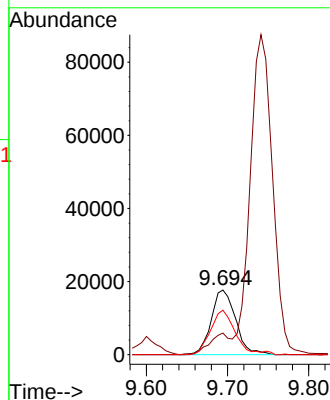
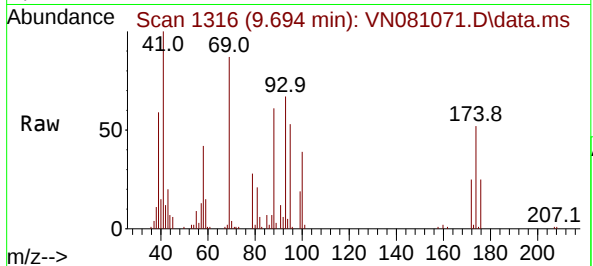
Ion	Ratio	Lower	Upper
88	100		
43	29.2	30.1	45.1
58	69.8	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 10.565 min Scan# 1464

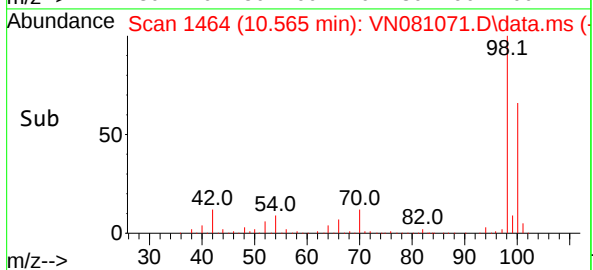
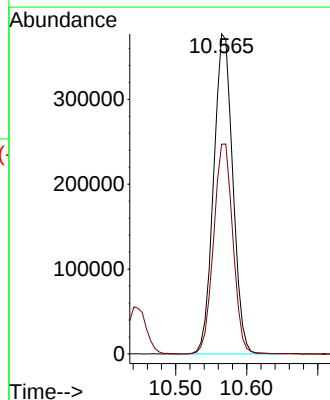
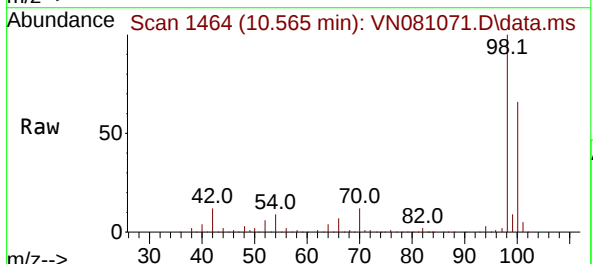
Delta R.T. -0.000 min

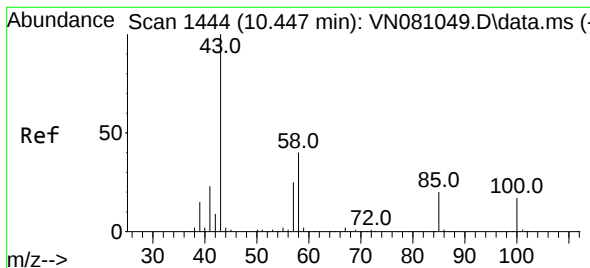
Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Tgt Ion: 98 Resp: 704922

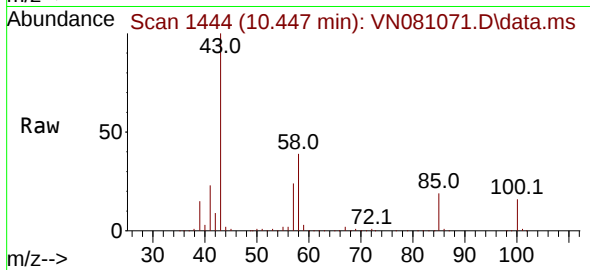
Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 95.799 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

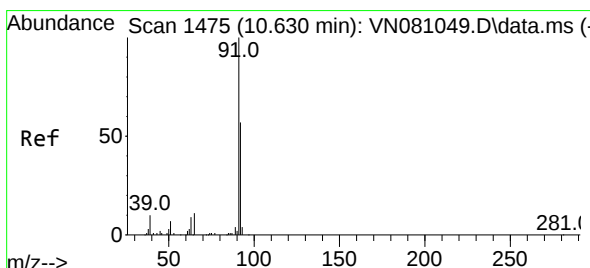
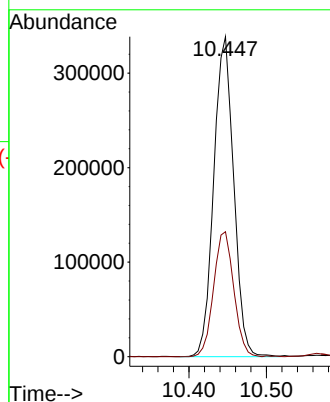
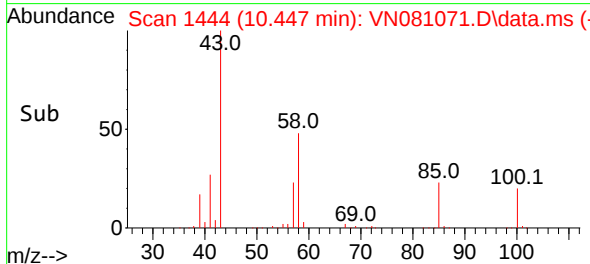
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



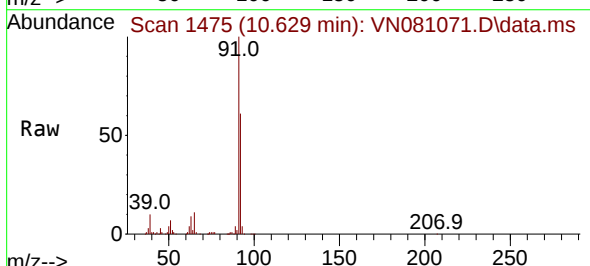
Tgt Ion: 43 Resp: 60514
Ion Ratio Lower Upper
43 100
58 39.5 29.4 44.0

Manual Integrations
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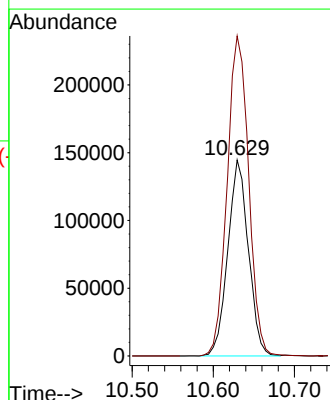
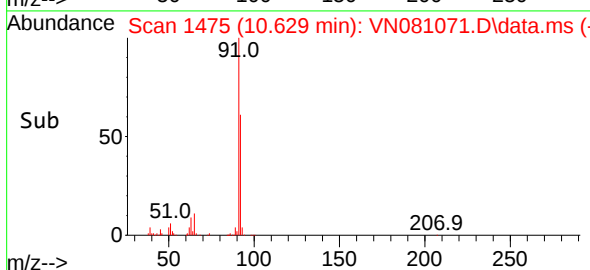
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

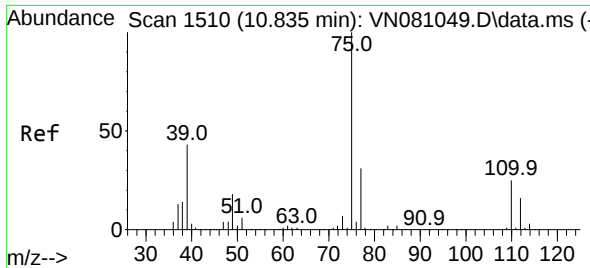


#52
Toluene
Concen: 19.956 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



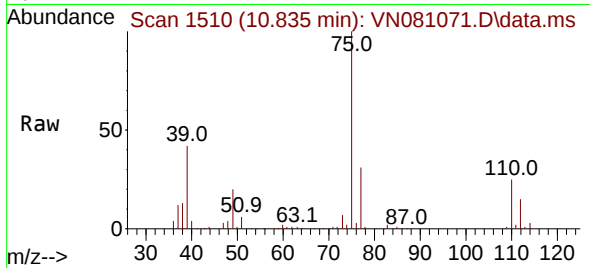
Tgt Ion: 92 Resp: 254403
Ion Ratio Lower Upper
92 100
91 170.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.797 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

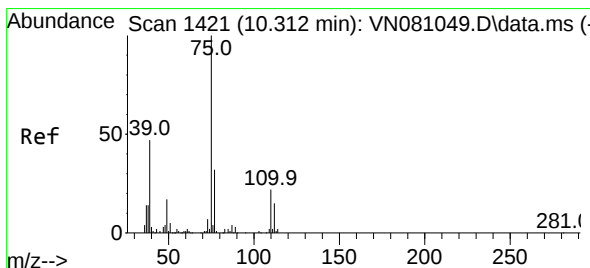
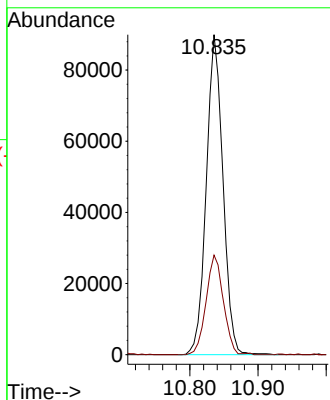
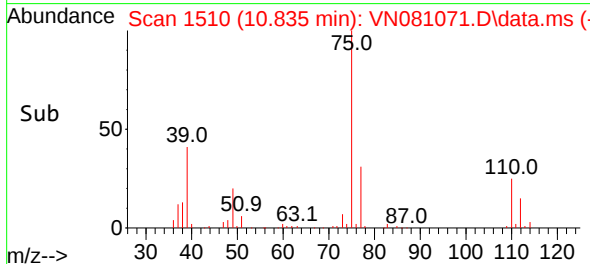
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



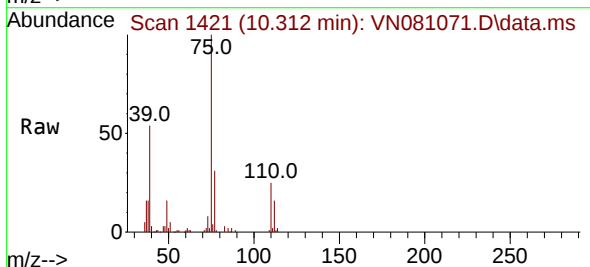
Tgt Ion: 75 Resp: 152920
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

Manual Integrations
APPROVED

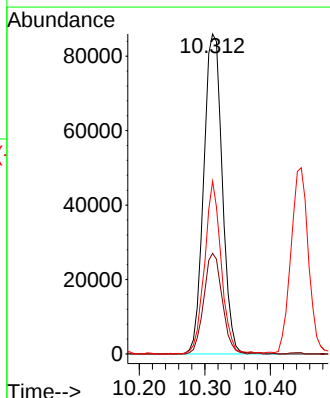
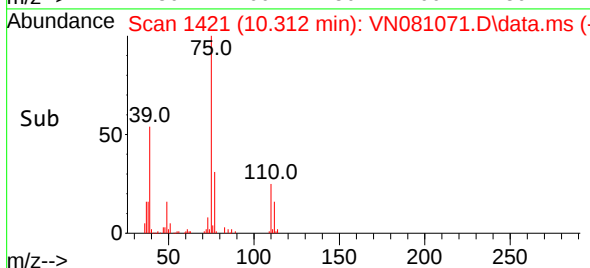
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

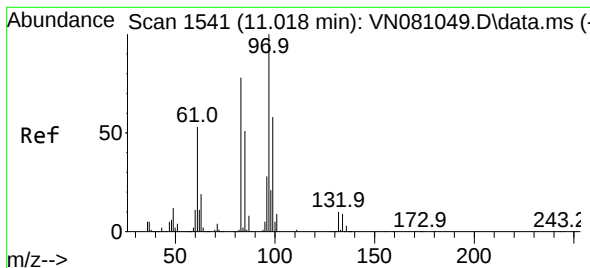


#54
cis-1,3-Dichloropropene
Concen: 20.259 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



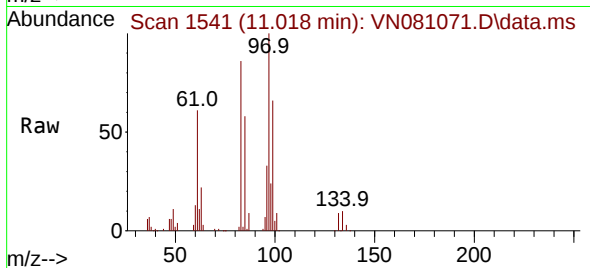
Tgt Ion: 75 Resp: 169074
Ion Ratio Lower Upper
75 100
77 31.4 23.3 34.9
39 53.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.023 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

