

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081091.D
 Acq On : 20 Feb 2024 12:20
 Operator : JC\MD
 Sample : VN0220WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 00:19:06 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	368972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	669896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	587965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	207698	45.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.840%		
35) Dibromofluoromethane	8.165	113	176123	46.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.980%		
50) Toluene-d8	10.565	98	602618	44.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.847	95	224619	44.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	99229	20.795	ug/l	100
3) Chloromethane	2.359	50	94550	17.391	ug/l	99
4) Vinyl Chloride	2.518	62	99241	18.724	ug/l	95
5) Bromomethane	2.971	94	69600	18.488	ug/l	98
6) Chloroethane	3.124	64	64143	18.156	ug/l	95
7) Trichlorofluoromethane	3.506	101	146222	18.884	ug/l	100
8) Diethyl Ether	3.959	74	56390	19.919	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	85274	19.755	ug/l	93
10) Methyl Iodide	4.595	142	100004	20.755	ug/l #	94
11) Tert butyl alcohol	5.518	59	70414	84.661	ug/l	99
12) 1,1-Dichloroethene	4.342	96	79919	19.153	ug/l	83
13) Acrolein	4.183	56	81757	183.401	ug/l	96
14) Allyl chloride	5.024	41	127450	20.586	ug/l	96
15) Acrylonitrile	5.718	53	198946	91.588	ug/l	98
16) Acetone	4.430	43	132358	74.378	ug/l	99
17) Carbon Disulfide	4.712	76	206110	17.710	ug/l	97
18) Methyl Acetate	5.018	43	89252	20.560	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	278242	19.470	ug/l	98
20) Methylene Chloride	5.277	84	89164	18.788	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	85145	18.290	ug/l	96
22) Diisopropyl ether	6.665	45	278863	19.856	ug/l #	93
23) Vinyl Acetate	6.600	43	1113947	97.761	ug/l	95
24) 1,1-Dichloroethane	6.571	63	160856	19.809	ug/l	97
25) 2-Butanone	7.483	43	241238	83.912	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	148190	19.476	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	105686	19.540	ug/l	86
28) Bromochloromethane	7.812	49	62000	18.416	ug/l #	69
29) Tetrahydrofuran	7.836	42	168328	87.711	ug/l #	86
30) Chloroform	7.965	83	168545	19.524	ug/l	96
31) Cyclohexane	8.259	56	151072	19.346	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	150918	19.195	ug/l	89
36) 1,1-Dichloropropene	8.371	75	123746	19.068	ug/l	97
37) Ethyl Acetate	7.559	43	109974	18.776	ug/l	97
38) Carbon Tetrachloride	8.365	117	128218	19.528	ug/l	95
39) Methylcyclohexane	9.600	83	148851	19.676	ug/l	88
40) Benzene	8.606	78	372559	19.833	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	61011	18.303	ug/l	97
42) 1,2-Dichloroethane	8.671	62	127557	19.464	ug/l	98
43) Isopropyl Acetate	8.688	43	229494	22.404	ug/l	97
44) Trichloroethene	9.353	130	96709	19.330	ug/l	92
45) 1,2-Dichloropropane	9.624	63	93742	19.950	ug/l	92
46) Dibromomethane	9.706	93	67971	19.853	ug/l	91
47) Bromodichloromethane	9.888	83	130371	20.106	ug/l #	92
48) Methyl methacrylate	9.677	41	90816	19.053	ug/l	92
49) 1,4-Dioxane	9.700	88	32590	345.421	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	545102	92.505	ug/l	96
52) Toluene	10.630	92	233558	19.640	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	145383	20.176	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	156848	20.147	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	91200	19.939	ug/l	91
56) Ethyl methacrylate	10.877	69	132730	18.988	ug/l	92
57) 1,3-Dichloropropane	11.165	76	160043	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	316175	90.145	ug/l #	87
59) 2-Hexanone	11.194	43	385121	82.437	ug/l	95
60) Dibromochloromethane	11.359	129	93115	19.163	ug/l	100
61) 1,2-Dibromoethane	11.471	107	91674	19.060	ug/l	99
64) Tetrachloroethene	11.106	164	78350	19.525	ug/l	86
65) Chlorobenzene	11.894	112	243128	19.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	92708	20.283	ug/l	95
67) Ethyl Benzene	11.965	91	442308	19.424	ug/l	98
68) m/p-Xylenes	12.071	106	333452	38.204	ug/l	95
69) o-Xylene	12.400	106	165675	19.149	ug/l	92
70) Styrene	12.412	104	263686	19.233	ug/l	98
71) Bromoform	12.576	173	56434	19.461	ug/l #	98
73) Isopropylbenzene	12.694	105	428905	18.466	ug/l	98
74) N-amyl acetate	12.494	43	169958	17.313	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	119044	18.227	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	98509m	16.332	ug/l	
77) Bromobenzene	12.982	156	94999	18.343	ug/l	75
78) n-propylbenzene	13.035	91	498309	18.636	ug/l	95
79) 2-Chlorotoluene	13.123	91	292729	17.849	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	357037	18.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	42178	17.999	ug/l	98
82) 4-Chlorotoluene	13.223	91	286868	17.889	ug/l	92
83) tert-Butylbenzene	13.441	119	306206	18.804	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	349580	18.628	ug/l	92
85) sec-Butylbenzene	13.618	105	432826	19.119	ug/l	94
86) p-Isopropyltoluene	13.729	119	350100	18.619	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	177012	18.089	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	178814	18.597	ug/l	98
89) n-Butylbenzene	14.059	91	315309	19.248	ug/l	97
90) Hexachloroethane	14.335	117	58302	18.758	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	174532	18.493	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23591	17.373	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	99198	18.840	ug/l	99
94) Hexachlorobutadiene	15.500	225	35884	18.274	ug/l	97
95) Naphthalene	15.641	128	345964	17.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	99716	19.090	ug/l	99

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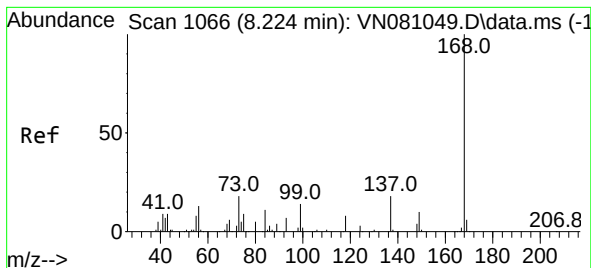
Manual Integrations
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Quant Title : SW846 8260
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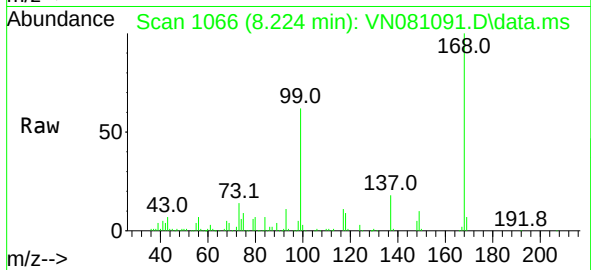
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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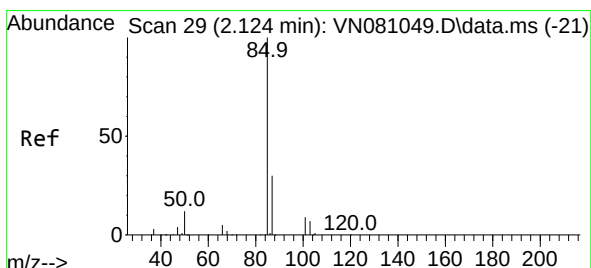
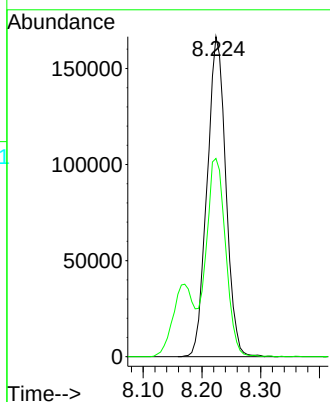
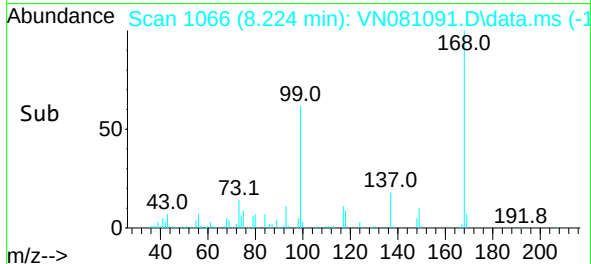
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion:168 Resp: 368972
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9

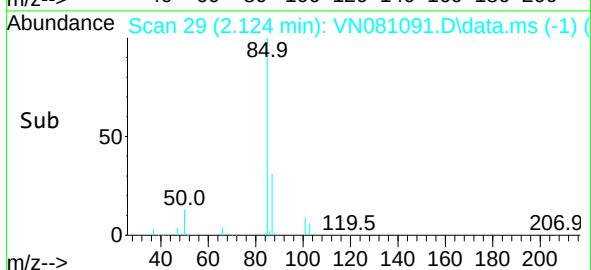
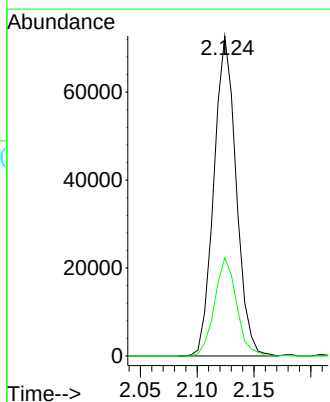
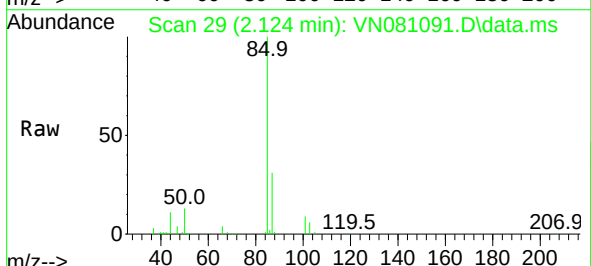
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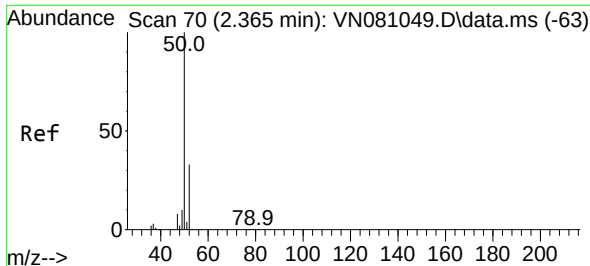
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#2
Dichlorodifluoromethane
Concen: 20.795 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

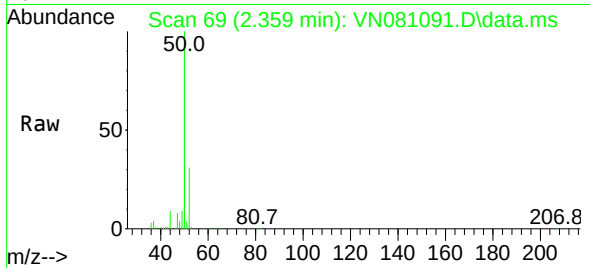
Tgt Ion: 85 Resp: 99229
Ion Ratio Lower Upper
85 100
87 30.7 15.3 45.9





#3
Chloromethane
Concen: 17.391 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

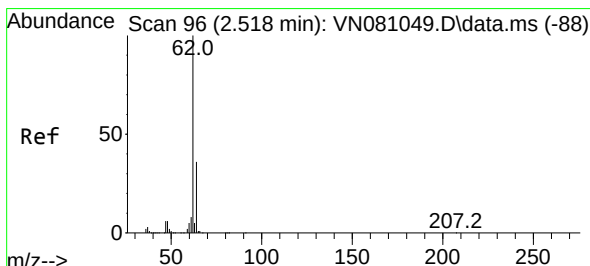
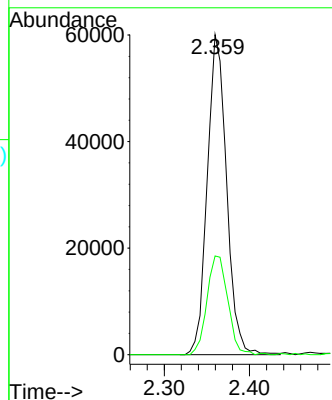
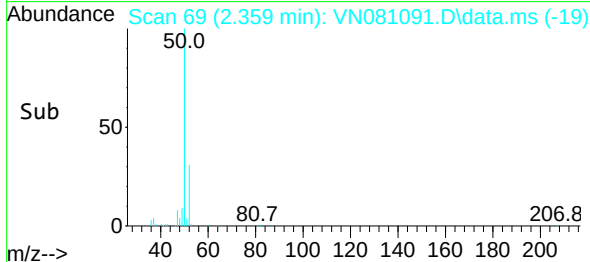
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Tgt Ion: 50 Resp: 94550
Ion Ratio Lower Upper
50 100
52 30.8 25.0 37.4

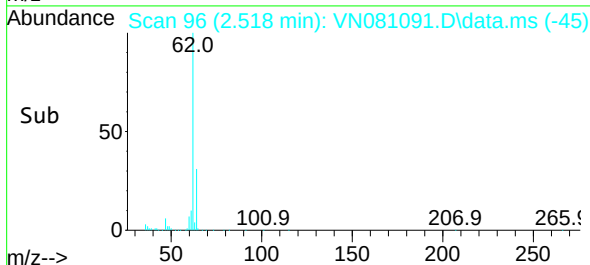
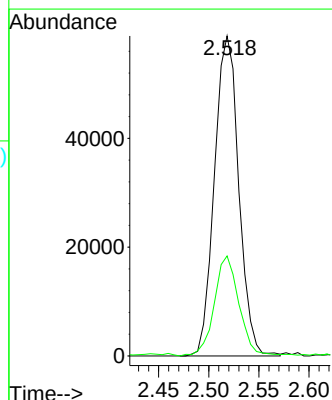
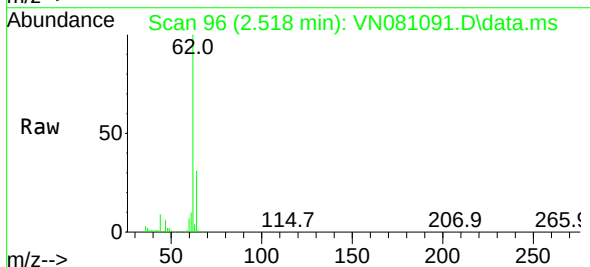
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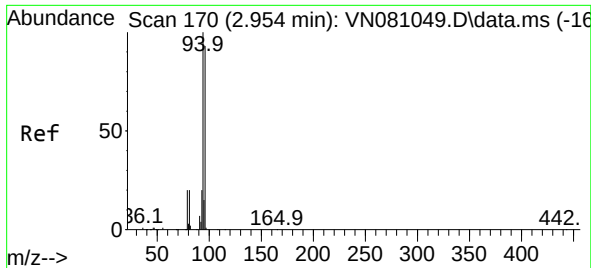
Reviewed By :John Carlone 02/21/2024
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#4
Vinyl Chloride
Concen: 18.724 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