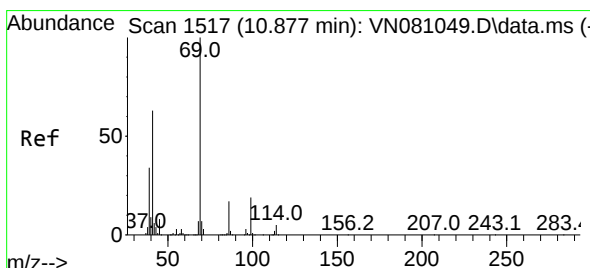
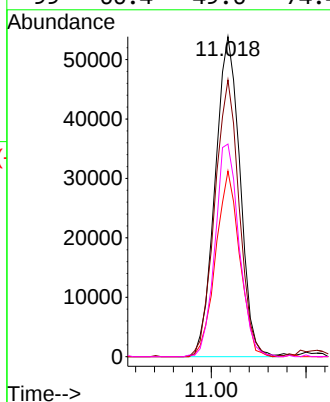
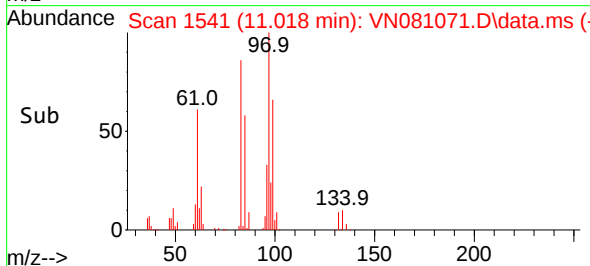
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



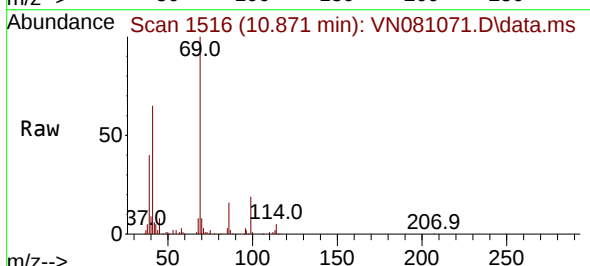
Tgt Ion: 97	Resp: 98174
Ion Ratio	Lower Upper
97 100	
83 86.5	72.9 109.3
85 58.0	50.2 75.2
99 66.4	49.6 74.4

Manual Integrations
APPROVED

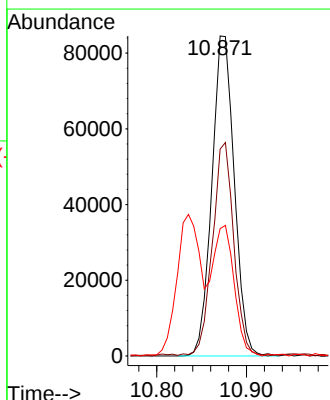
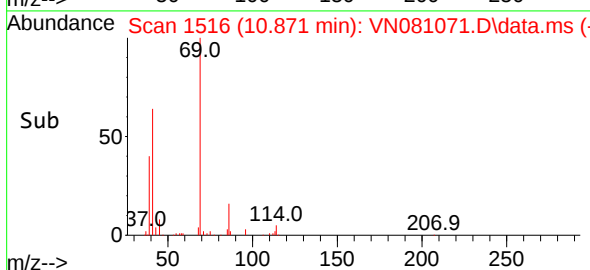
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#56
Ethyl methacrylate
Concen: 19.604 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



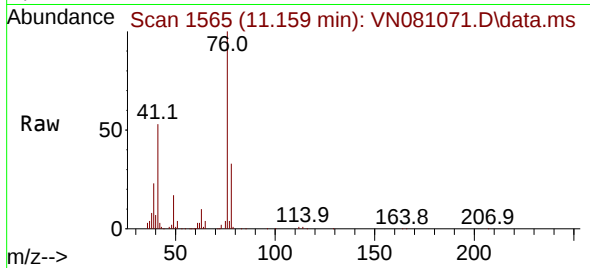
Tgt Ion: 69	Resp: 146905
Ion Ratio	Lower Upper
69 100	
41 63.7	61.0 91.6
39 40.3	31.8 47.6





#57
1,3-Dichloropropane
Concen: 20.095 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

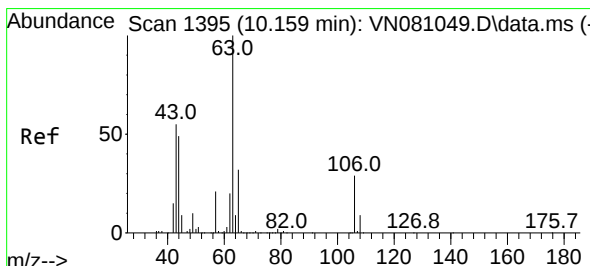
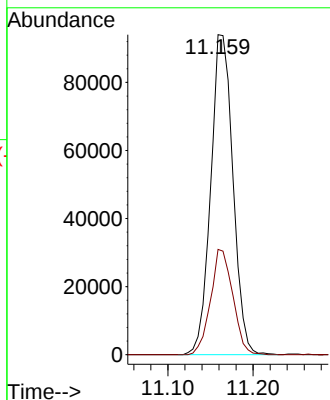
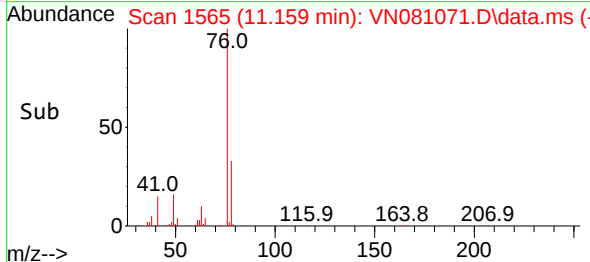
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 76 Resp: 170359
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3

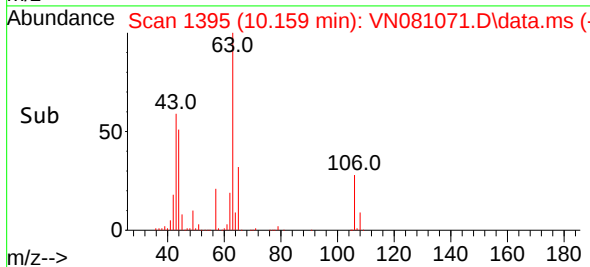
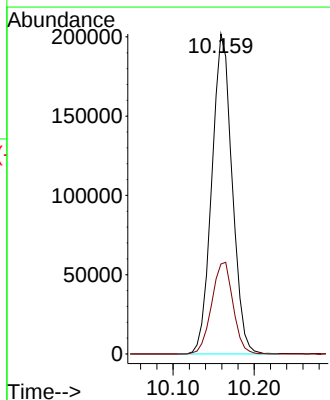
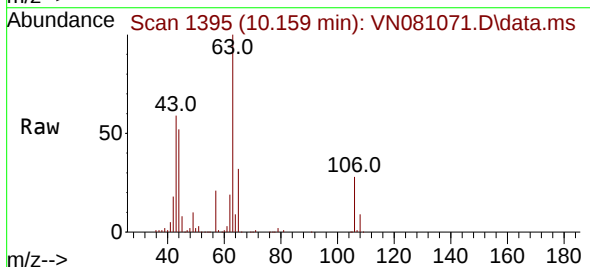
Manual Integrations
APPROVED

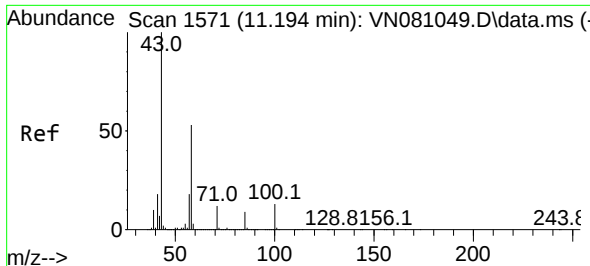
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.493 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

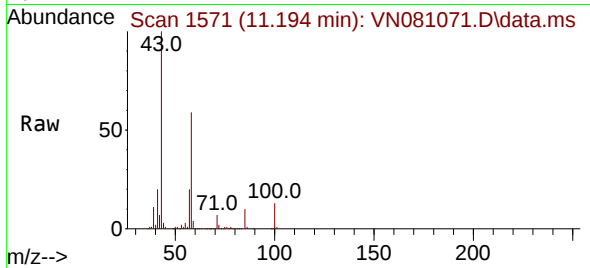
Tgt Ion: 63 Resp: 351522
Ion Ratio Lower Upper
63 100
106 30.1 18.6 28.0#





#59
2-Hexanone
Concen: 87.063 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

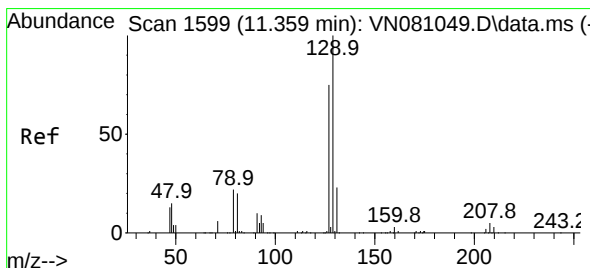
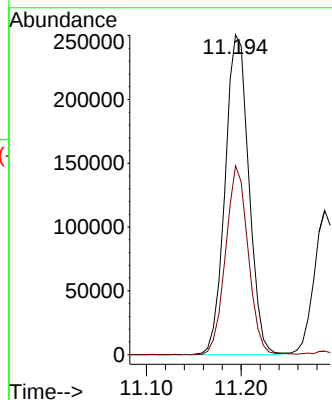
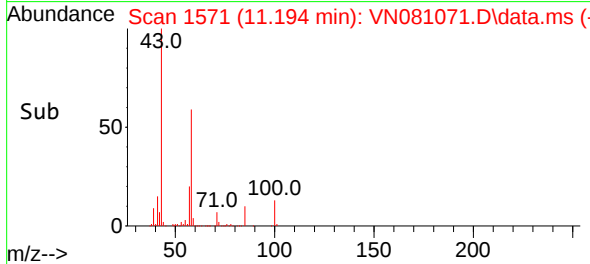
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



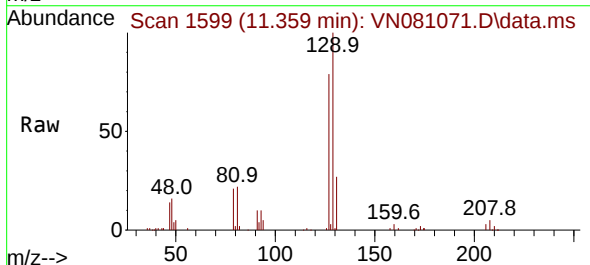
Tgt Ion: 43 Resp: 436010
Ion Ratio Lower Upper
43 100
58 56.2 25.9 77.8

Manual Integrations
APPROVED

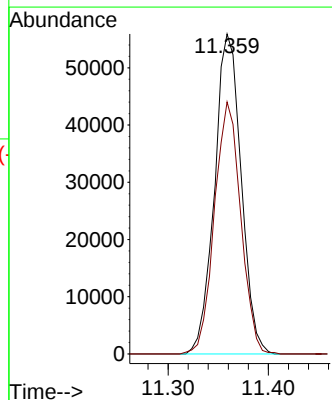
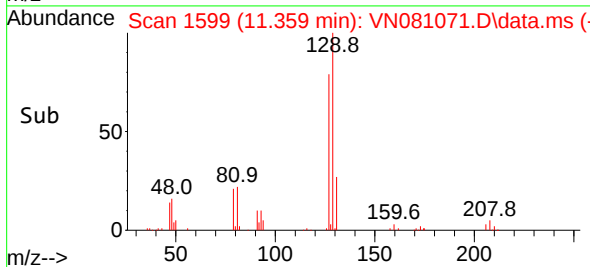
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

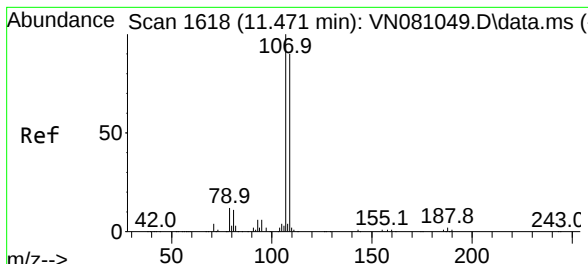


#60
Dibromochloromethane
Concen: 19.796 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



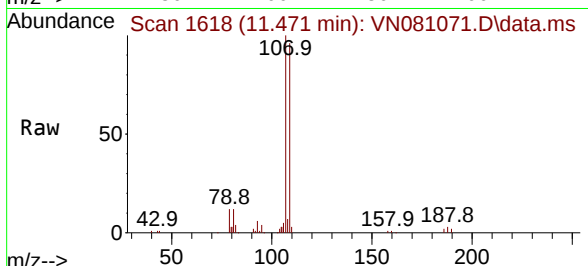
Tgt Ion:129 Resp: 103112
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
 1,2-Dibromoethane
 Concen: 19.472 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