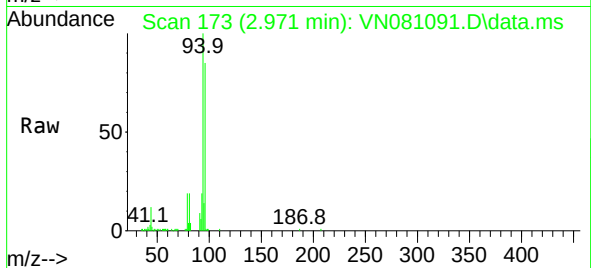
Tgt Ion: 62 Resp: 99241
Ion Ratio Lower Upper
62 100
64 31.3 22.7 34.1





#5
Bromomethane
Concen: 18.488 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

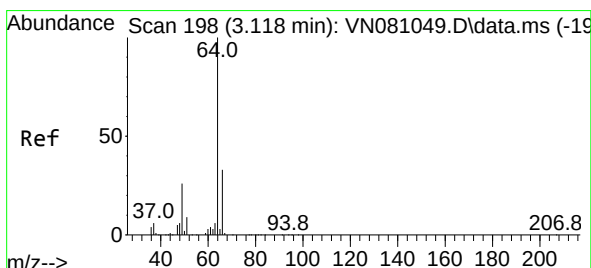
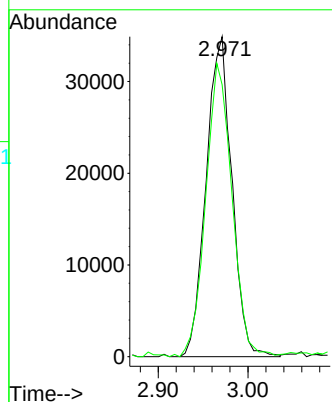
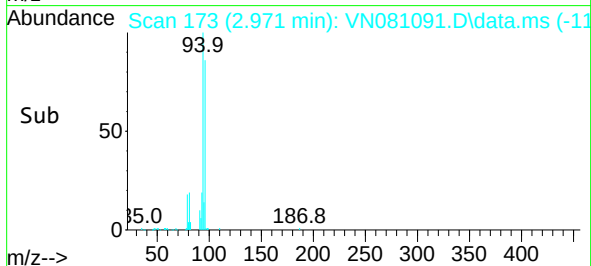
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Tgt Ion: 94 Resp: 69600
Ion Ratio Lower Upper
94 100
96 85.0 69.2 103.8

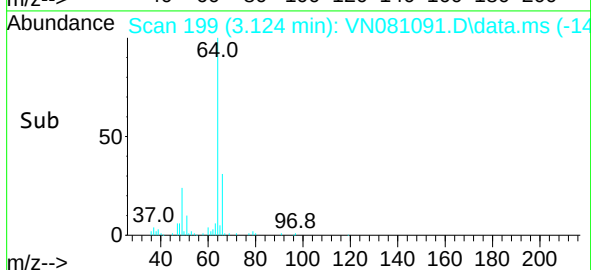
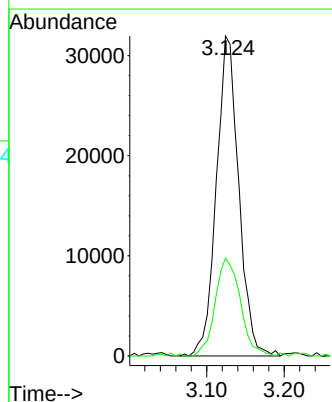
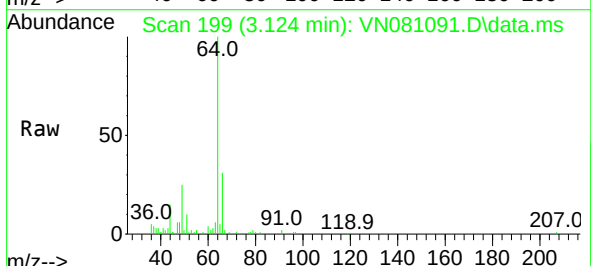
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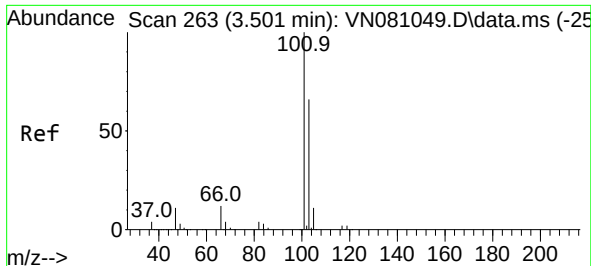
Reviewed By :John Carlone 02/21/2024
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#6
Chloroethane
Concen: 18.156 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081091.D
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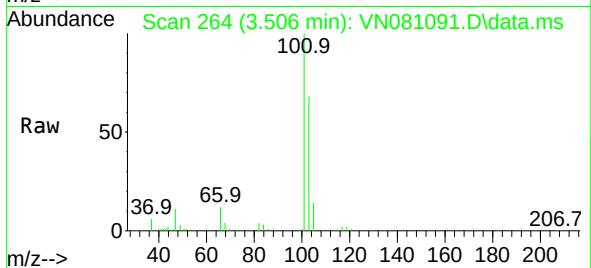
Tgt Ion: 64 Resp: 64143
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.884 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081091.D
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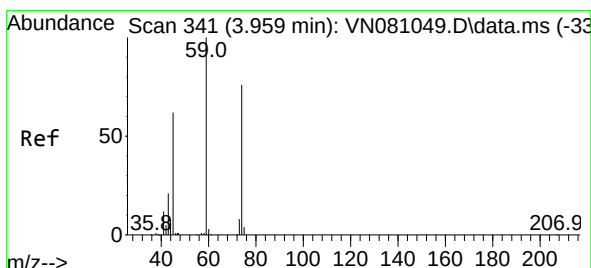
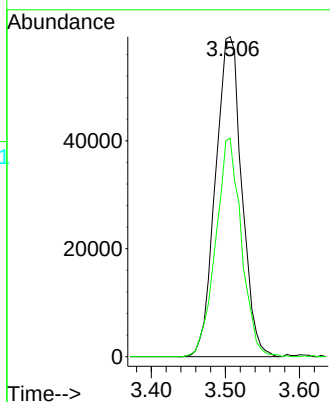
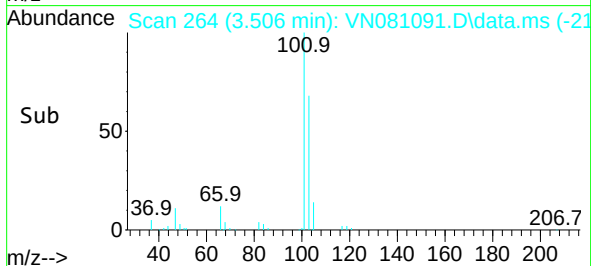
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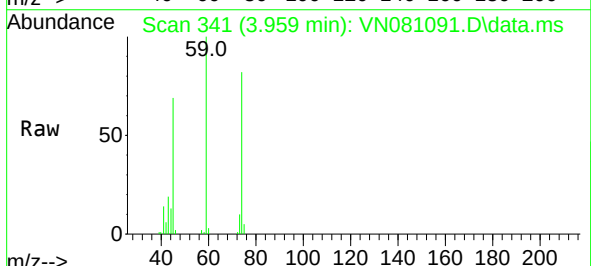
Tgt Ion:101 Resp: 14622
 Ion Ratio Lower Upper
 101 100
 103 68.2 54.4 81.6

Manual Integrations
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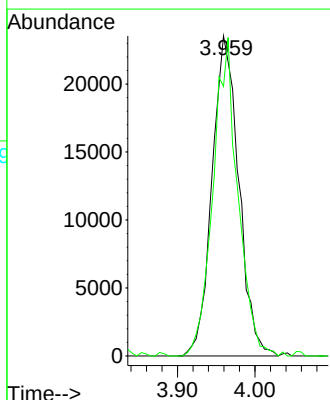
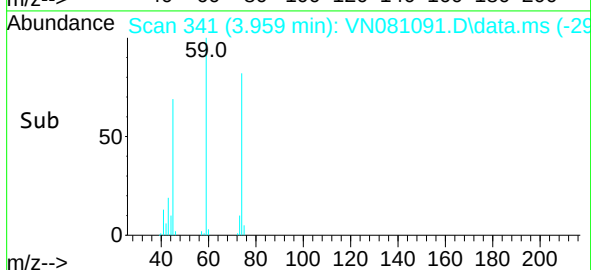
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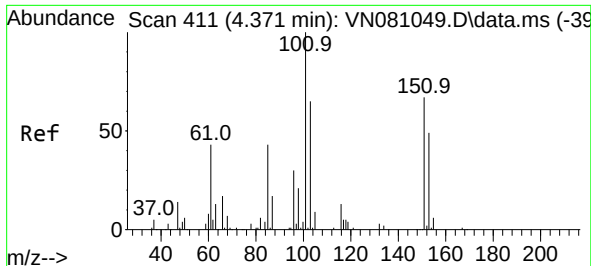


#8
 Diethyl Ether
 Concen: 19.919 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 56390
 Ion Ratio Lower Upper
 74 100
 45 92.9 53.3 159.9





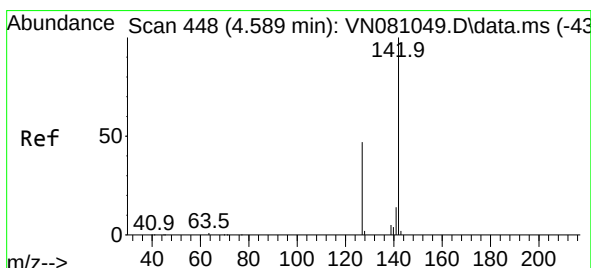
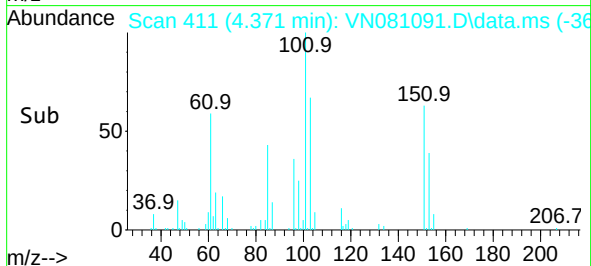
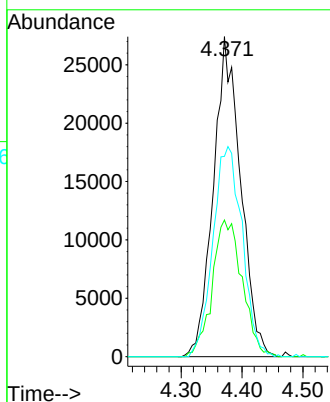
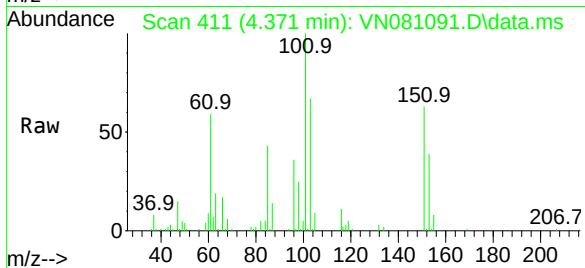
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.755 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion:101 Resp: 85274
Ion Ratio Lower Upper
101 100
85 46.9 38.1 57.1
151 70.5 49.1 73.7

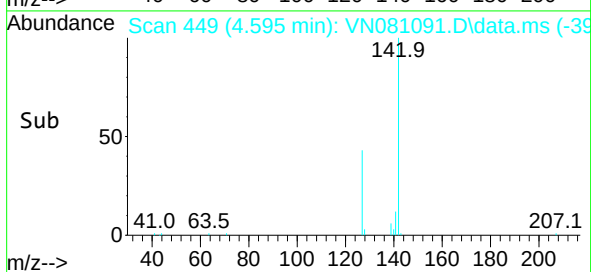
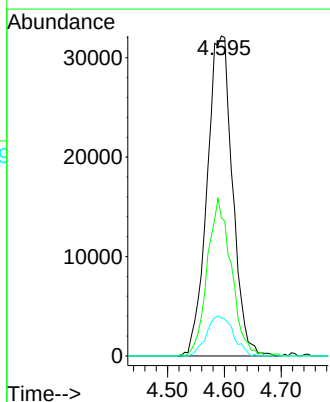
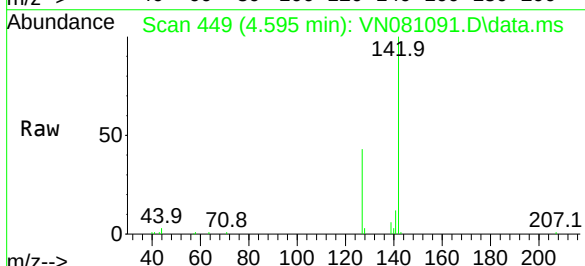
Manual Integrations
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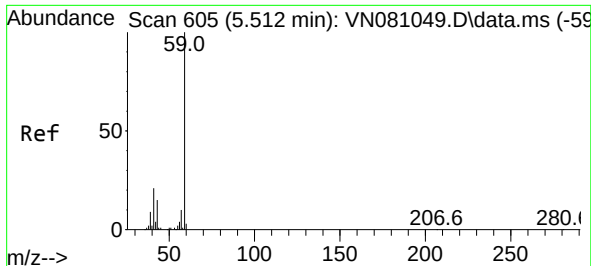
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 20.755 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

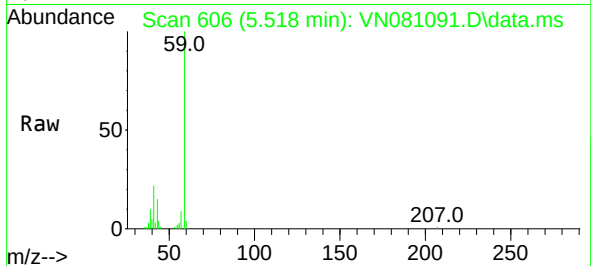
Tgt Ion:142 Resp: 100004
Ion Ratio Lower Upper
142 100
127 43.2 37.0 55.4
141 11.9 12.5 18.7#





#11
Tert butyl alcohol
Concen: 84.661 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

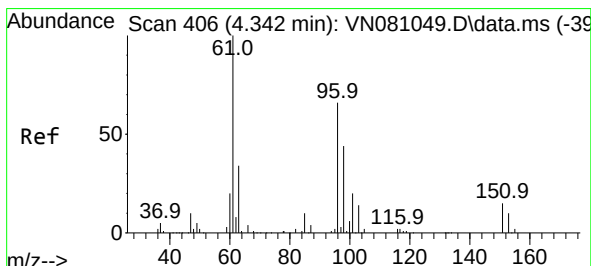
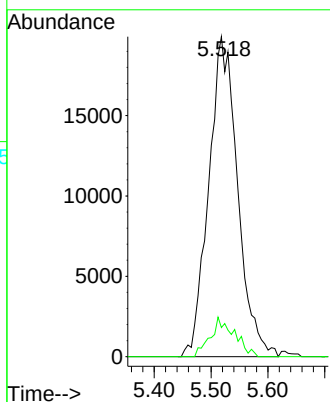
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 59 Resp: 70414
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

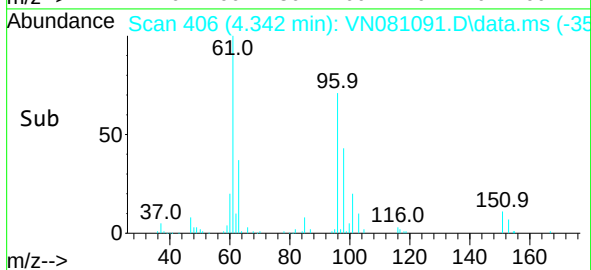
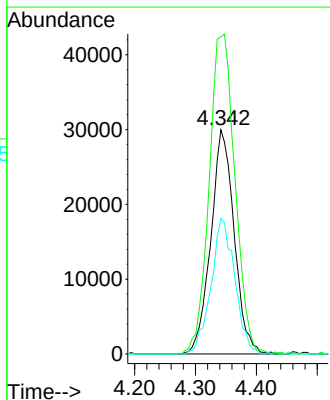
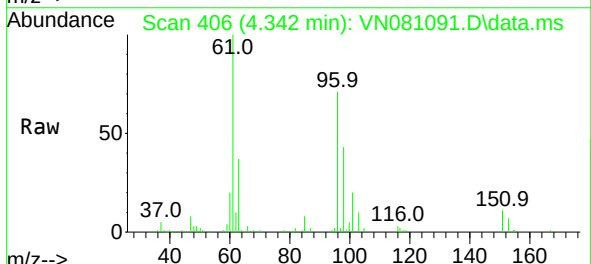
Manual Integrations
APPROVED

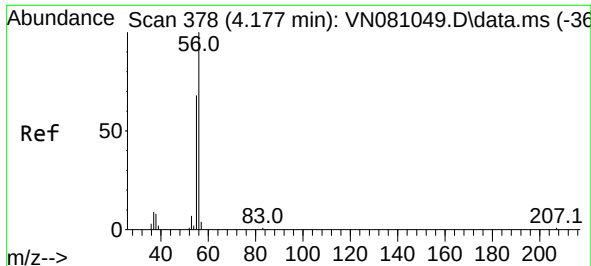
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#12
1,1-Dichloroethene
Concen: 19.153 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

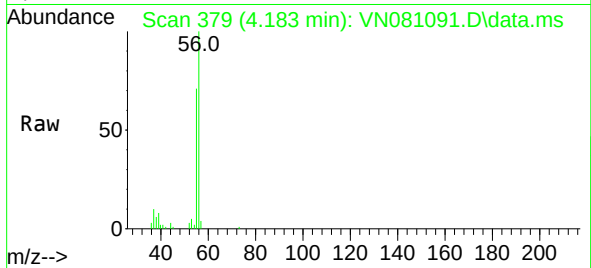
Tgt Ion: 96 Resp: 79919
Ion Ratio Lower Upper
96 100
61 141.6 138.2 207.4
98 60.5 49.2 73.8





#13
Acrolein
Concen: 183.401 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

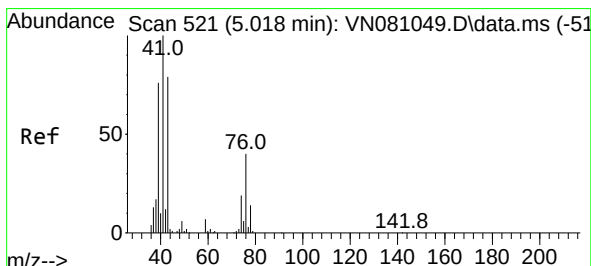
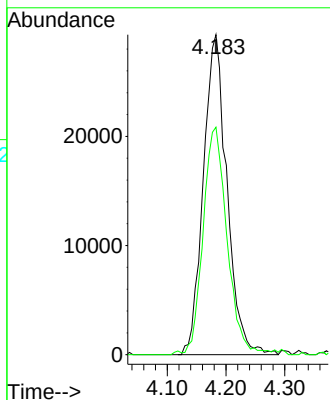
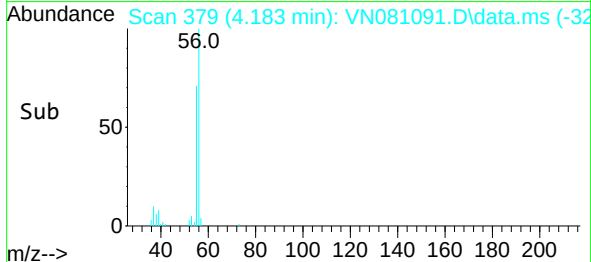
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 56 Resp: 8175
Ion Ratio Lower Upper
56 100
55 72.3 55.3 82.9

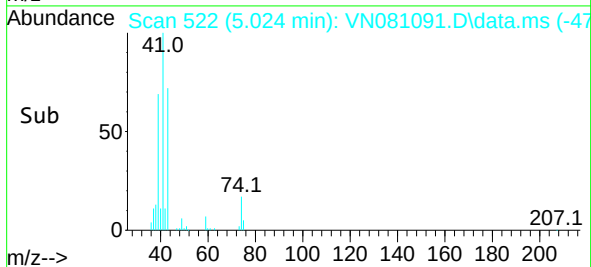
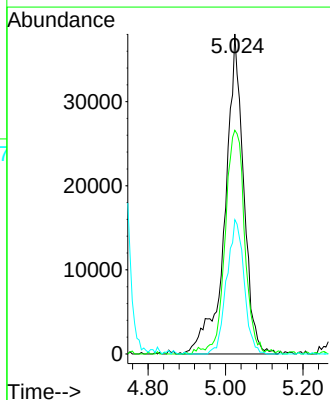
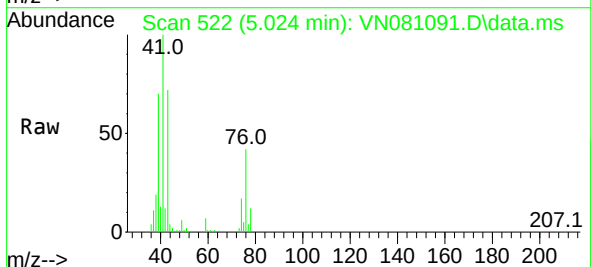
Manual Integrations
APPROVED

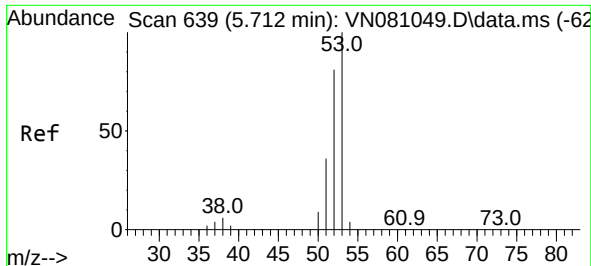
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#14
Allyl chloride
Concen: 20.586 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

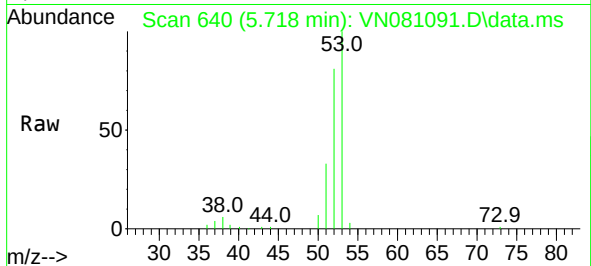
Tgt Ion: 41 Resp: 127450
Ion Ratio Lower Upper
41 100
39 71.0 57.7 86.5
76 38.9 26.8 40.2





#15
Acrylonitrile
Concen: 91.588 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

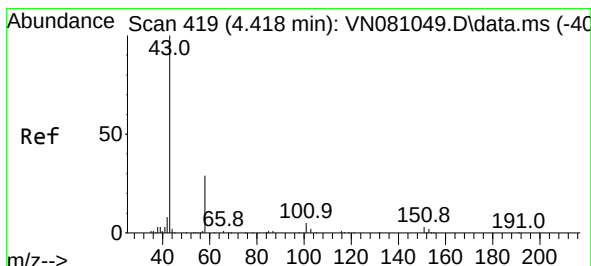
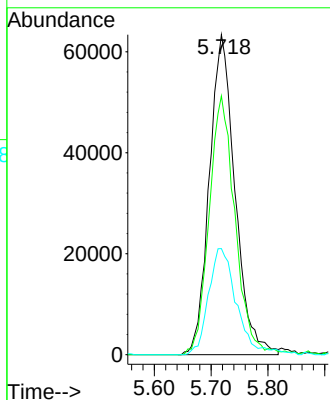
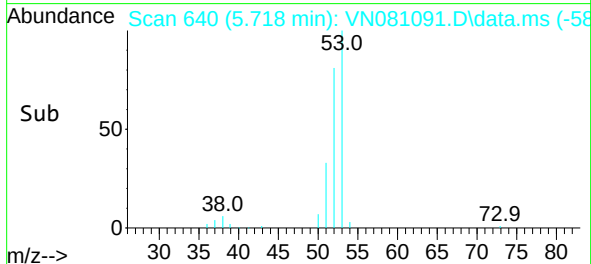
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



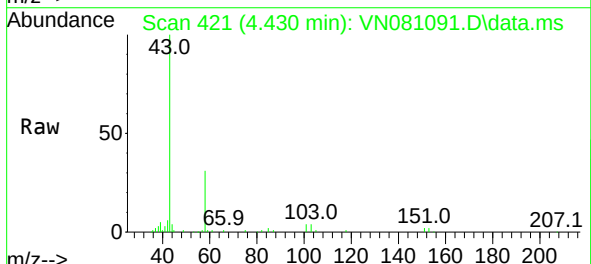
Tgt Ion: 53 Resp: 198940
Ion Ratio Lower Upper
53 100
52 81.8 64.8 97.2
51 36.4 26.9 40.3

Manual Integrations
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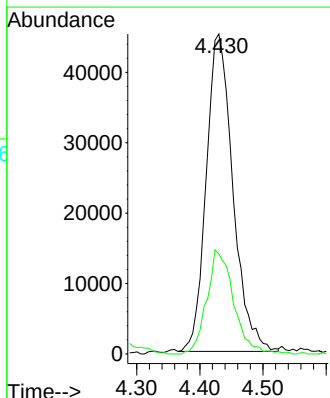
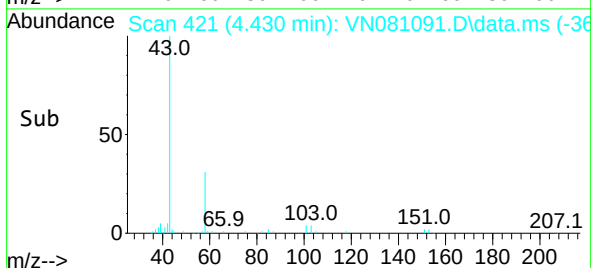
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

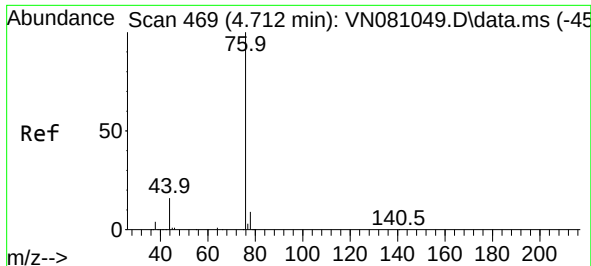


#16
Acetone
Concen: 74.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



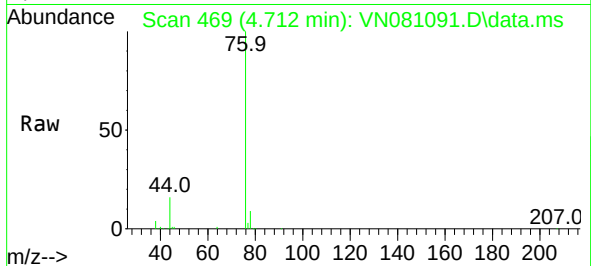
Tgt Ion: 43 Resp: 132358
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17
Carbon Disulfide
Concen: 17.710 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

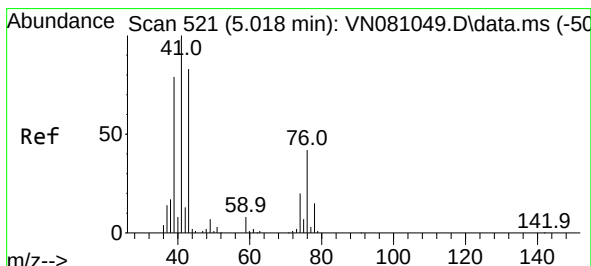
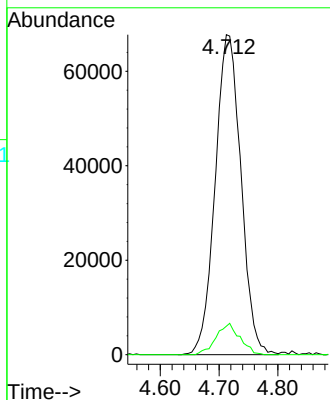
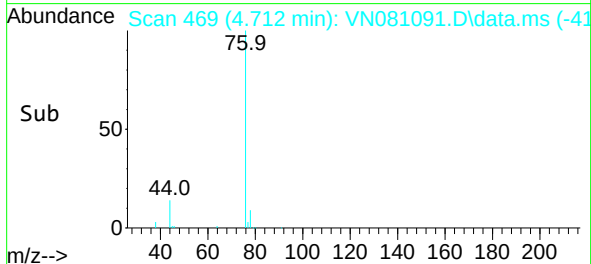
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 76 Resp: 206110
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5

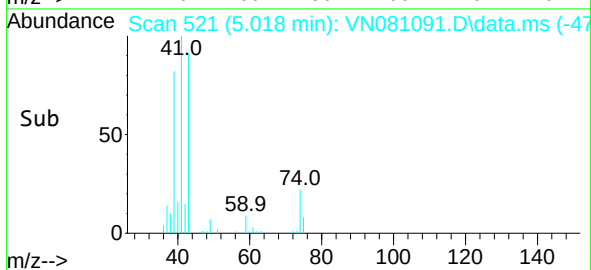
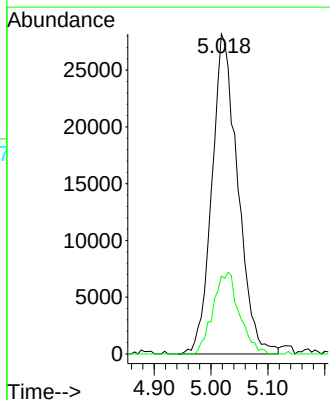
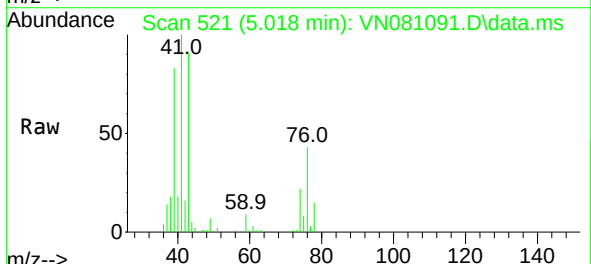
Manual Integrations
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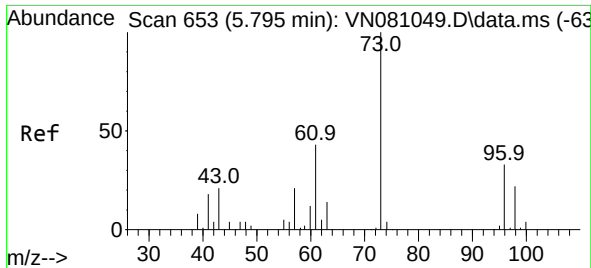
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#18
Methyl Acetate
Concen: 20.560 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Tgt Ion: 43 Resp: 89252
Ion Ratio Lower Upper
43 100
74 25.8 17.3 25.9