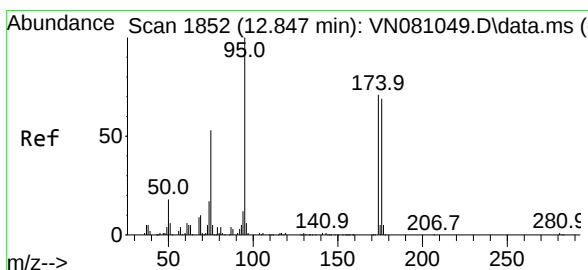
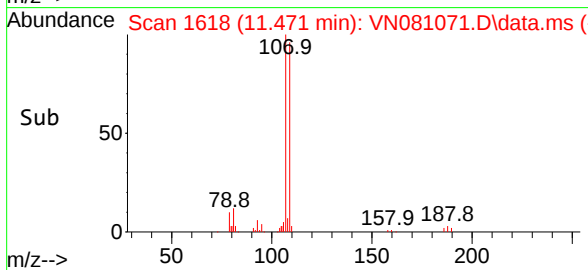
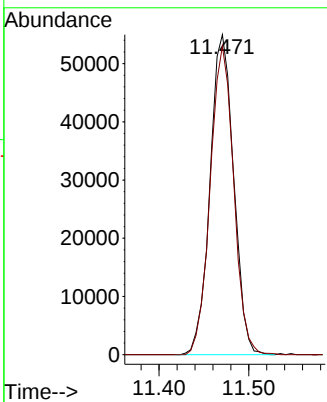
Instrument : MSVOA_N
 ClientSampleId : VN0219WBSD01



Tgt Ion:	107	Resp:	10039
Ion Ratio	Lower	Upper	
107	100		
109	95.9	73.4	110.2

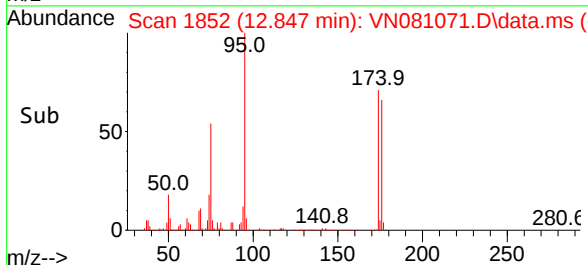
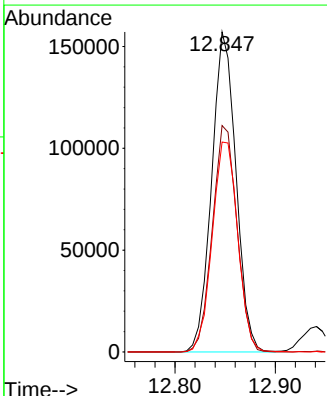
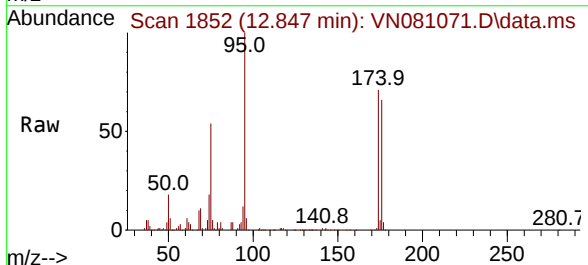
Manual Integrations
 APPROVED

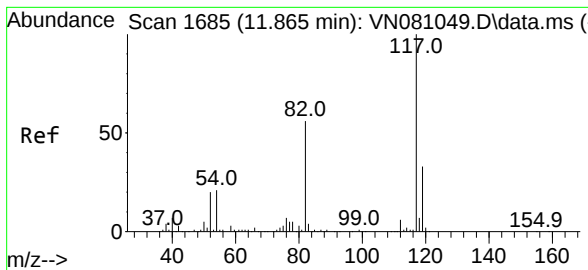
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#62
 4-Bromofluorobenzene
 Concen: 48.674 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

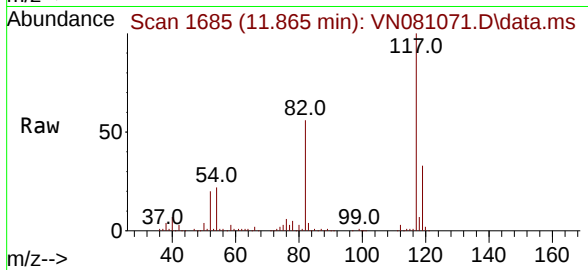
Tgt Ion:	95	Resp:	263783
Ion Ratio	Lower	Upper	
95	100		
174	71.5	0.0	120.4
176	69.0	0.0	121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

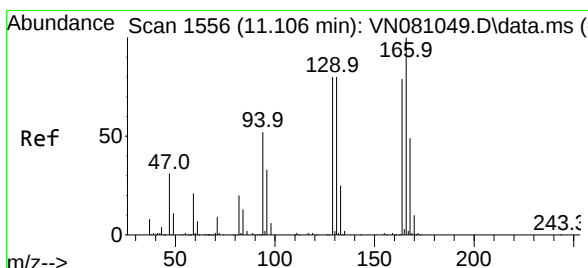
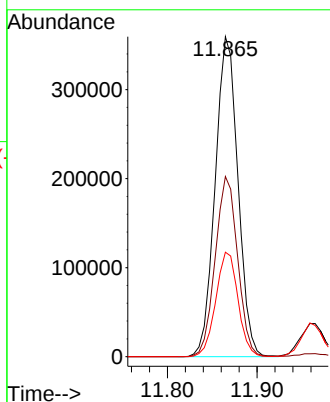
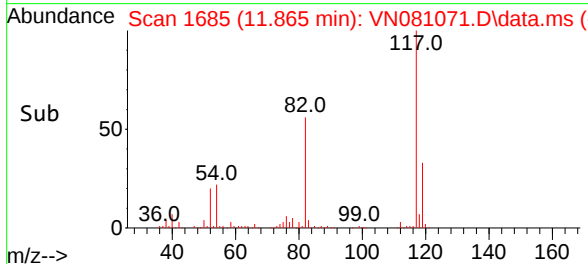
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



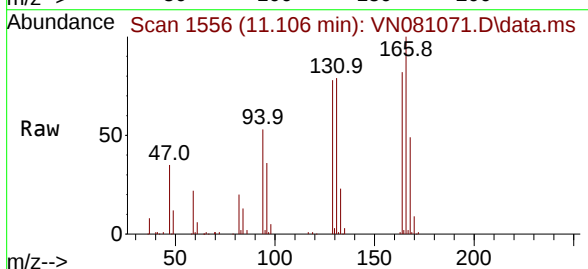
Tgt Ion:117 Resp: 633278
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 32.7 25.3 37.9

Manual Integrations
APPROVED

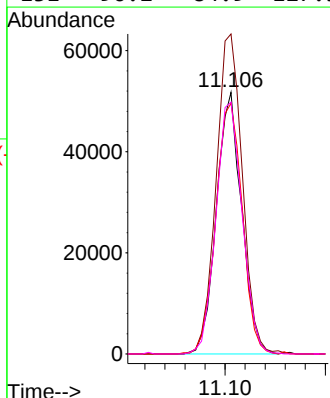
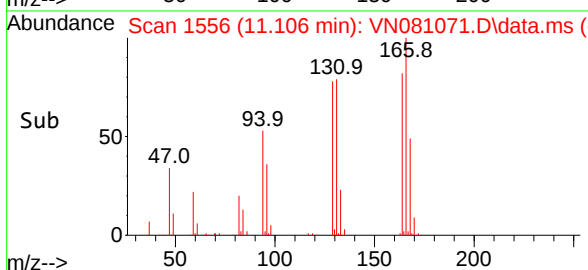
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

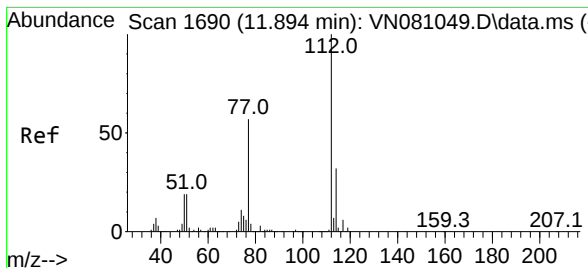


#64
Tetrachloroethene
Concen: 20.944 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



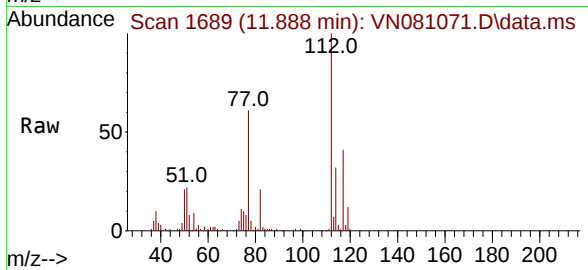
Tgt Ion:164 Resp: 90522
Ion Ratio Lower Upper
164 100
166 122.3 105.8 158.6
129 95.8 89.6 134.4
131 96.2 84.9 127.3





#65
Chlorobenzene
Concen: 19.016 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

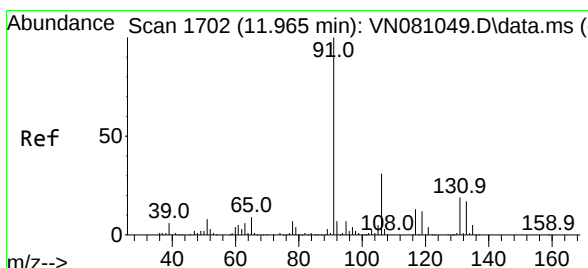
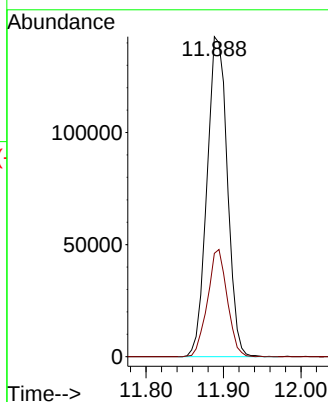
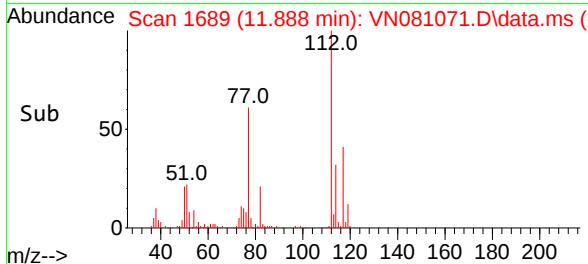
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:112 Resp: 260632
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

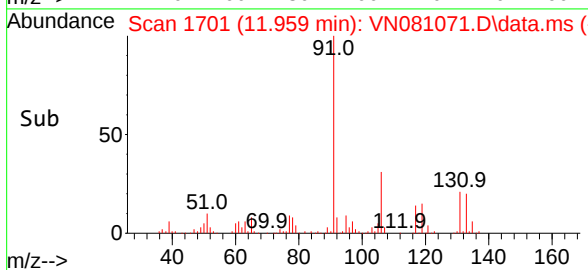
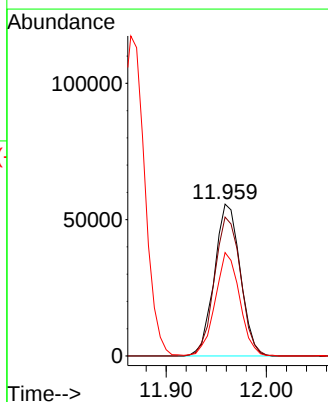
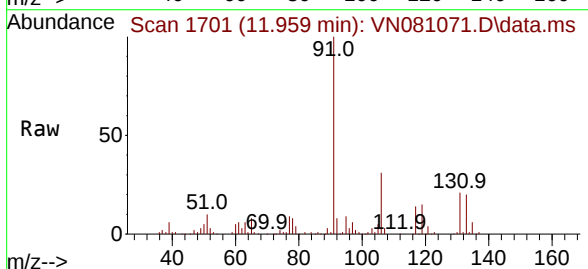
Manual Integrations
APPROVED

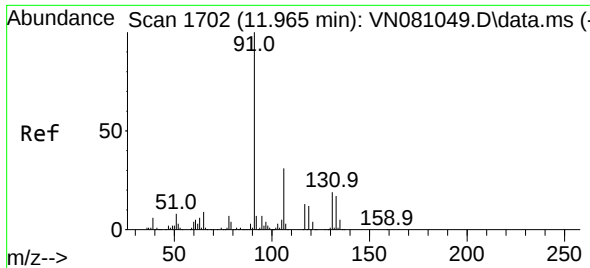
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.324 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

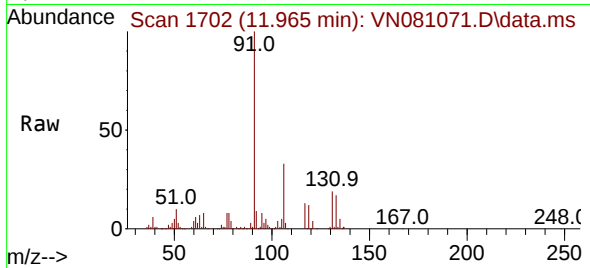
Tgt Ion:131 Resp: 100054
Ion Ratio Lower Upper
131 100
133 92.7 46.8 140.3
119 64.6 34.6 103.9





#67
Ethyl Benzene
Concen: 19.598 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