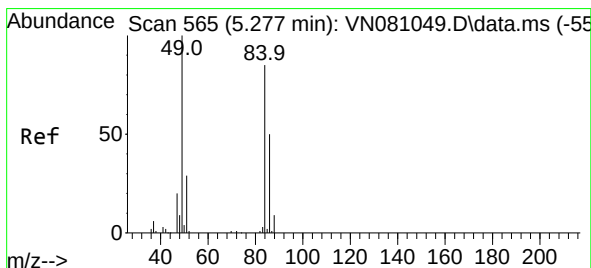
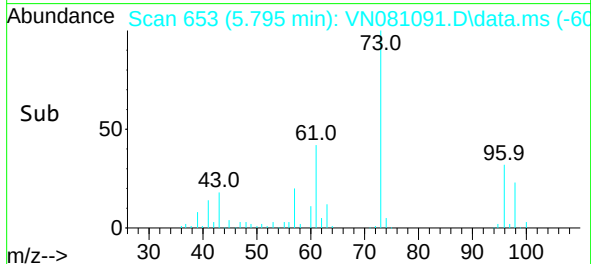
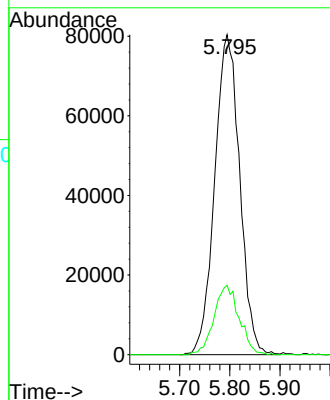
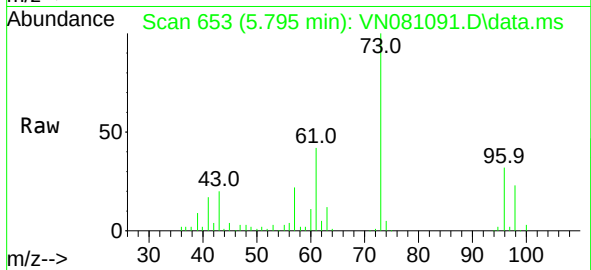
#19
Methyl tert-butyl Ether
Concen: 19.470 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 73 Resp: 27824
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

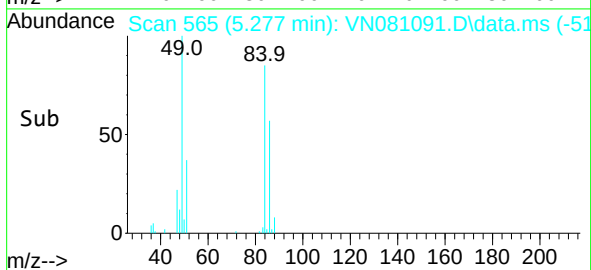
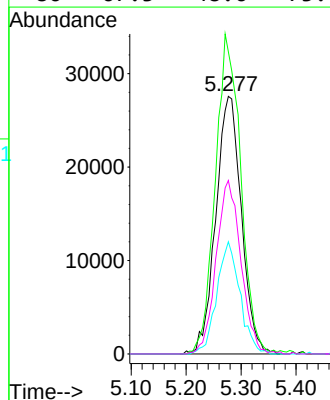
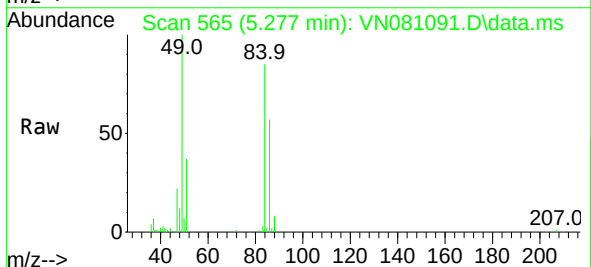
Manual Integrations
APPROVED

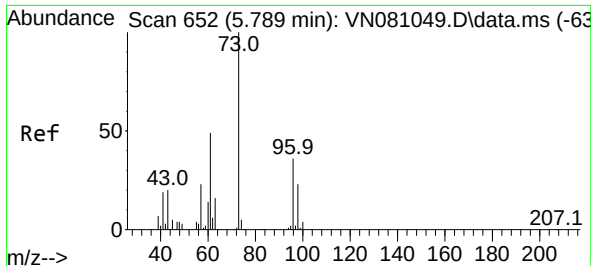
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 18.788 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

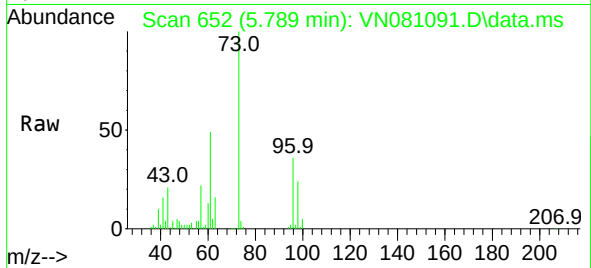
Tgt Ion: 84 Resp: 89164
Ion Ratio Lower Upper
84 100
49 117.3 108.1 162.1
51 43.6 32.9 49.3
86 67.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.290 ug/l
RT: 5.789 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

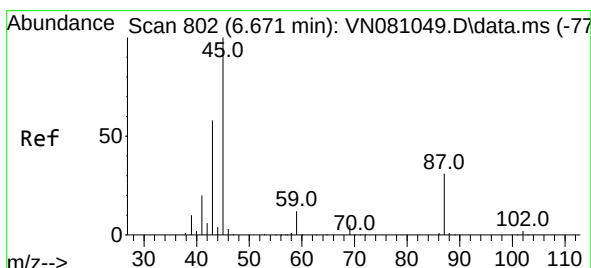
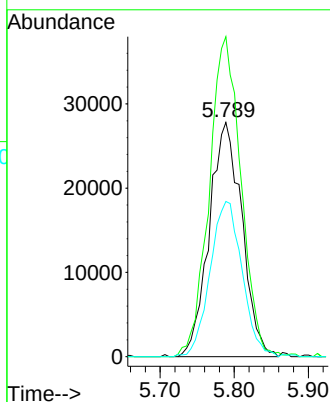
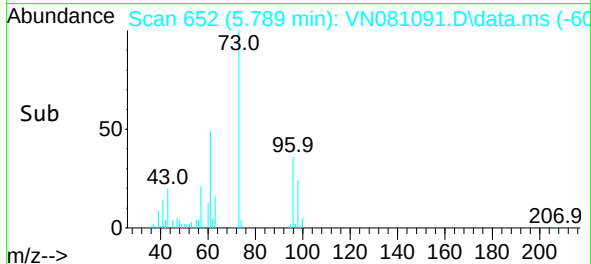
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 96 Resp: 8514
Ion Ratio Lower Upper
96 100
61 135.6 112.8 169.2
98 66.3 51.0 76.4

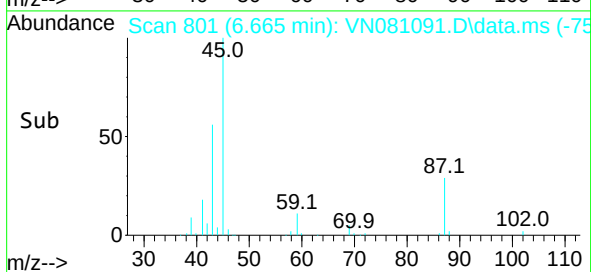
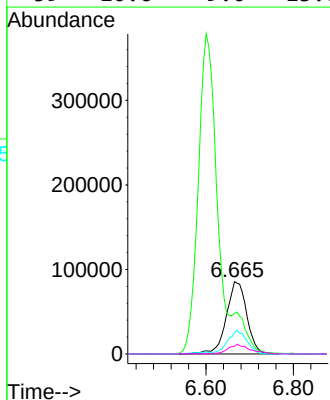
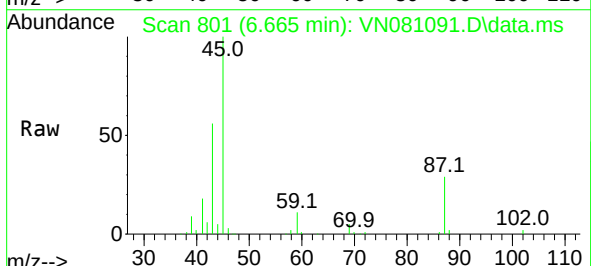
Manual Integrations
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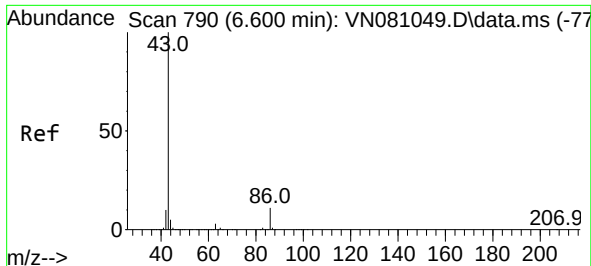
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#22
Diisopropyl ether
Concen: 19.856 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

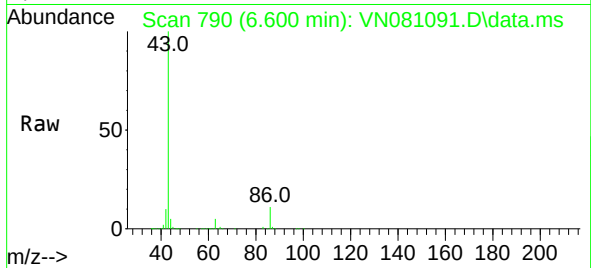
Tgt Ion: 45 Resp: 278863
Ion Ratio Lower Upper
45 100
43 55.5 41.8 62.8
87 29.5 18.1 27.1#
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.761 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081091.D
 Acq: 20 Feb 2024 12:20

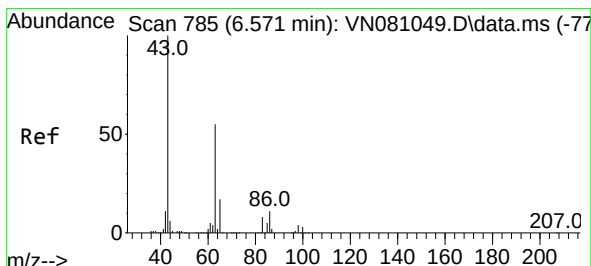
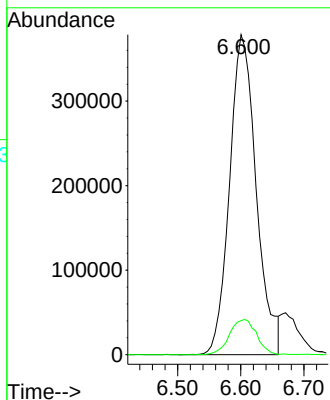
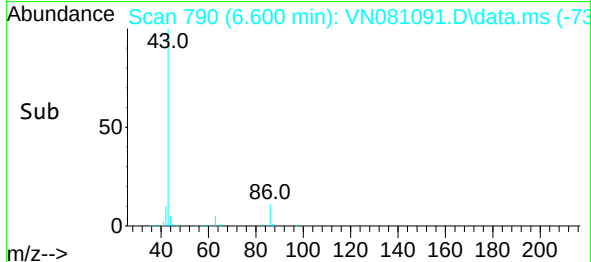
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01



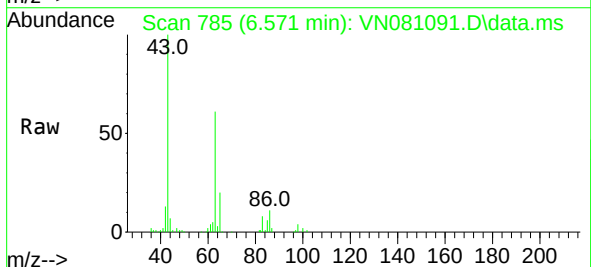
Tgt Ion: 43 Resp: 111394
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
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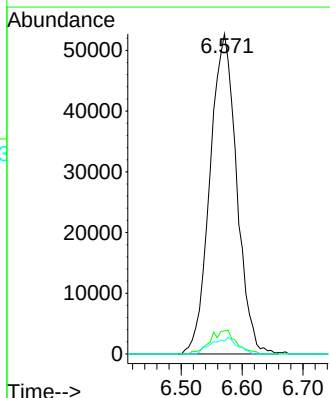
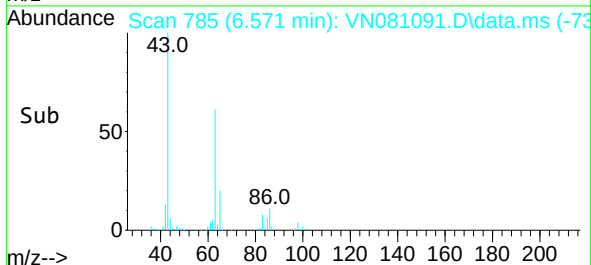
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

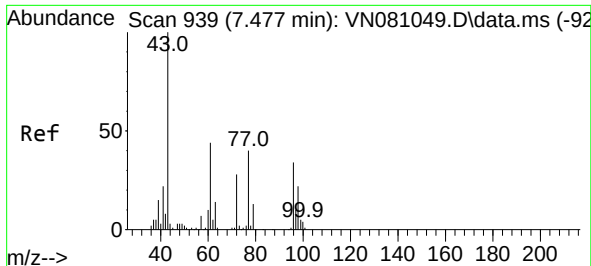


#24
 1,1-Dichloroethane
 Concen: 19.809 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081091.D
 Acq: 20 Feb 2024 12:20



Tgt Ion: 63 Resp: 160856
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.0 1.9 5.7





#25

2-Butanone

Concen: 83.912 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 43 Resp: 241238

Ion Ratio Lower Upper

43 100

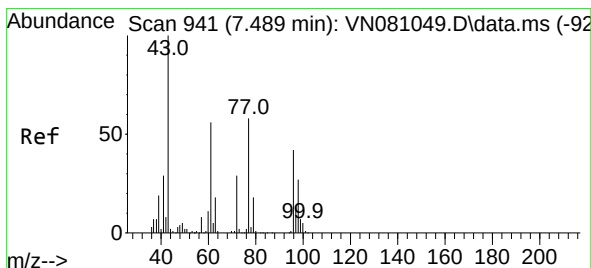
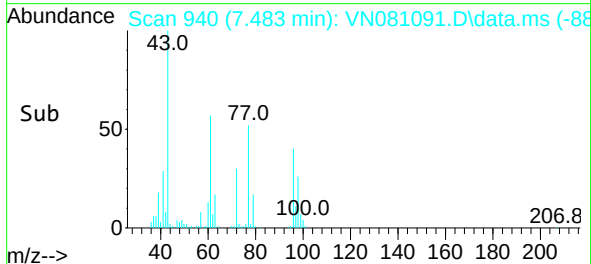
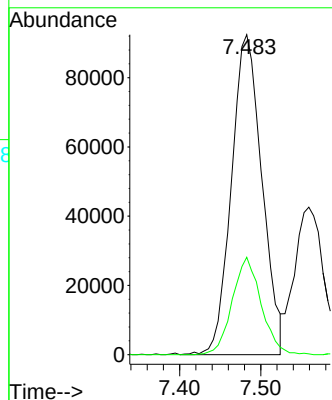
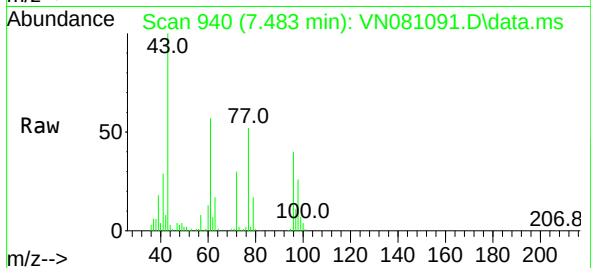
72 30.5 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#26

2,2-Dichloropropane

Concen: 19.476 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN081091.D

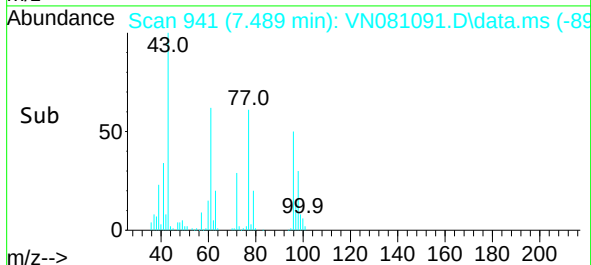
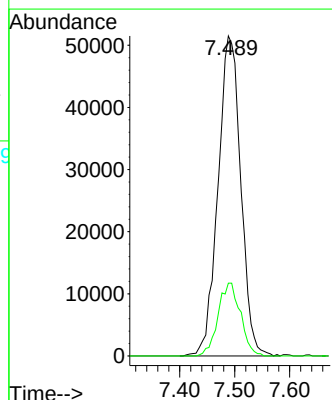
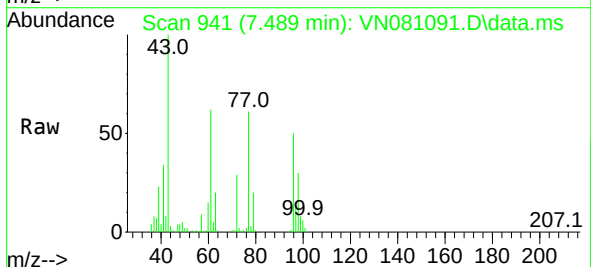
Acq: 20 Feb 2024 12:20

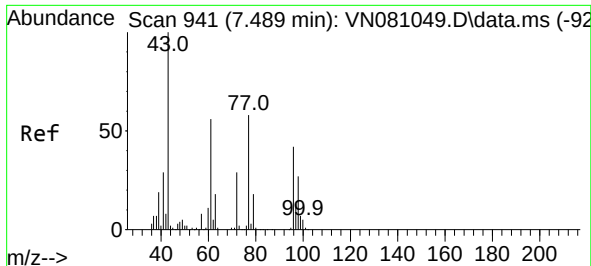
Tgt Ion: 77 Resp: 148190

Ion Ratio Lower Upper

77 100

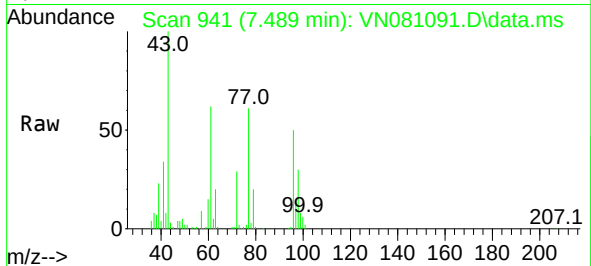
97 22.4 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 19.540 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

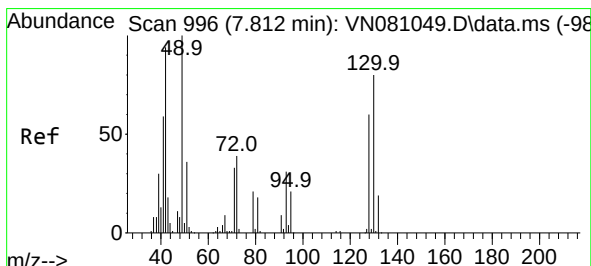
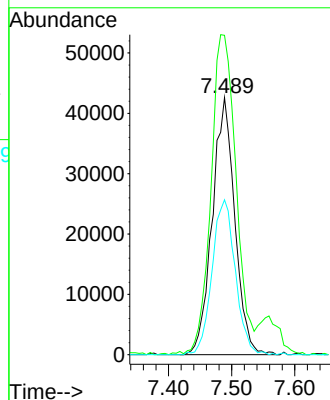
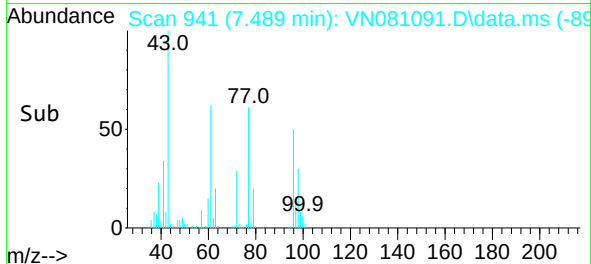
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 96 Resp: 105680
Ion Ratio Lower Upper
96 100
61 138.5 0.0 325.4
98 62.1 0.0 130.4

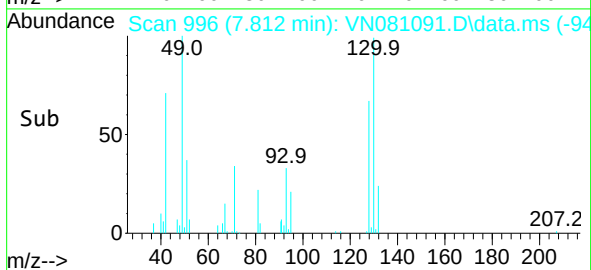
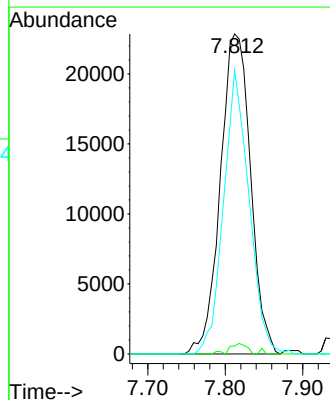
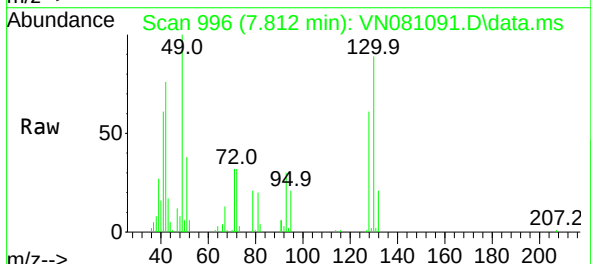
Manual Integrations
APPROVED

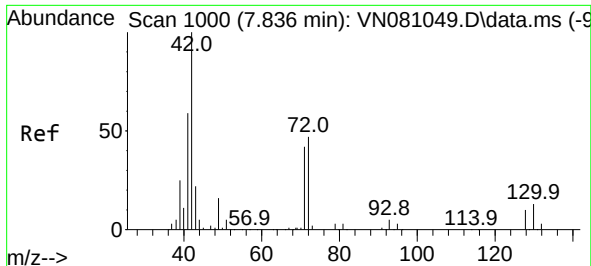
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#28
Bromochloromethane
Concen: 18.416 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Tgt Ion: 49 Resp: 62000
Ion Ratio Lower Upper
49 100
129 1.9 0.0 1.6#
130 74.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 87.711 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081091.D

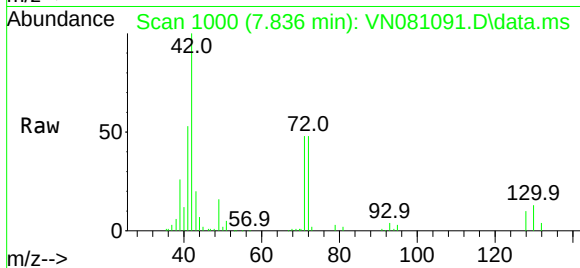
Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01



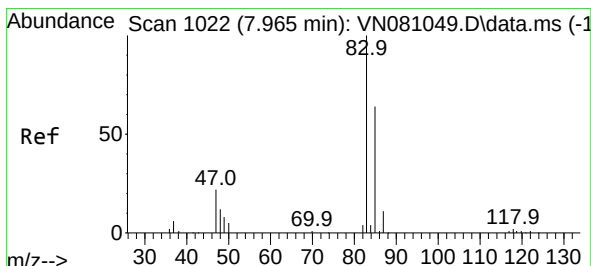
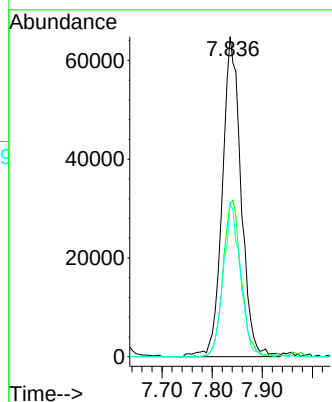
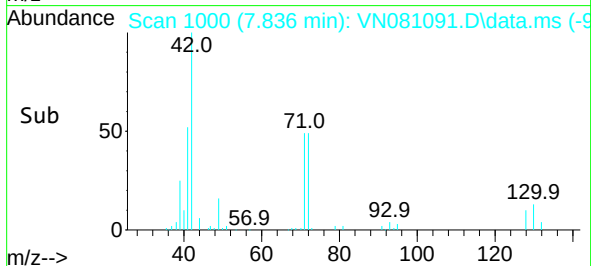
Tgt Ion:	42	Resp:	168328
Ion Ratio	Lower	Upper	
42	100		
72	46.9	31.1	46.7
71	43.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#30

Chloroform

Concen: 19.524 ug/l

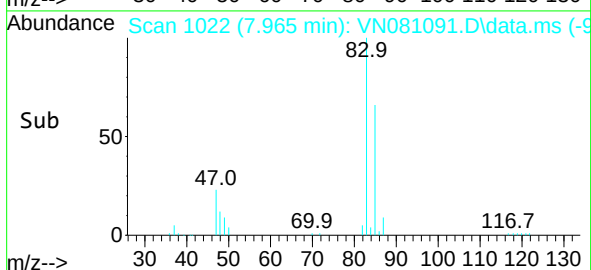
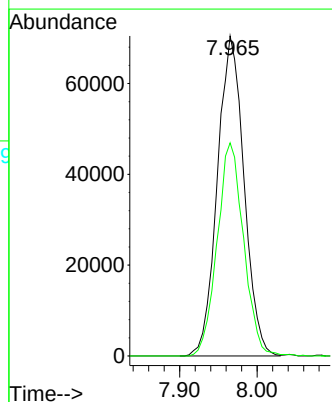
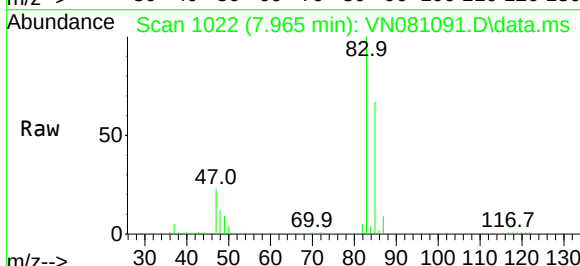
RT: 7.965 min Scan# 1022

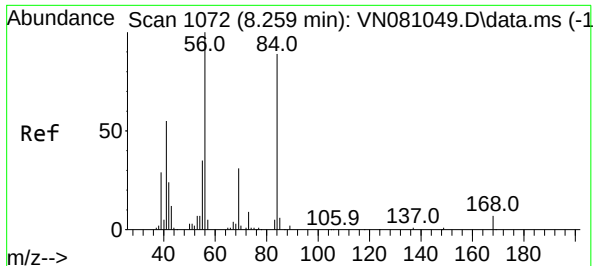
Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

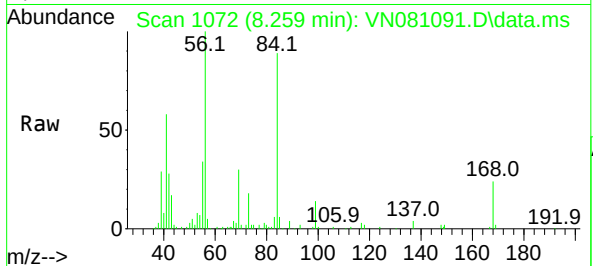
Tgt Ion:	83	Resp:	168545
Ion Ratio	Lower	Upper	
83	100		
85	66.6	51.0	76.6





#31
Cyclohexane
Concen: 19.346 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

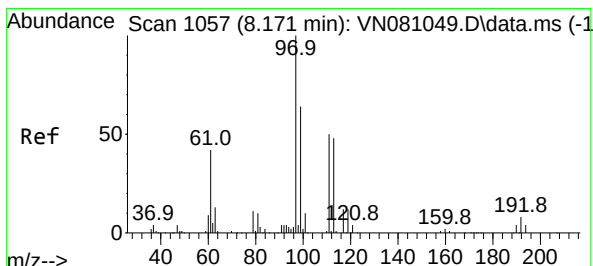
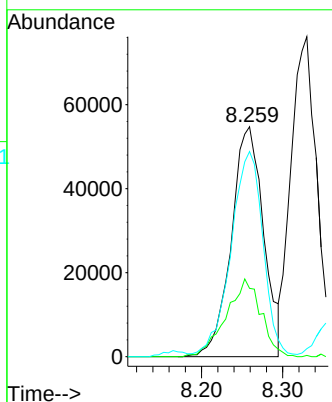
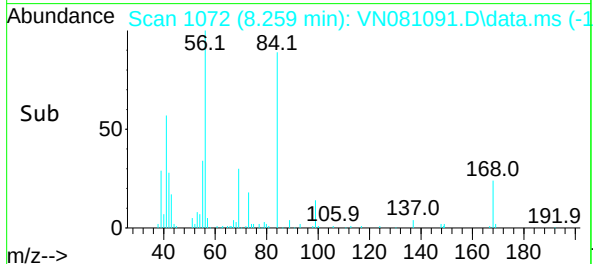
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



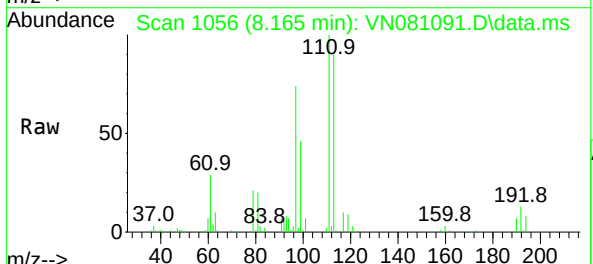
Tgt Ion: 56 Resp: 151072
Ion Ratio Lower Upper
56 100
69 29.1 20.1 30.1
84 87.1 56.9 85.3