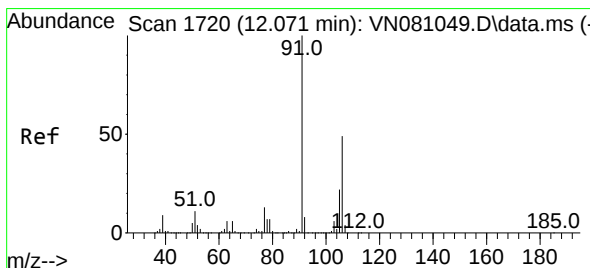
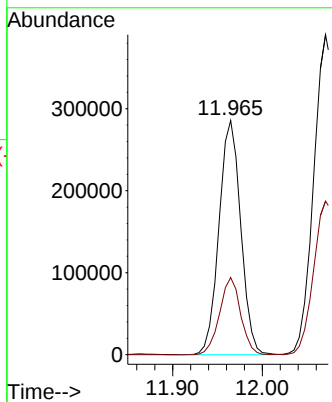
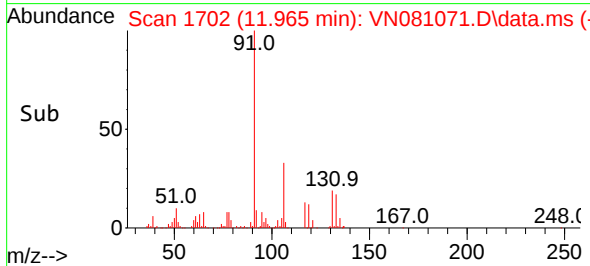
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



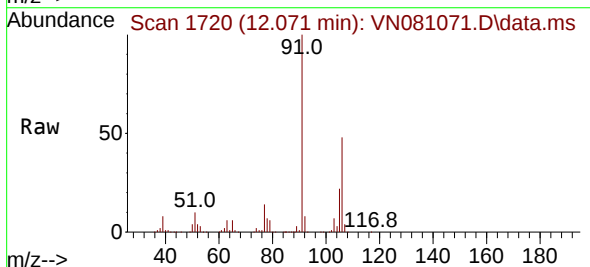
Tgt Ion: 91 Resp: 480649
Ion Ratio Lower Upper
91 100
106 32.9 23.8 35.6

Manual Integrations
APPROVED

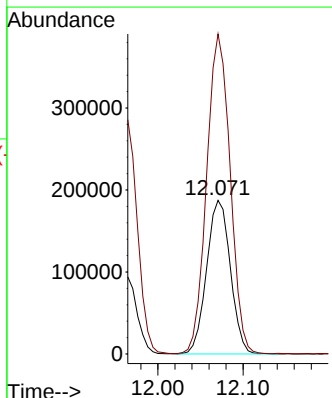
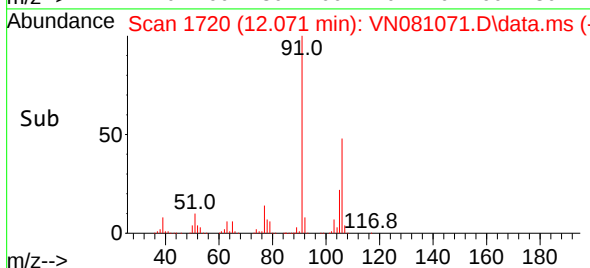
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

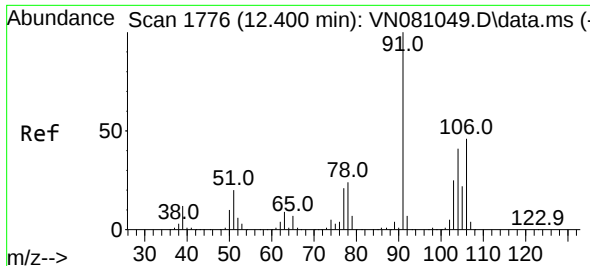


#68
m/p-Xylenes
Concen: 38.577 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



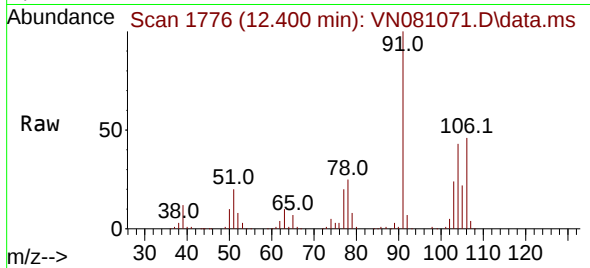
Tgt Ion:106 Resp: 362651
Ion Ratio Lower Upper
106 100
91 206.2 169.0 253.6





#69
o-Xylene
Concen: 19.173 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

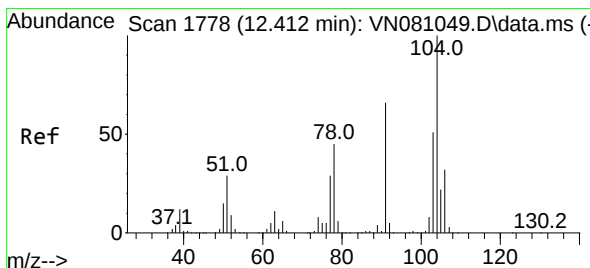
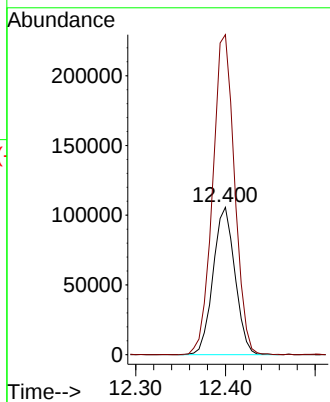
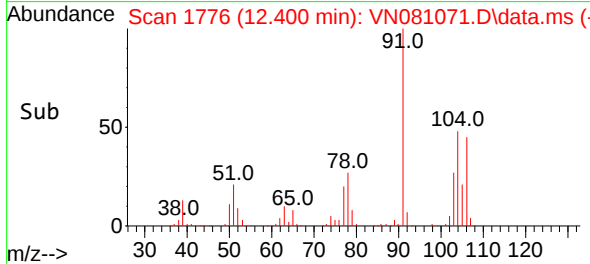
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:106 Resp: 178662
Ion Ratio Lower Upper
106 100
91 217.6 112.1 336.3

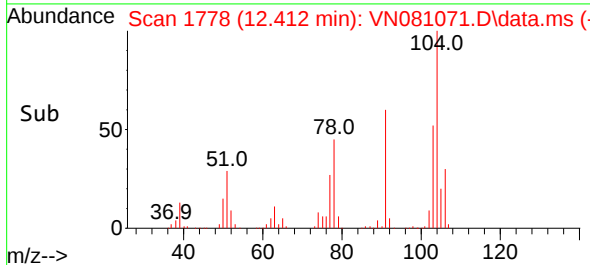
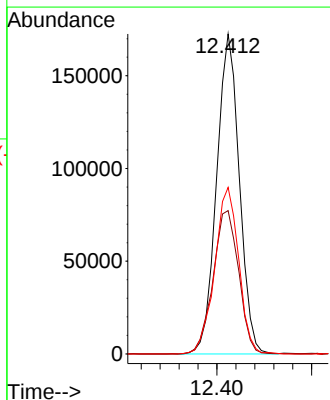
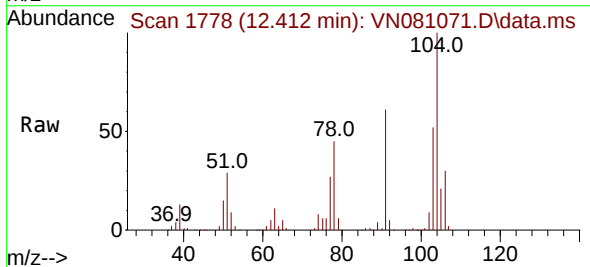
Manual Integrations
APPROVED

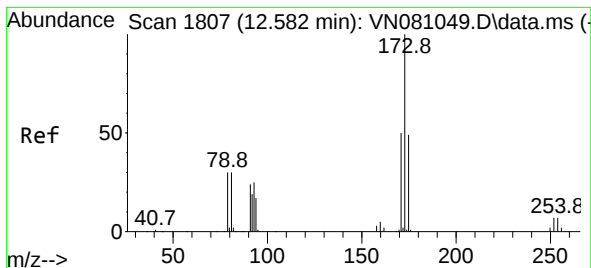
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 19.495 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion:104 Resp: 287869
Ion Ratio Lower Upper
104 100
78 50.5 43.8 65.8
103 54.9 44.2 66.2





#71

Bromoform

Concen: 19.726 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

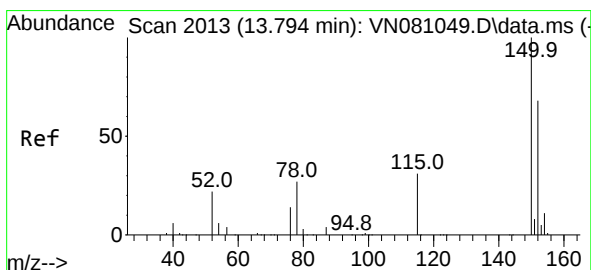
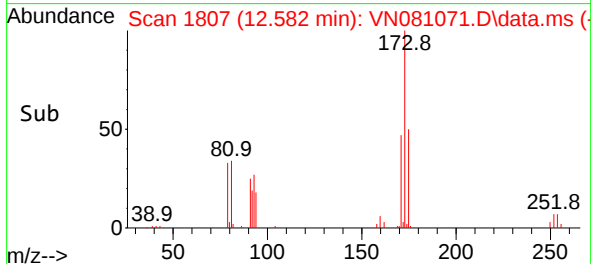
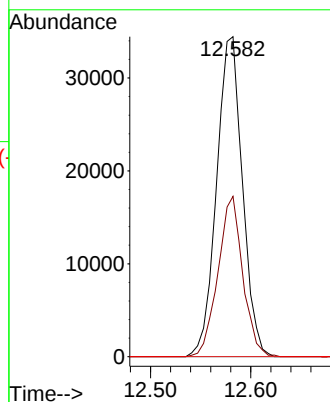
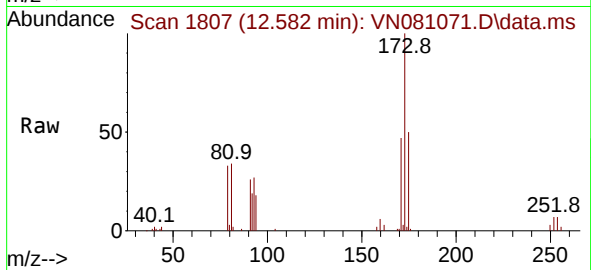
Tgt Ion:173 Resp: 61609
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

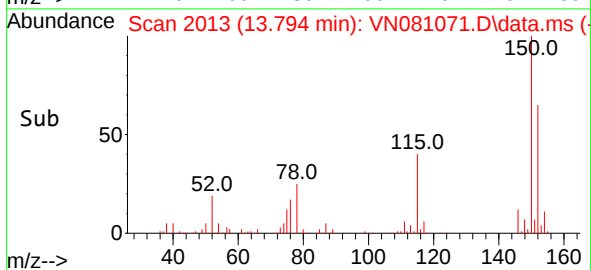
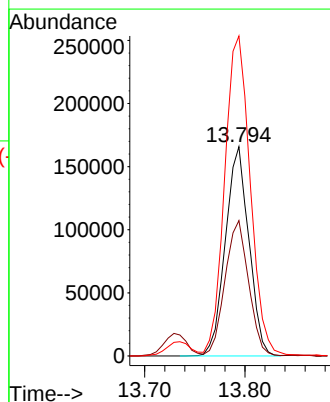
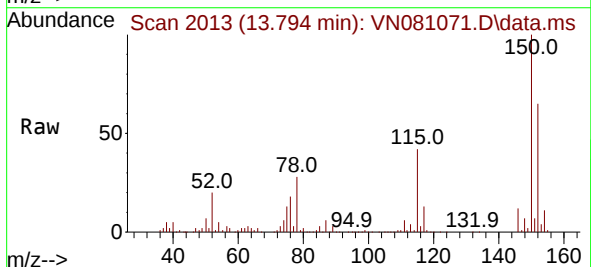
RT: 13.794 min Scan# 2013

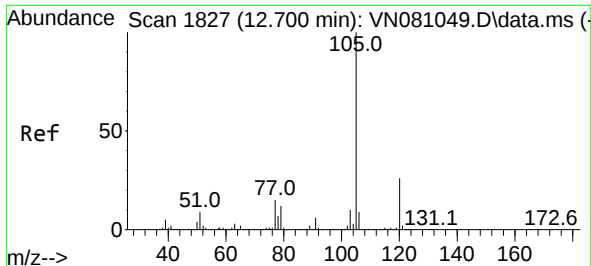
Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

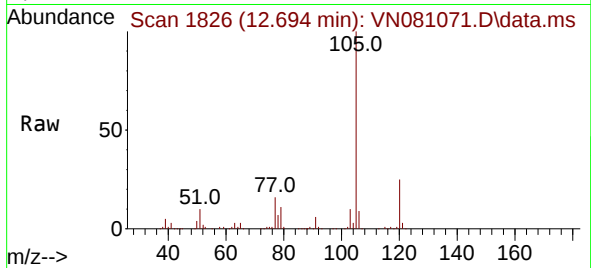
Tgt Ion:152 Resp: 269595
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 166.7 0.0 339.8