Manual Integrations
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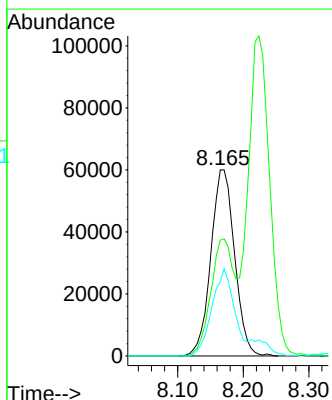
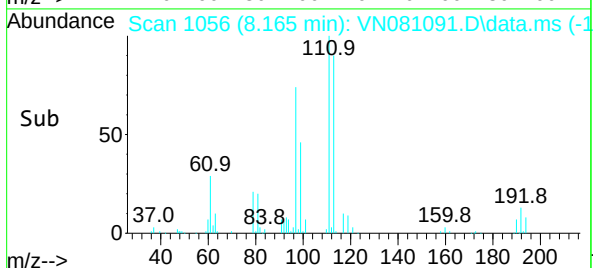
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

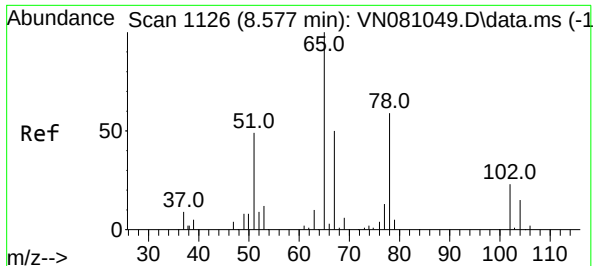


#32
1,1,1-Trichloroethane
Concen: 19.195 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 97 Resp: 150918
Ion Ratio Lower Upper
97 100
99 60.0 53.4 80.0
61 44.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.925 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 65 Resp: 207698

Ion Ratio Lower Upper

65 100

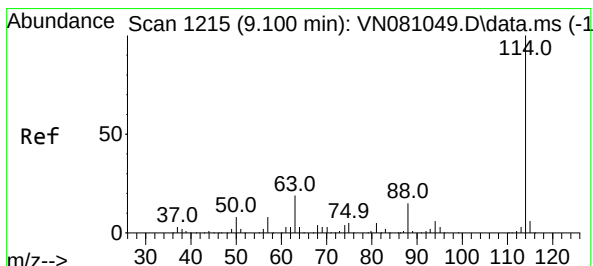
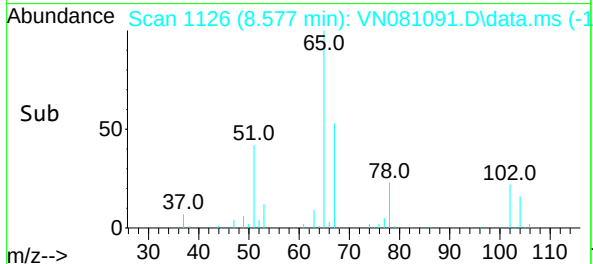
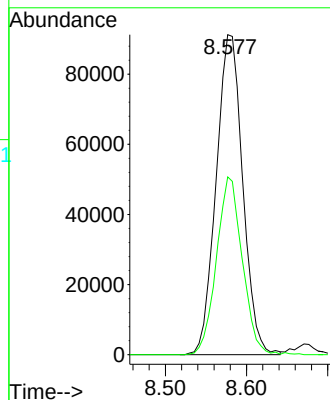
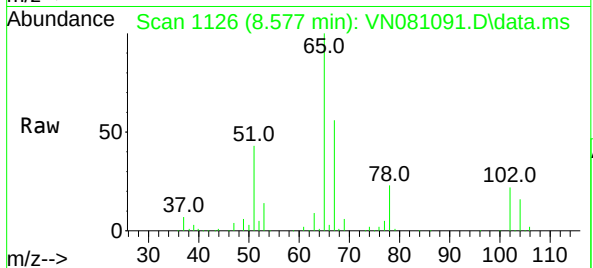
67 54.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

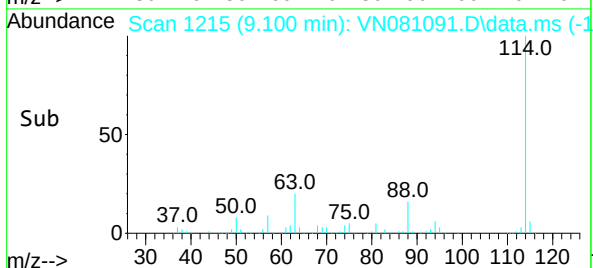
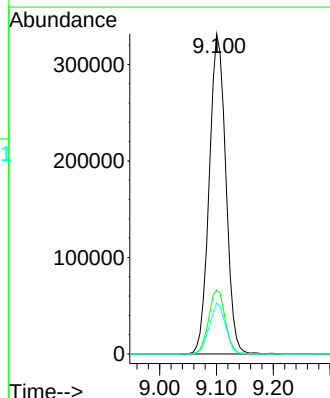
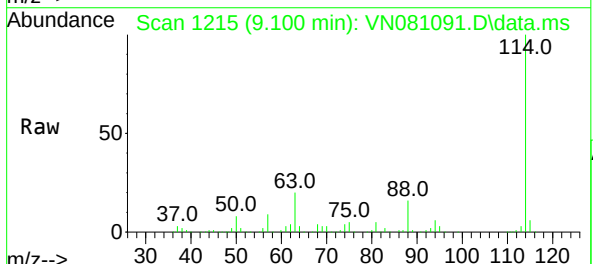
Tgt Ion:114 Resp: 669896

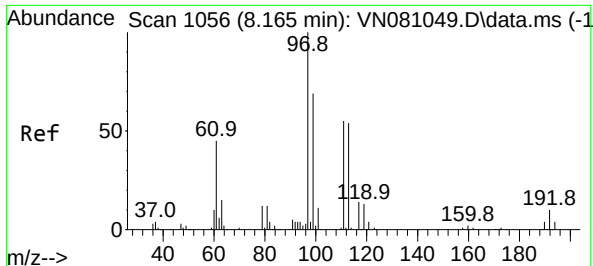
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

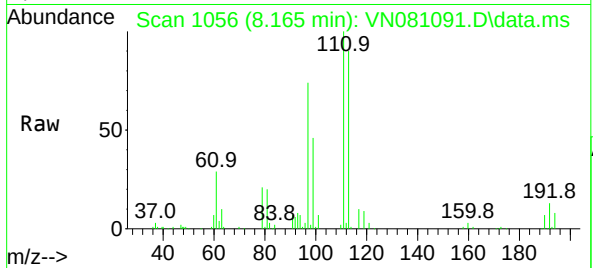
88 16.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.494 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

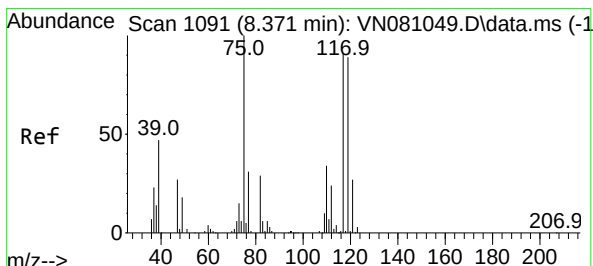
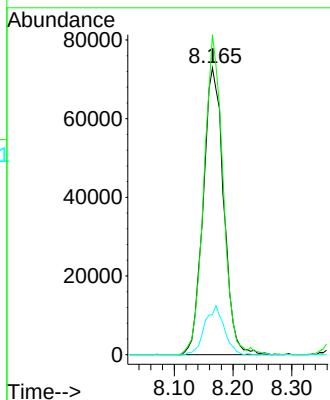
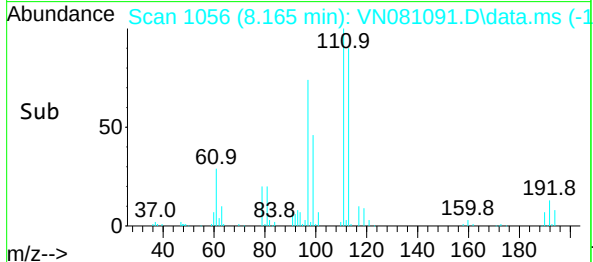
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



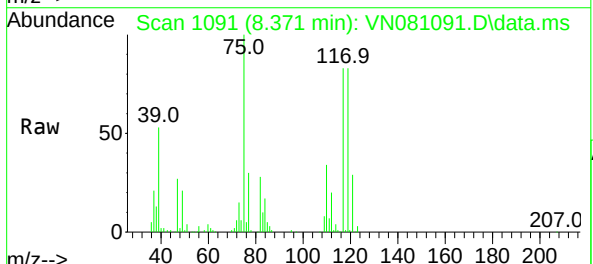
Tgt Ion: 113 Resp: 17612
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.2 12.5 18.7

Manual Integrations
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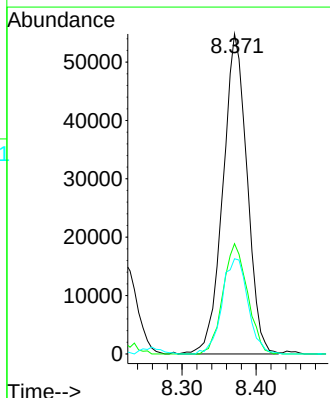
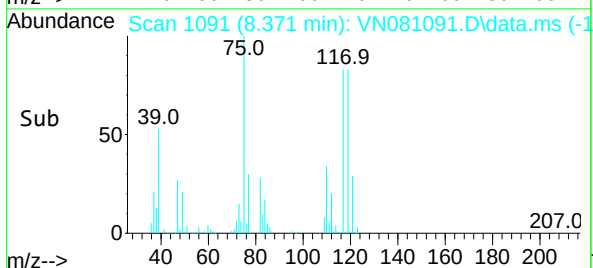
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

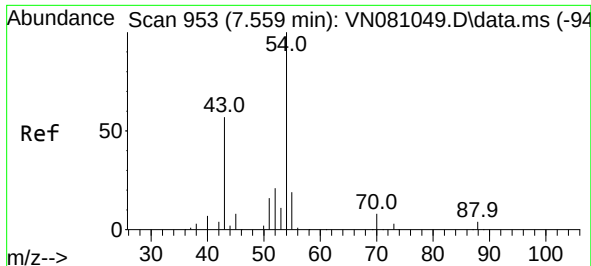


#36
1,1-Dichloropropene
Concen: 19.068 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 75 Resp: 123746
Ion Ratio Lower Upper
75 100
110 35.1 16.0 48.0
77 32.0 25.8 38.6





#37

Ethyl Acetate

Concen: 18.776 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081091.D

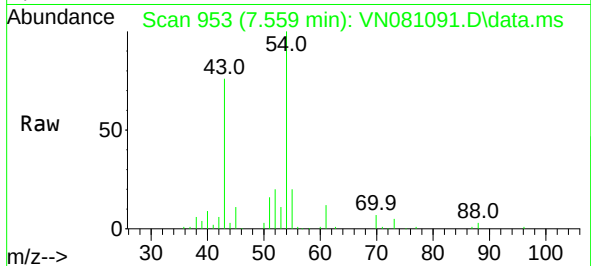
Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01



Tgt Ion: 43 Resp: 109974

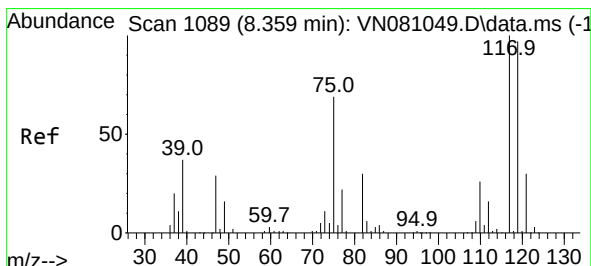
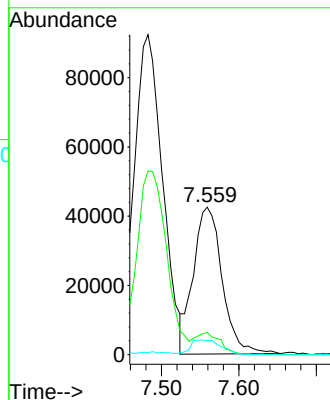
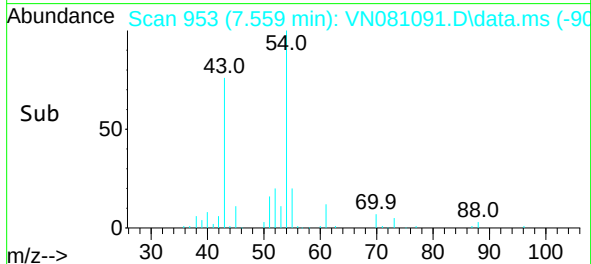
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.6	15.8
70	10.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#38

Carbon Tetrachloride

Concen: 19.528 ug/l

RT: 8.365 min Scan# 1090

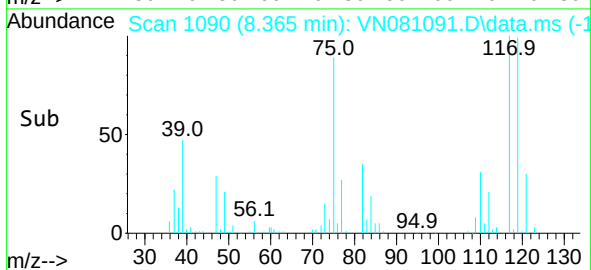
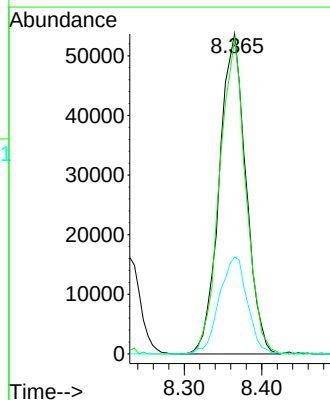
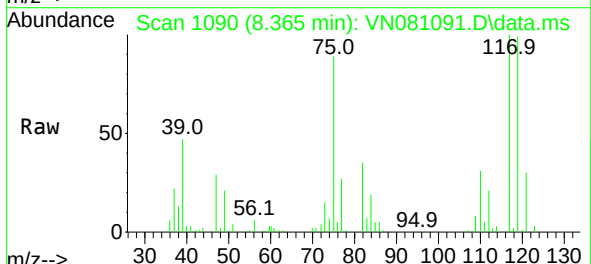
Delta R.T. 0.006 min

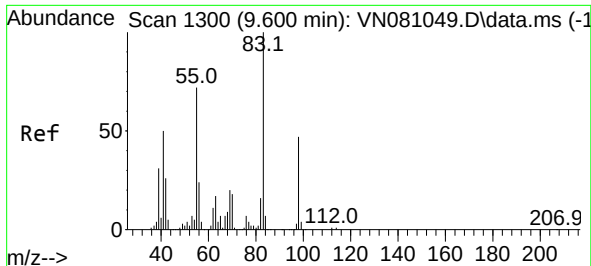
Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Tgt Ion:117 Resp: 128218

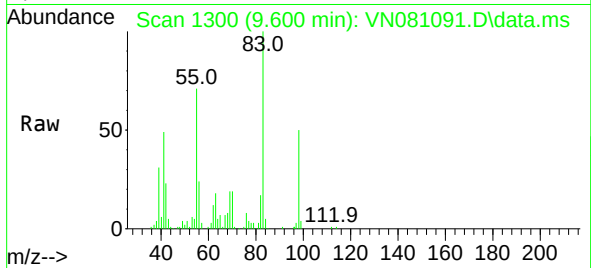
Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.4	110.2
121	30.4	24.4	36.6





#39
Methylcyclohexane
Concen: 19.676 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