#73
Isopropylbenzene
Concen: 19.889 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

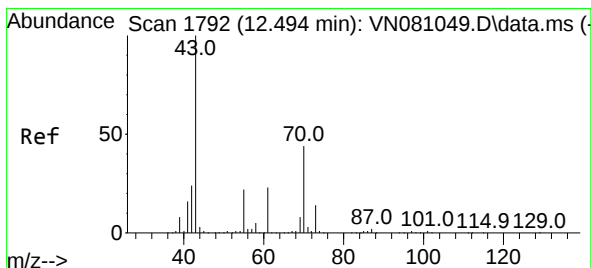
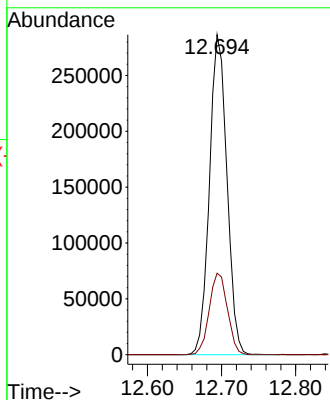
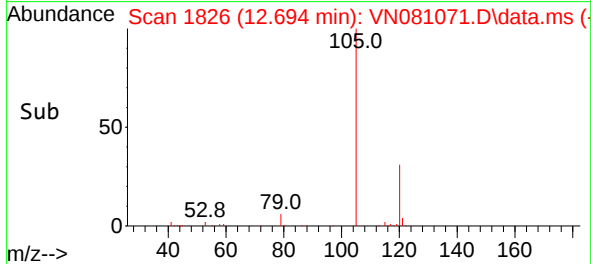
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion:105 Resp: 469130
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

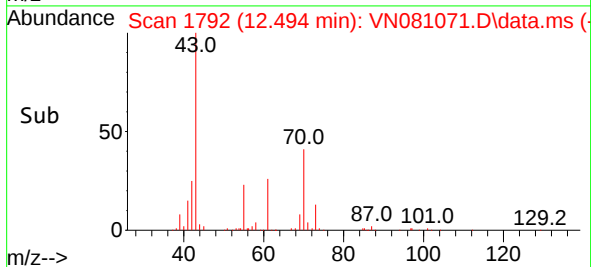
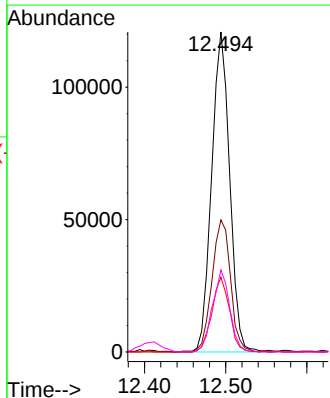
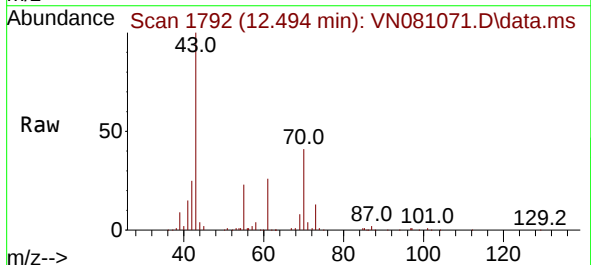
Manual Integrations
APPROVED

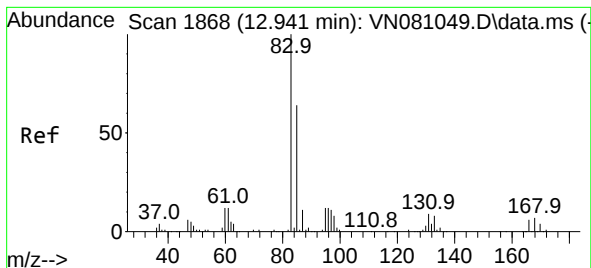
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#74
N-ethyl acetate
Concen: 18.737 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

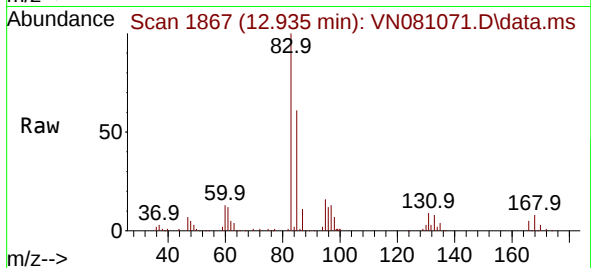
Tgt Ion: 43 Resp: 186791
Ion Ratio Lower Upper
43 100
70 42.4 30.1 45.1
55 22.7 17.0 25.4
61 24.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

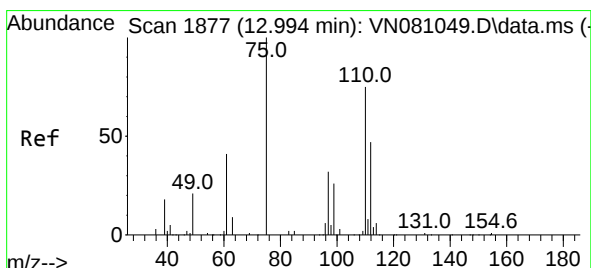
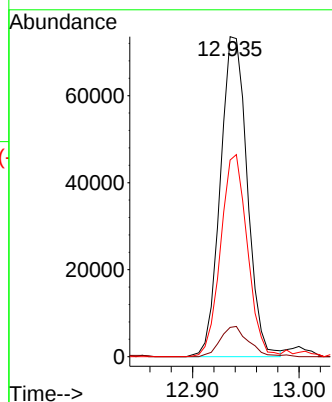
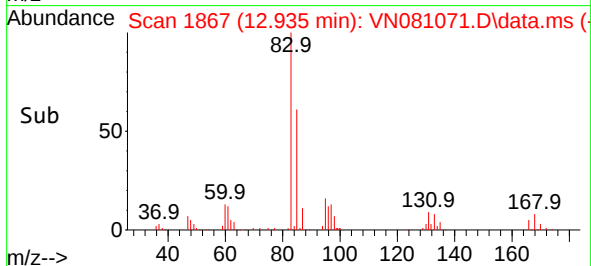
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



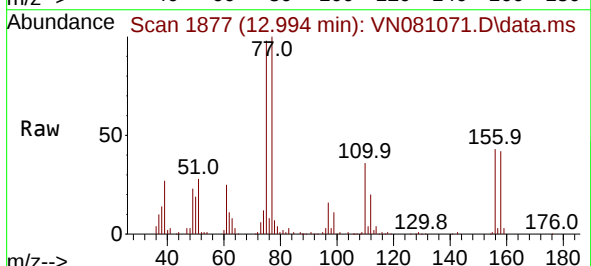
Tgt Ion: 83 Resp: 129054
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 62.6 32.1 96.3

Manual Integrations
APPROVED

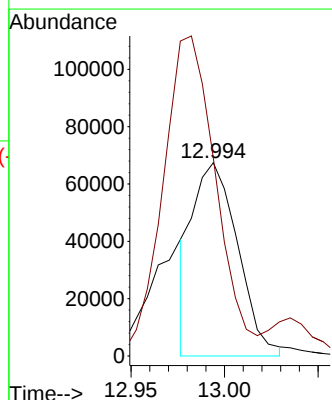
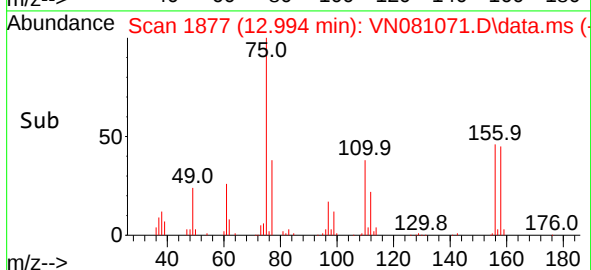
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

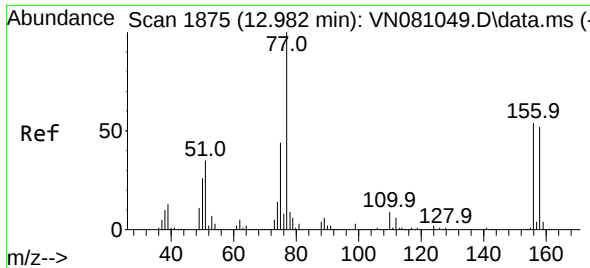


#76
1,2,3-Trichloropropane
Concen: 18.480 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



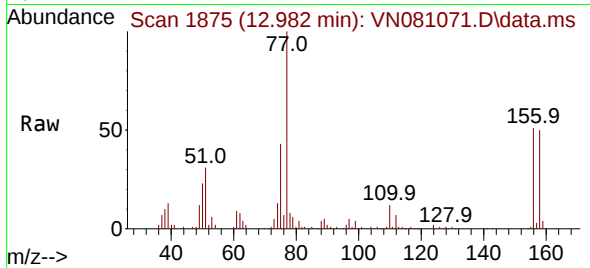
Tgt Ion: 75 Resp: 113200
Ion Ratio Lower Upper
75 100
77 194.8 91.0 272.8





#77
Bromobenzene
Concen: 19.471 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

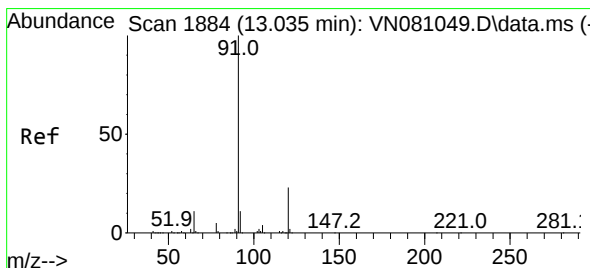
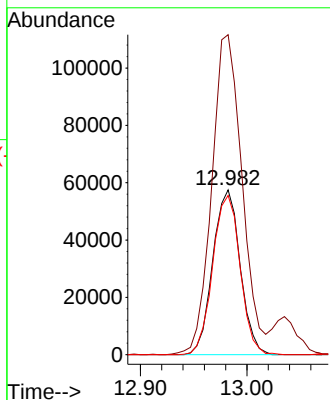
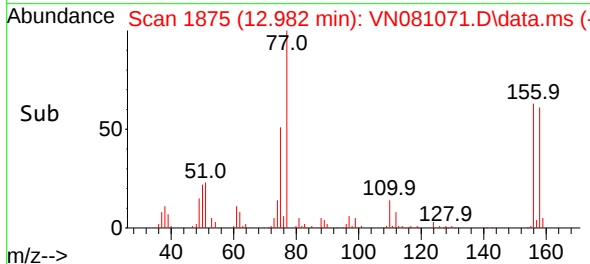
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



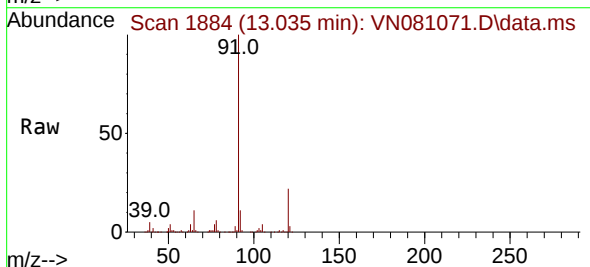
Tgt Ion:156 Resp: 102408
Ion Ratio Lower Upper
156 100
77 215.3 138.1 414.3
158 96.9 46.5 139.5

Manual Integrations
APPROVED

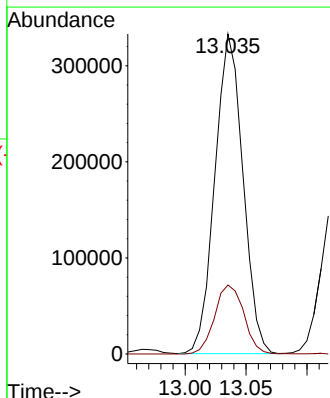
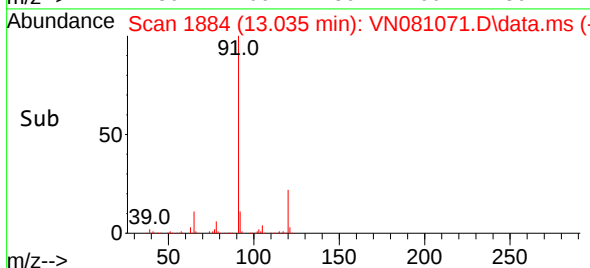
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

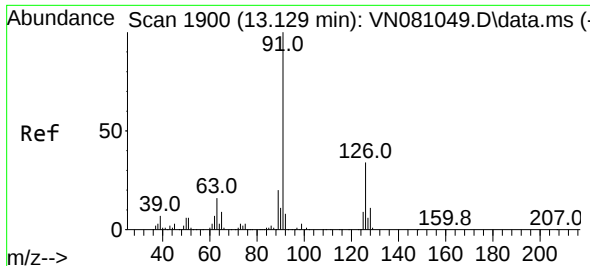


#78
n-propylbenzene
Concen: 19.632 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



Tgt Ion: 91 Resp: 533090
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





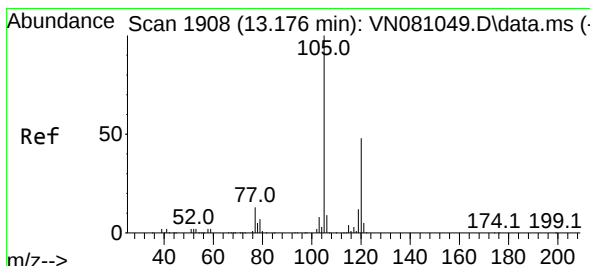
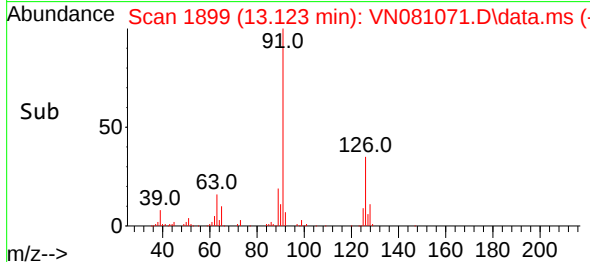
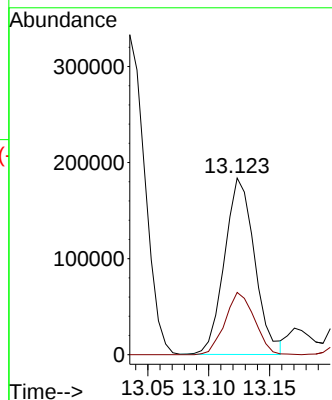
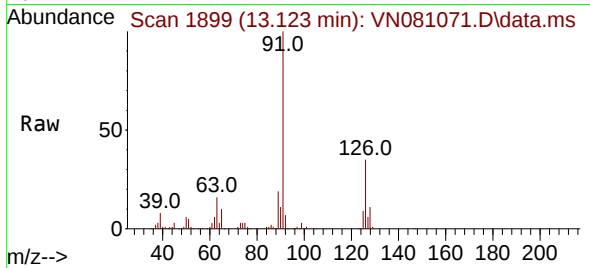
#79
2-Chlorotoluene
Concen: 19.035 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion: 91 Resp: 317039
Ion Ratio Lower Upper
91 100
126 34.3 14.8 44.4

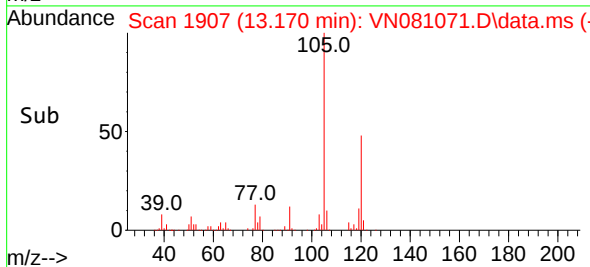
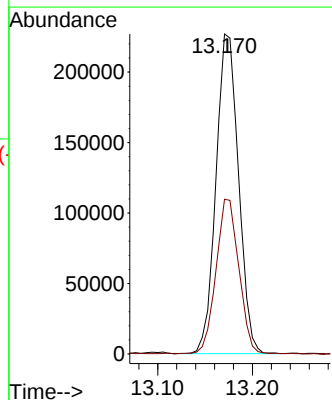
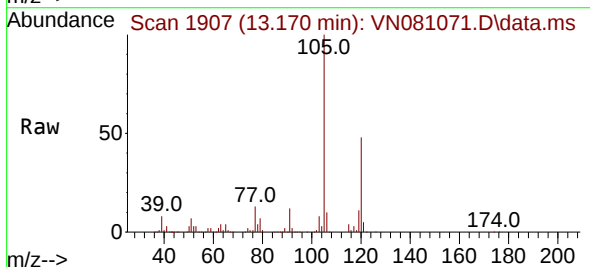
Manual Integrations
APPROVED

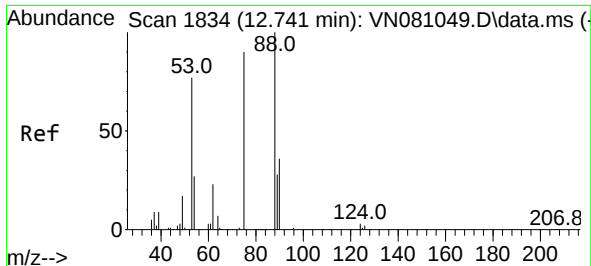
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.652 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

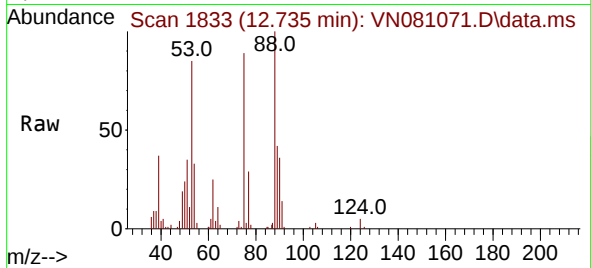
Tgt Ion:105 Resp: 375848
Ion Ratio Lower Upper
105 100
120 49.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.651 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

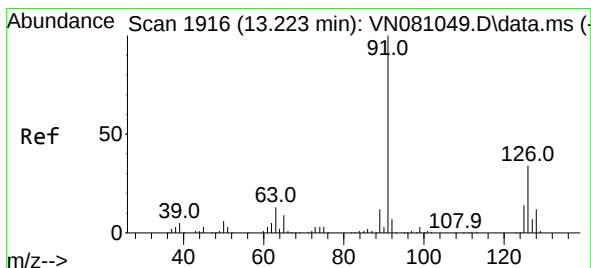
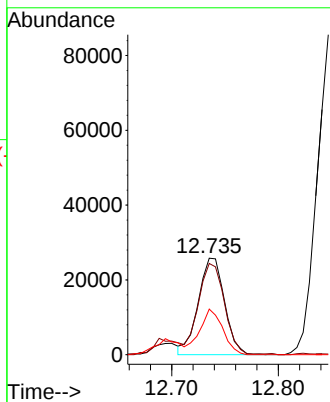
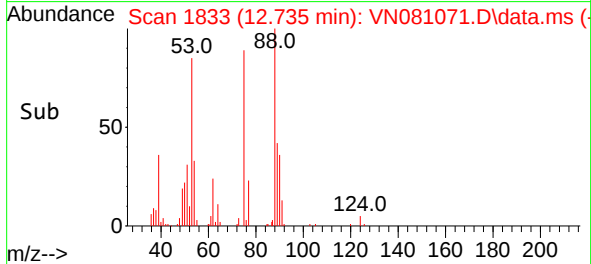
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



Tgt Ion: 75 Resp: 4438
Ion Ratio Lower Upper
75 100
53 93.5 71.4 107.2
89 41.6 33.4 50.0

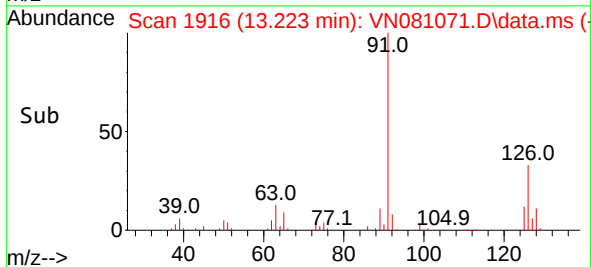
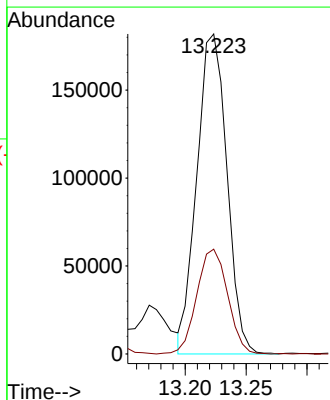
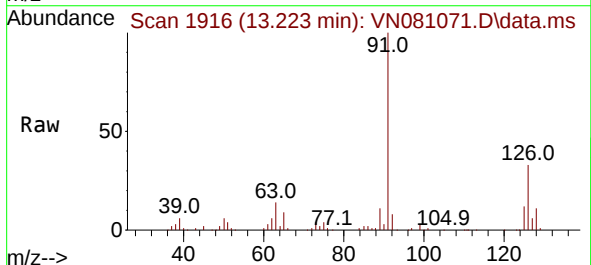
Manual Integrations
APPROVED

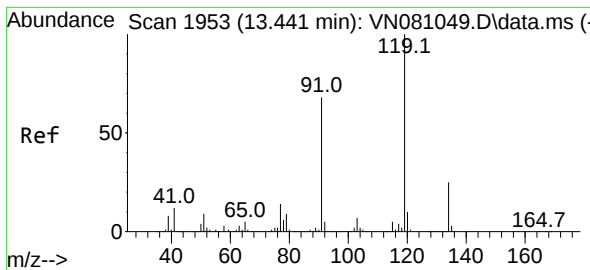
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 19.195 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Tgt Ion: 91 Resp: 312601
Ion Ratio Lower Upper
91 100
126 33.6 15.3 45.9





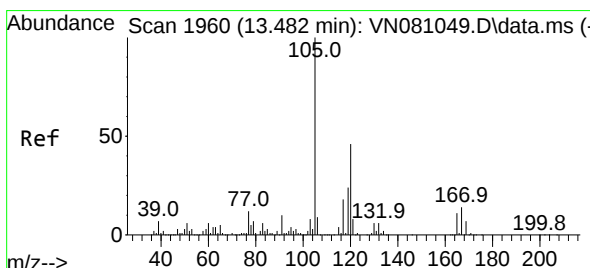
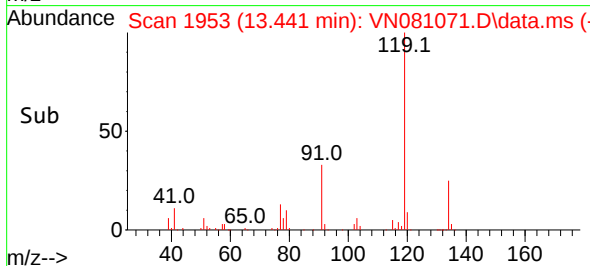
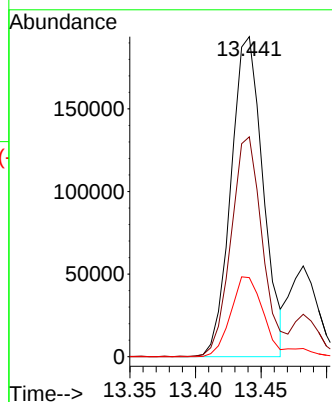
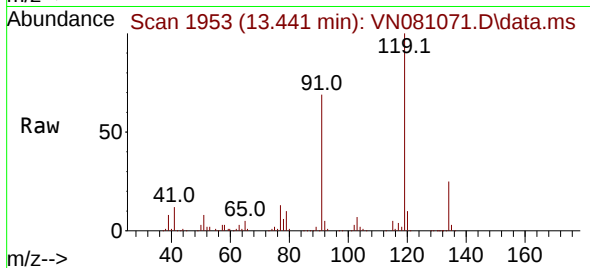
#83
tert-Butylbenzene
Concen: 19.934 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01

Tgt Ion:119 Resp: 329648
Ion Ratio Lower Upper
119 100
91 68.1 36.8 110.4
134 27.0 12.4 37.4

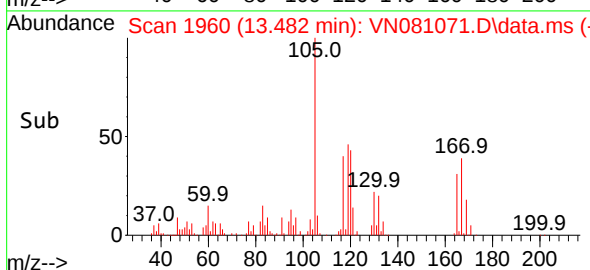
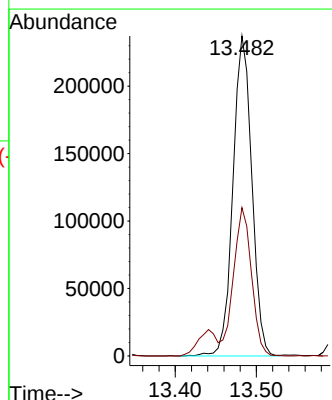
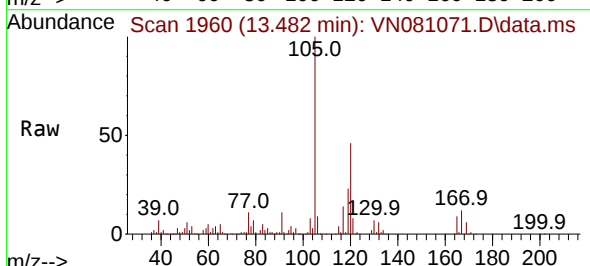
Manual Integrations
APPROVED