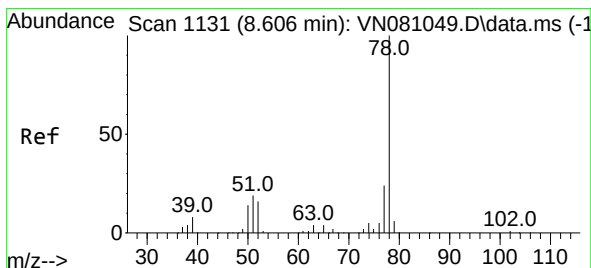
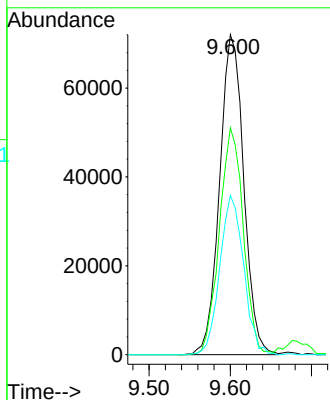
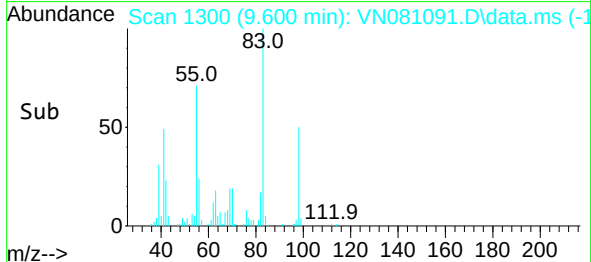
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 83 Resp: 14885
Ion Ratio Lower Upper
83 100
55 70.9 65.7 98.5
98 49.8 33.8 50.6

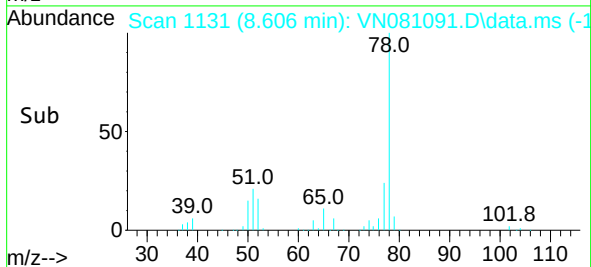
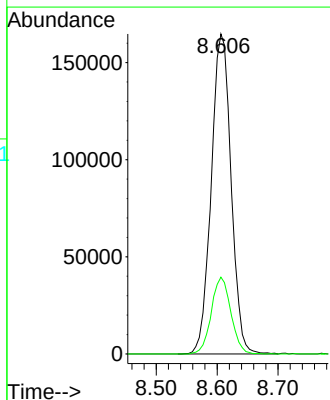
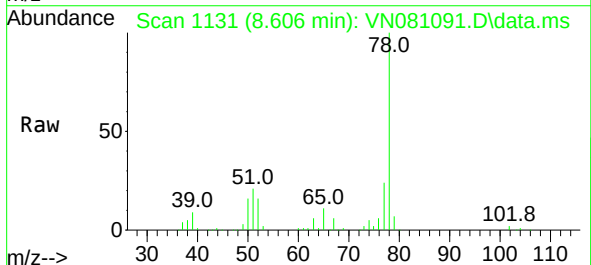
Manual Integrations
APPROVED

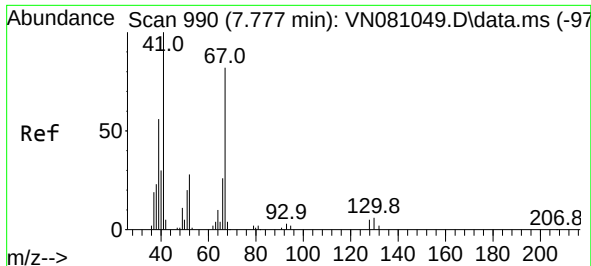
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#40
Benzene
Concen: 19.833 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

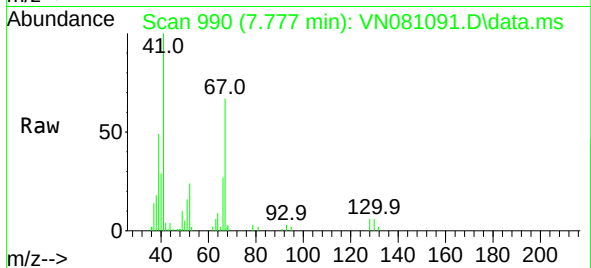
Tgt Ion: 78 Resp: 372559
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#41
Methacrylonitrile
Concen: 18.303 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

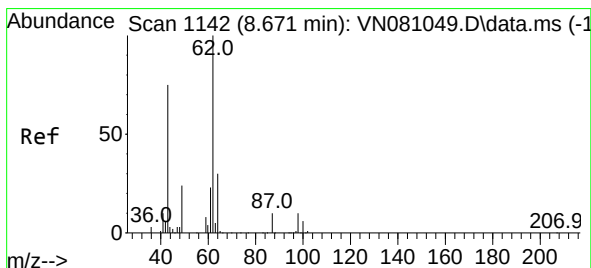
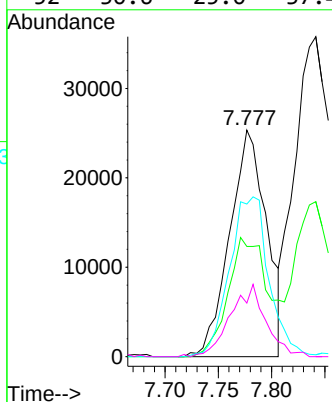
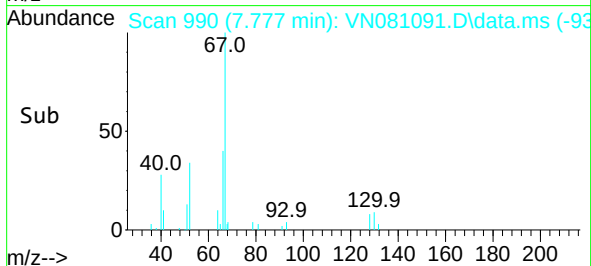
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



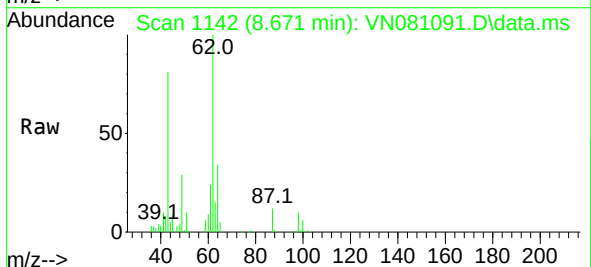
Tgt Ion: 41 Resp: 6101
Ion Ratio Lower Upper
41 100
39 59.5 48.4 72.6
67 75.4 56.8 85.2
52 30.6 25.0 37.4

Manual Integrations
APPROVED

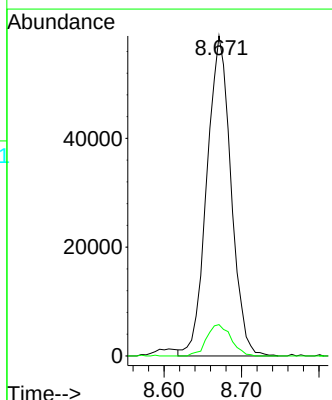
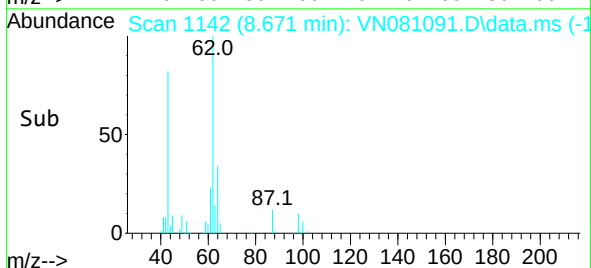
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

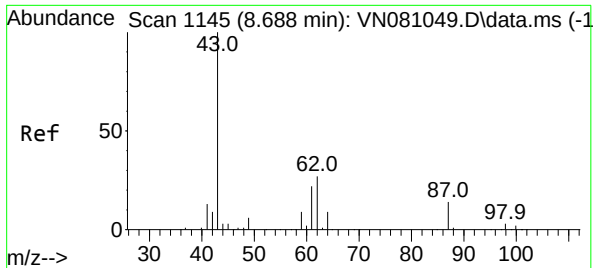


#42
1,2-Dichloroethane
Concen: 19.464 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 62 Resp: 127557
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 22.404 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 43 Resp: 229494

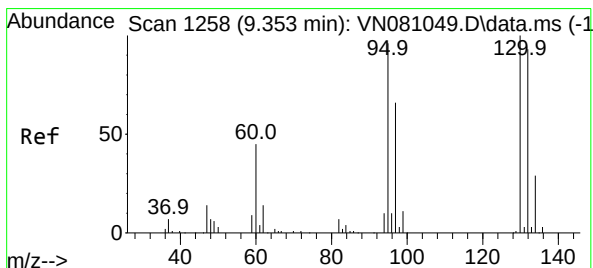
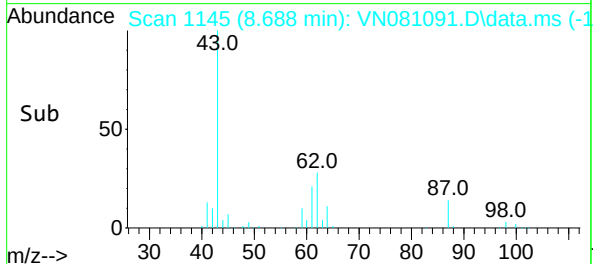
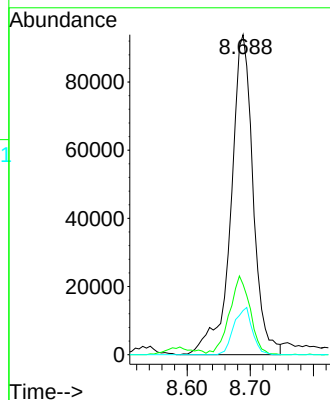
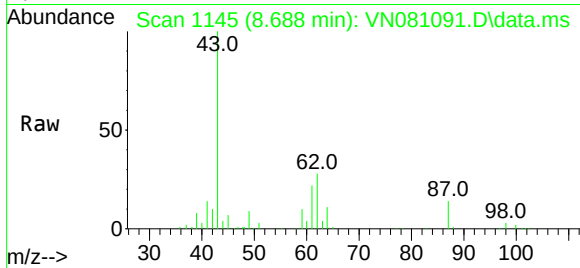
Ion	Ratio	Lower	Upper
43	100		
61	23.0	19.9	29.9
87	12.2	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#44

Trichloroethene

Concen: 19.330 ug/l

RT: 9.353 min Scan# 1258

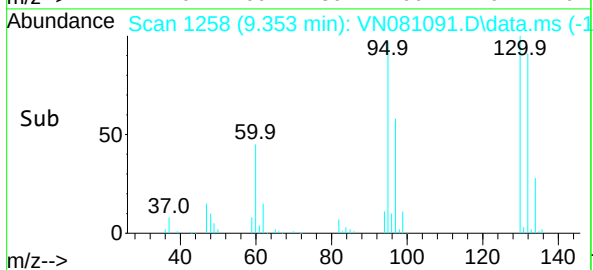
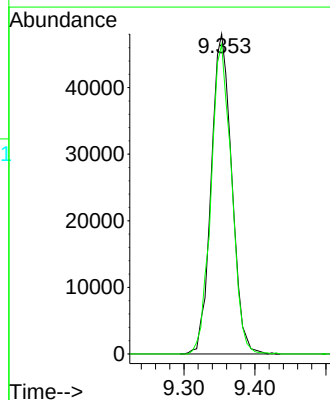
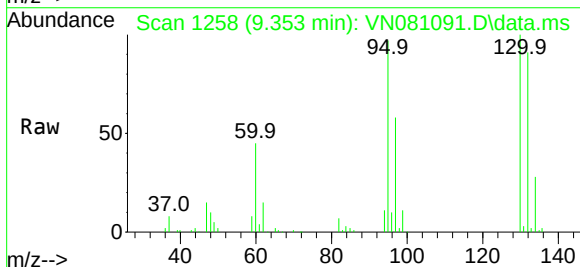
Delta R.T. 0.000 min

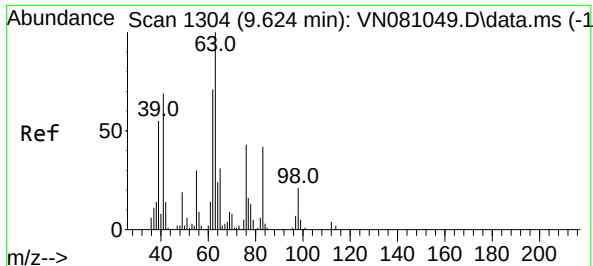
Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Tgt Ion:130 Resp: 96709

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	210.4





#45

1,2-Dichloropropane

Concen: 19.950 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 63 Resp: 9374

Ion Ratio Lower Upper

63 100

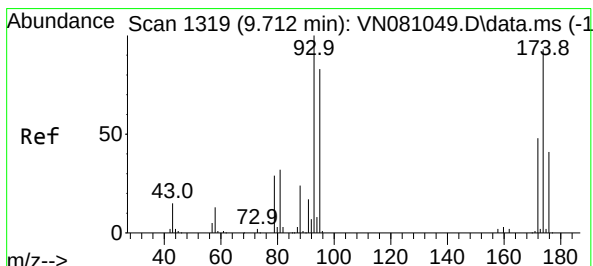
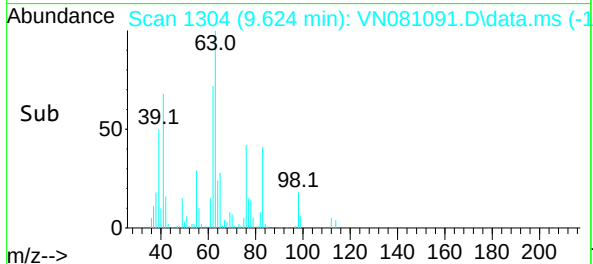
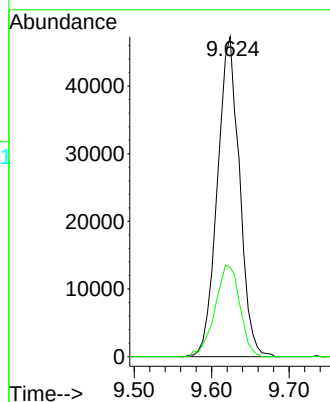
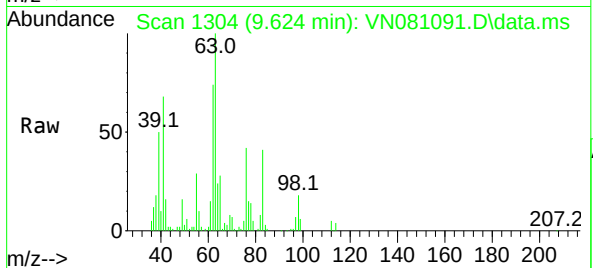
65 28.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 19.853 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