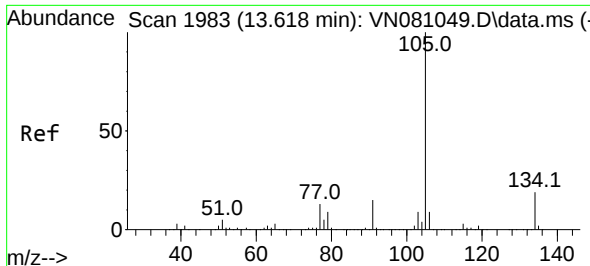
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.049 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

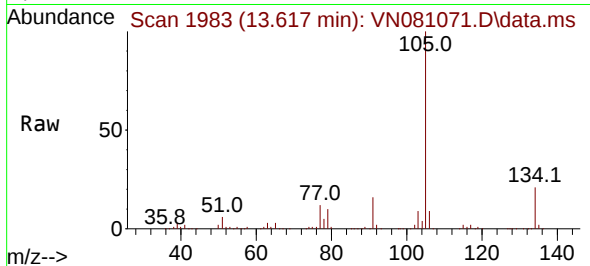
Tgt Ion:105 Resp: 382082
Ion Ratio Lower Upper
105 100
120 44.5 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.972 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

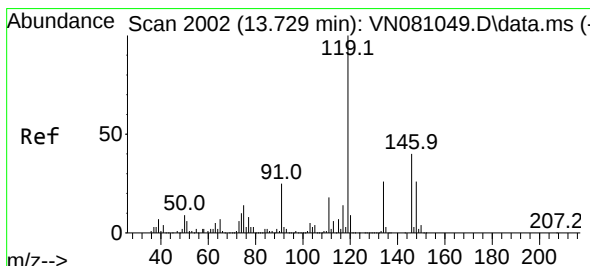
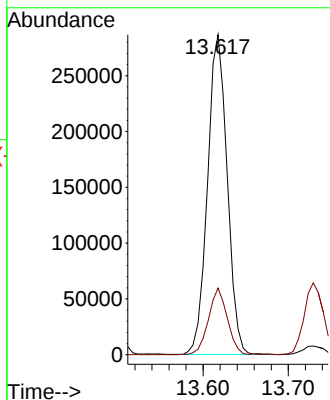
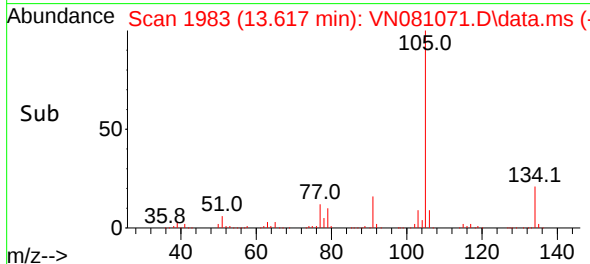
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



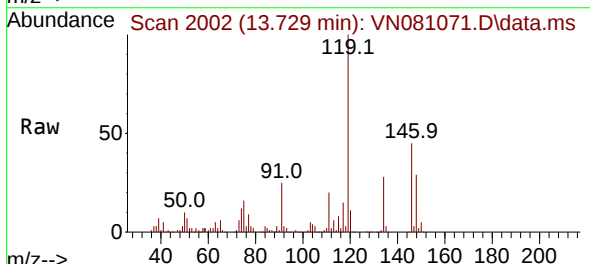
Tgt Ion:105 Resp: 459159
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

Manual Integrations
 APPROVED

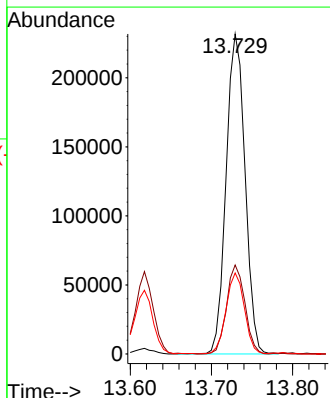
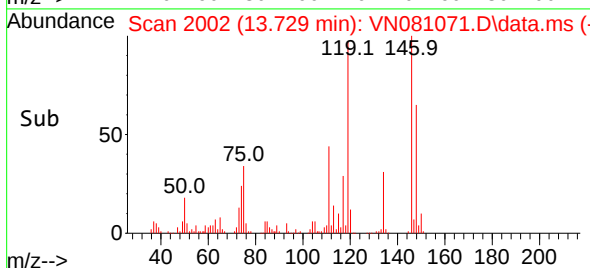
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

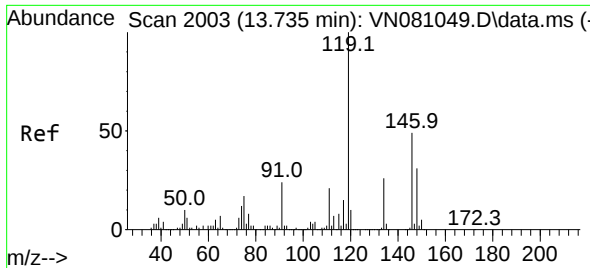


#86
 p-Isopropyltoluene
 Concen: 19.679 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57



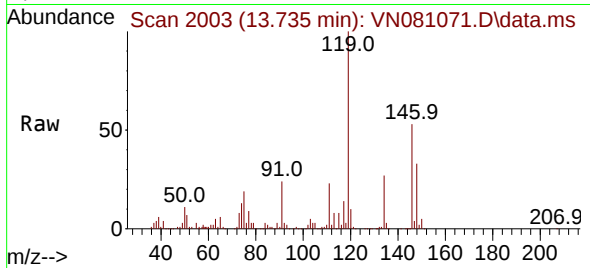
Tgt Ion:119 Resp: 375786
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 24.5 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 18.865 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57

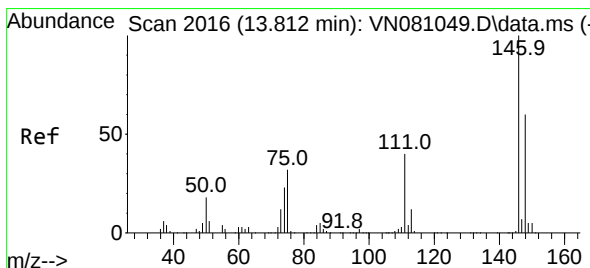
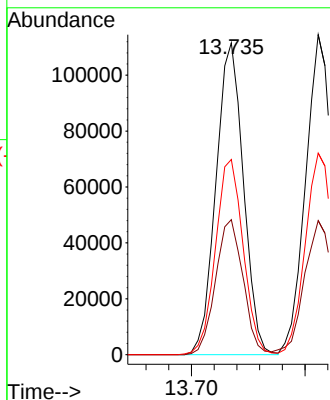
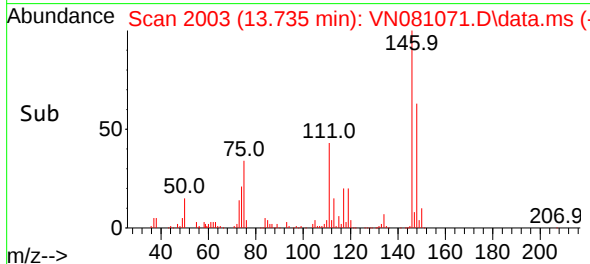
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01



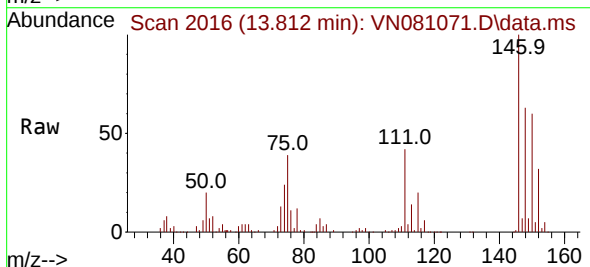
Tgt Ion:146 Resp: 187470
 Ion Ratio Lower Upper
 146 100
 111 43.3 23.9 71.7
 148 63.2 32.6 97.7

Manual Integrations
 APPROVED

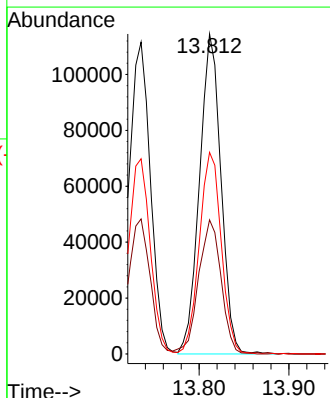
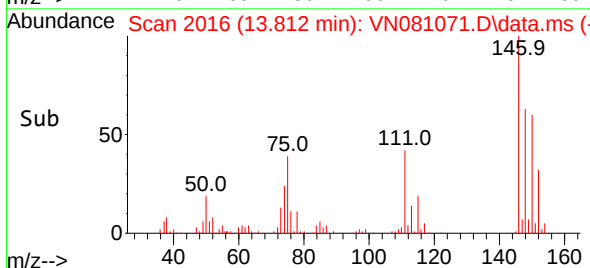
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

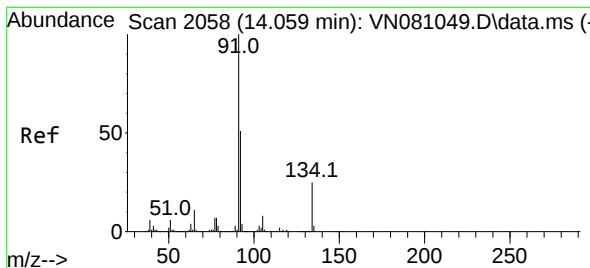


#88
 1,4-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081071.D
 Acq: 19 Feb 2024 12:57



Tgt Ion:146 Resp: 190385
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.6 67.7
 148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 19.253 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBSD01

Tgt Ion: 91 Resp: 32028

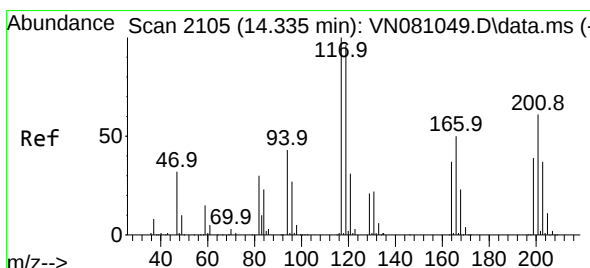
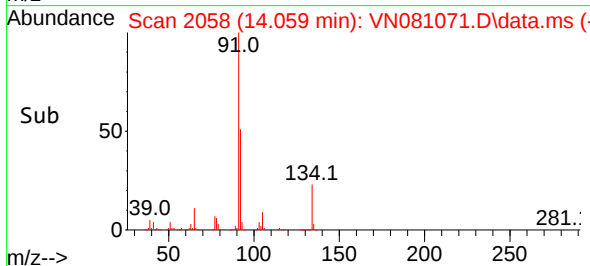
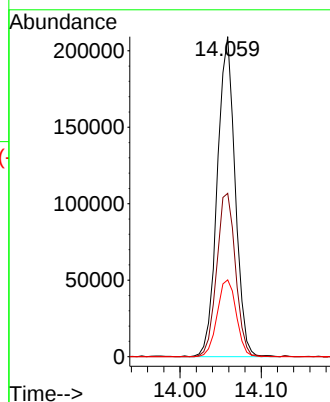
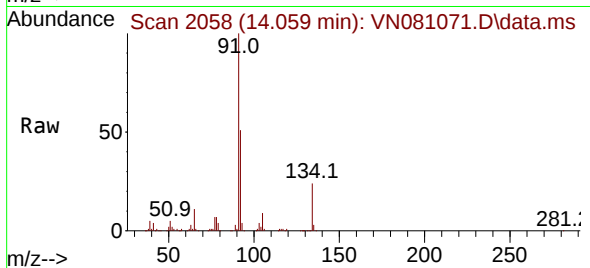
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	25.7	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#90

Hexachloroethane

Concen: 19.713 ug/l

RT: 14.335 min Scan# 2105

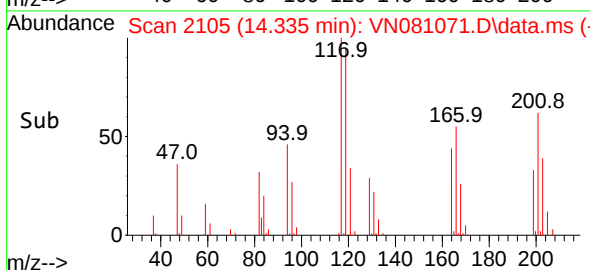
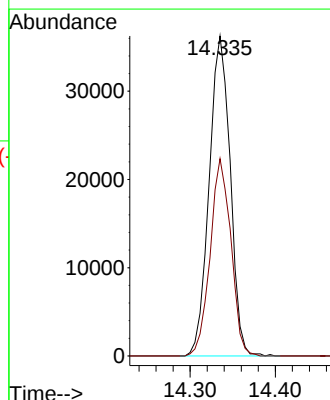
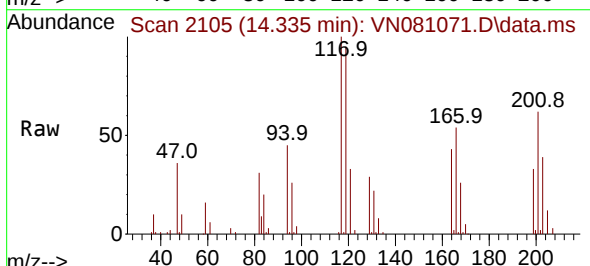
Delta R.T. -0.000 min

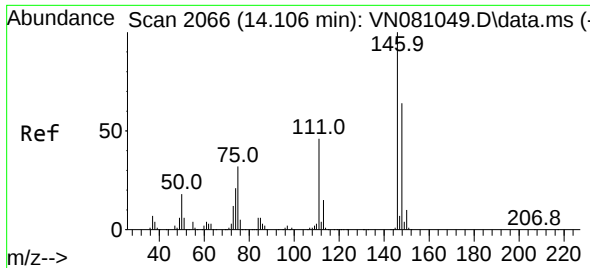
Lab File: VN081071.D

Acq: 19 Feb 2024 12:57

Tgt Ion:117 Resp: 62223

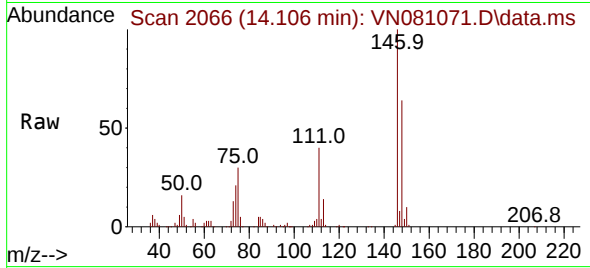
Ion	Ratio	Lower	Upper
117	100		
201	60.7	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 19.036 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

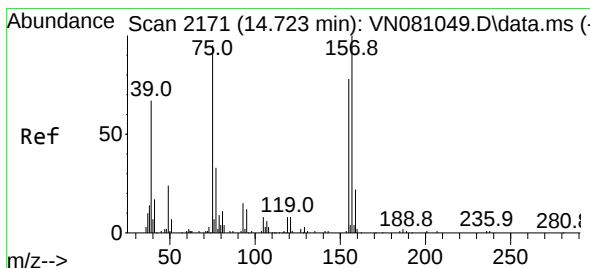
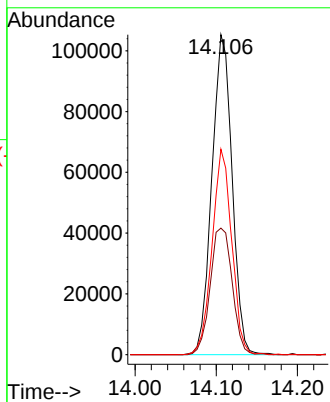
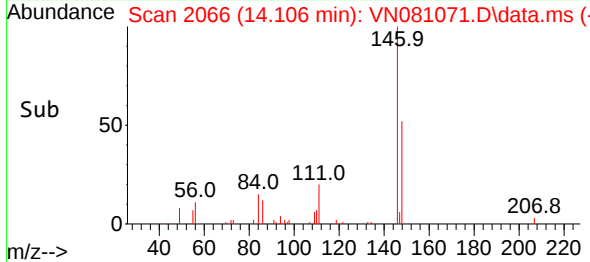
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



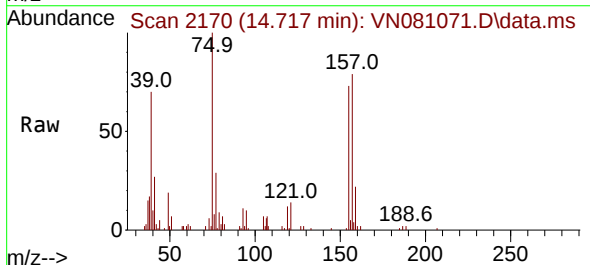
Tgt Ion:146 Resp: 182440
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 62.4 31.4 94.0

Manual Integrations
APPROVED

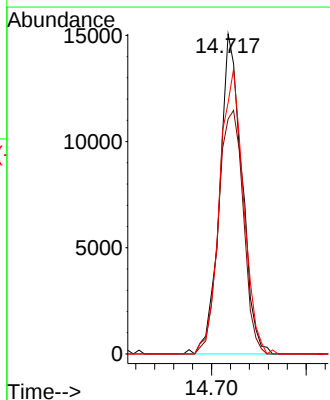
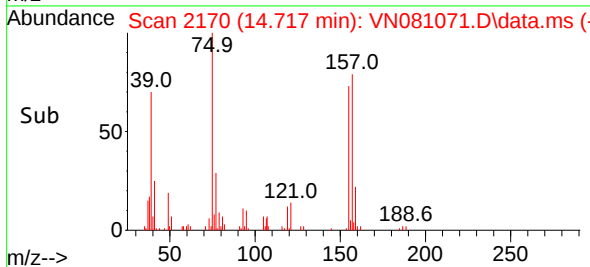
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

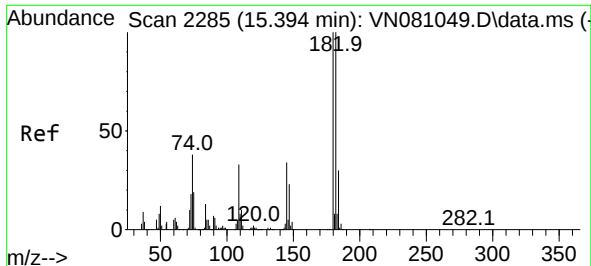


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.821 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



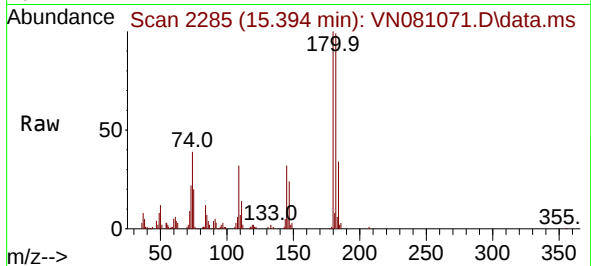
Tgt Ion: 75 Resp: 24575
Ion Ratio Lower Upper
75 100
155 84.8 31.8 95.4
157 95.3 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.749 ug/l
RT: 15.394 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

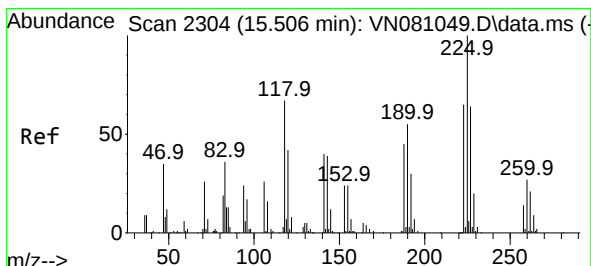
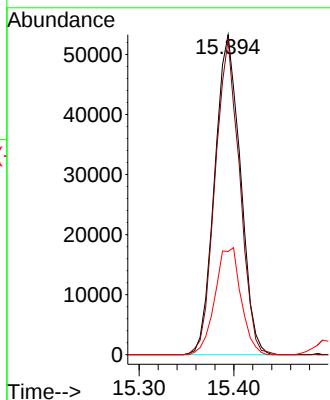
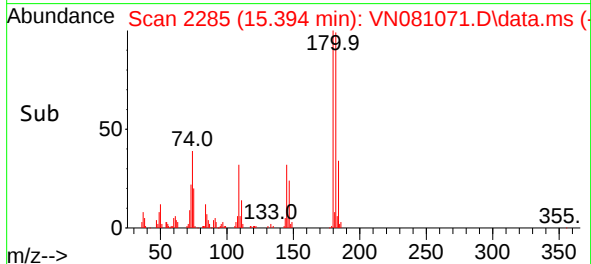
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



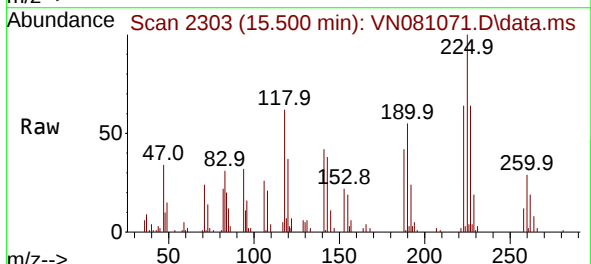
Tgt Ion:180 Resp: 10025
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.7
145 34.0 16.8 50.3

Manual Integrations
APPROVED

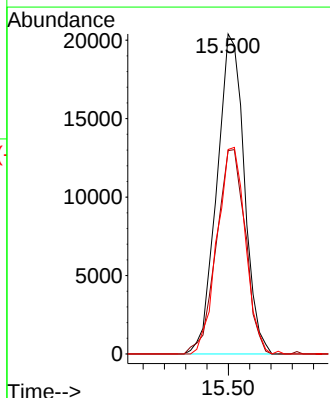
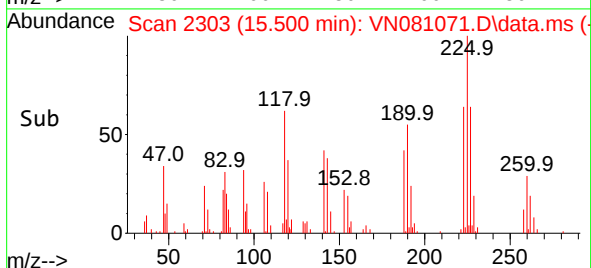
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

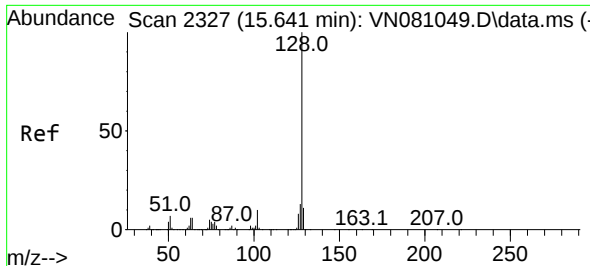


#94
Hexachlorobutadiene
Concen: 18.196 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



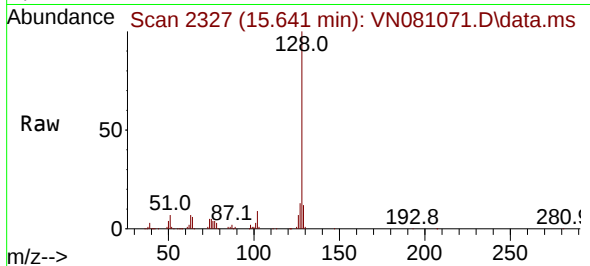
Tgt Ion:225 Resp: 36287
Ion Ratio Lower Upper
225 100
223 67.7 33.3 99.8
227 66.8 33.1 99.2





#95
Naphthalene
Concen: 17.867 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57

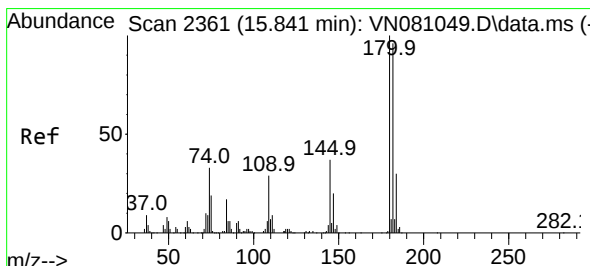
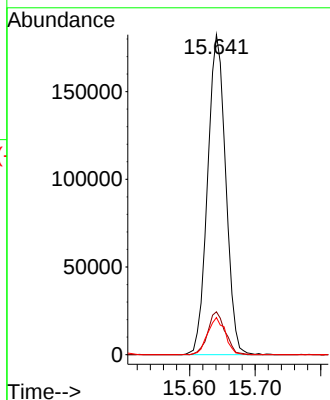
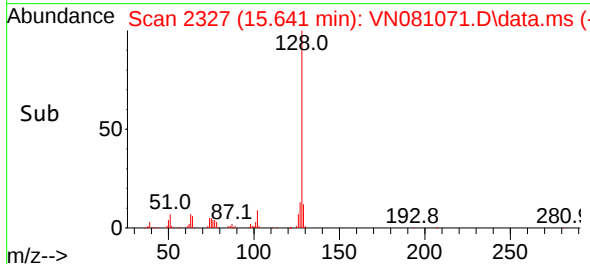
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBSD01



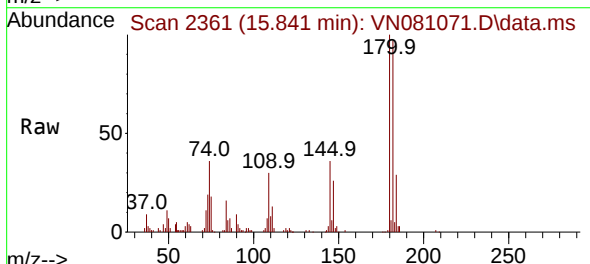
Tgt Ion:128 Resp: 350095
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.843 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081071.D
Acq: 19 Feb 2024 12:57



Tgt Ion:180 Resp: 99951
Ion Ratio Lower Upper
180 100
182 95.0 46.5 139.3
145 36.1 17.8 53.4