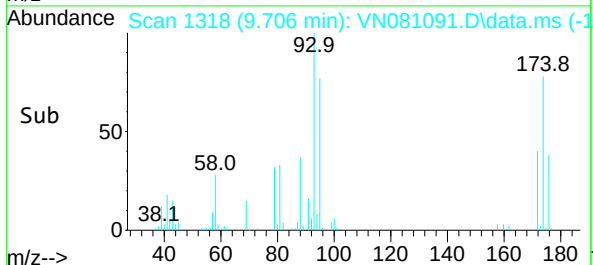
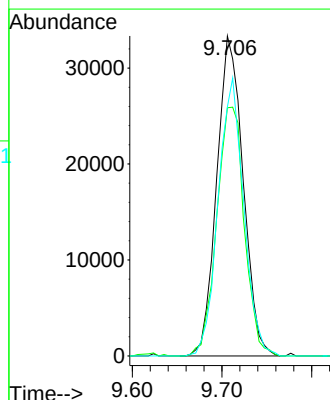
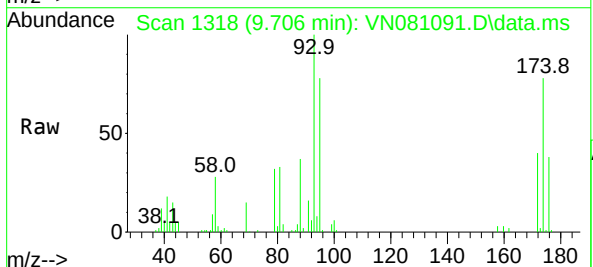
Tgt Ion: 93 Resp: 67971

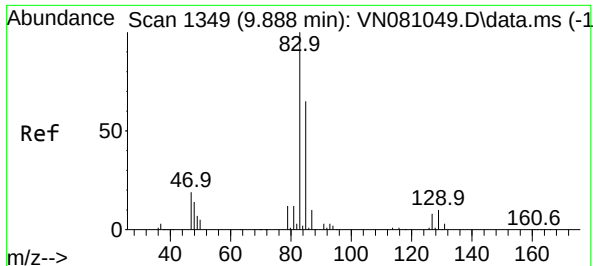
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

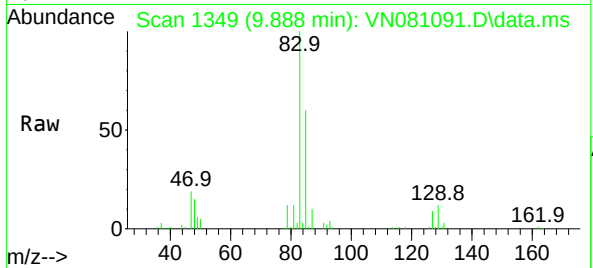
174 84.3 57.2 85.8





#47
Bromodichloromethane
Concen: 20.106 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

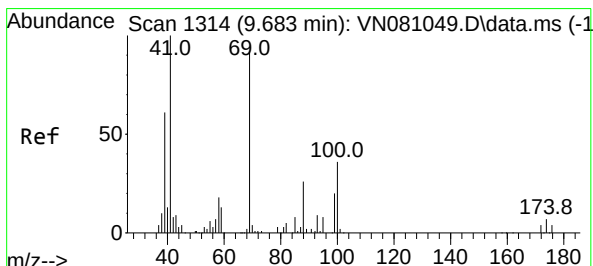
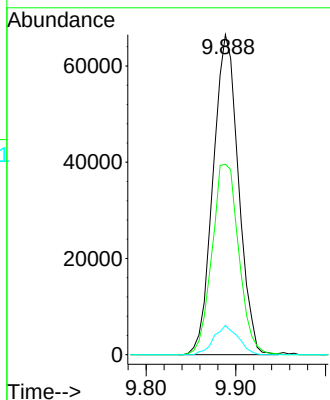
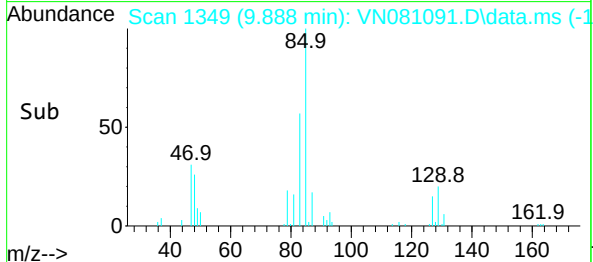
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



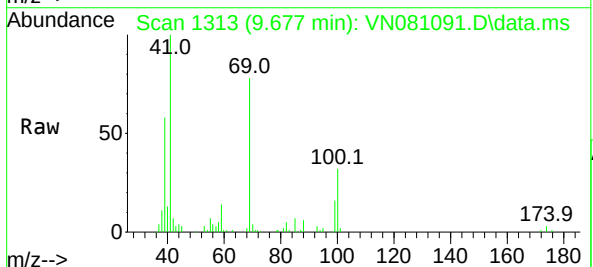
Tgt Ion: 83 Resp: 13037
Ion Ratio Lower Upper
83 100
85 59.6 52.3 78.5
127 9.2 4.6 7.0

Manual Integrations
APPROVED

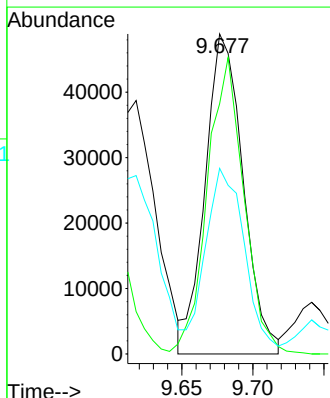
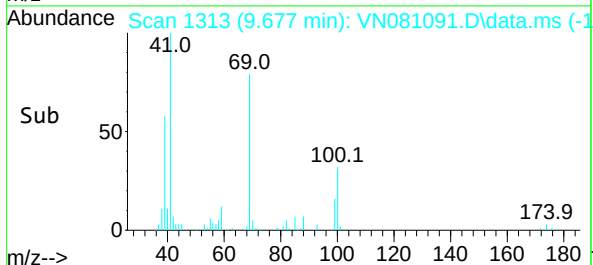
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

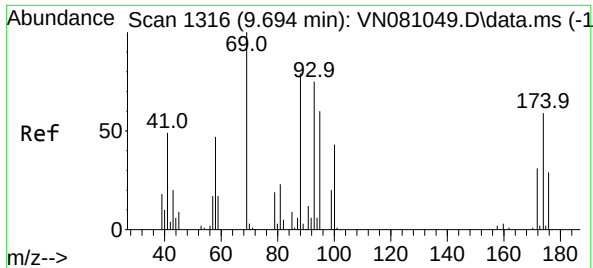


#48
Methyl methacrylate
Concen: 19.053 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



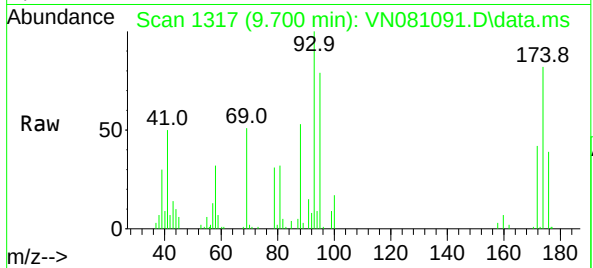
Tgt Ion: 41 Resp: 90816
Ion Ratio Lower Upper
41 100
69 89.4 62.2 93.2
39 59.0 47.6 71.4





#49
1,4-Dioxane
Concen: 345.421 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

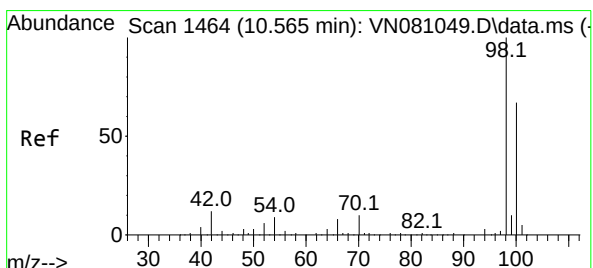
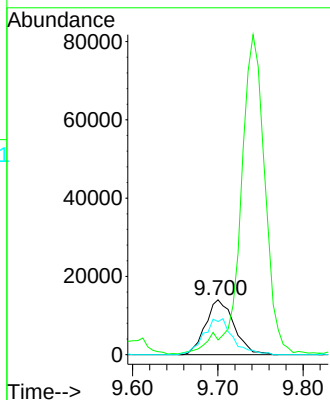
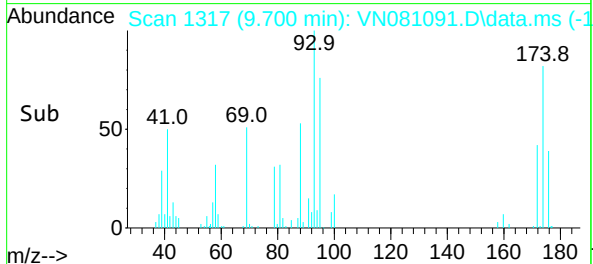
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 88 Resp: 32590
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 66.7 63.9 95.9

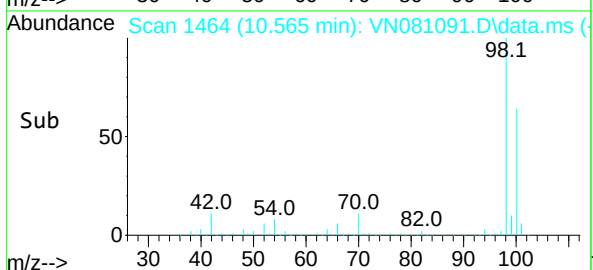
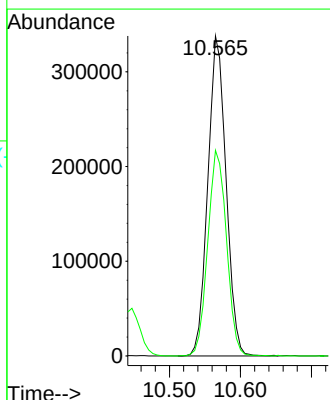
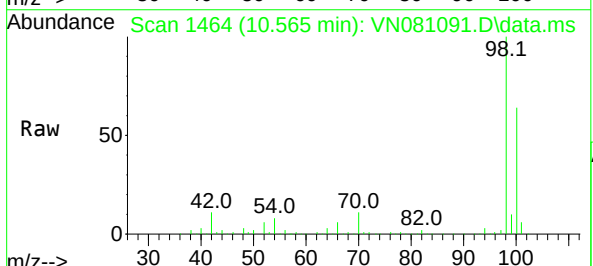
Manual Integrations
APPROVED

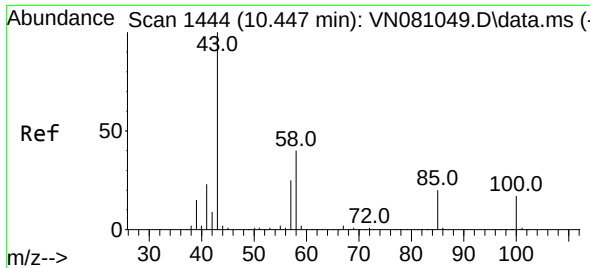
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#50
Toluene-d8
Concen: 44.790 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

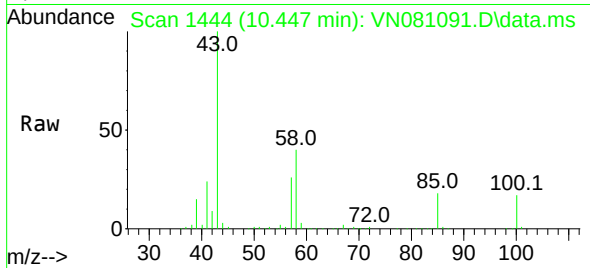
Tgt Ion: 98 Resp: 602618
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 92.505 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

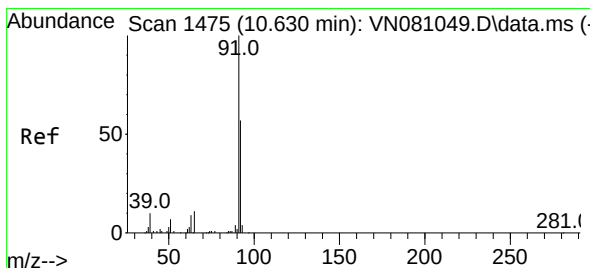
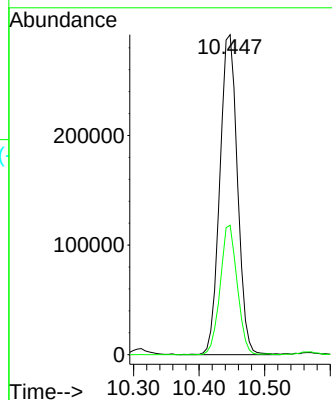
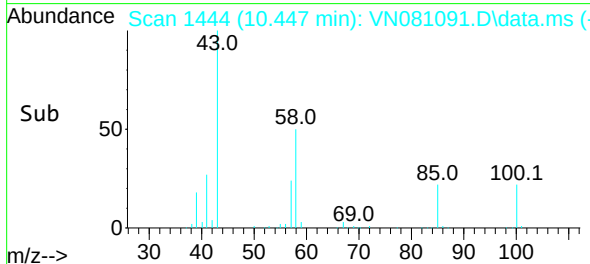
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



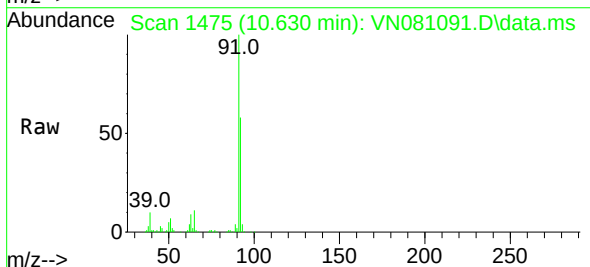
Tgt Ion: 43 Resp: 54510
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0

Manual Integrations
APPROVED

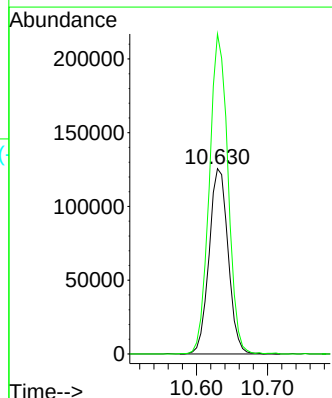
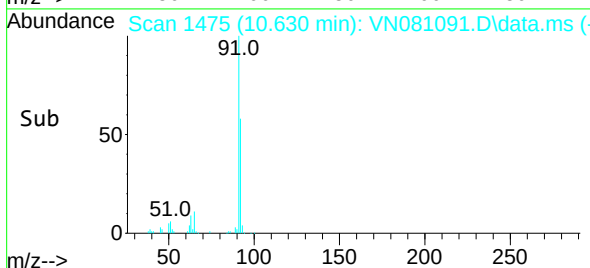
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

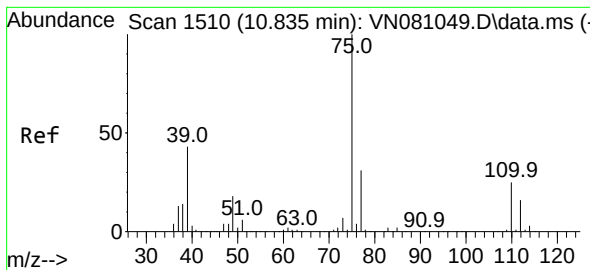


#52
Toluene
Concen: 19.640 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



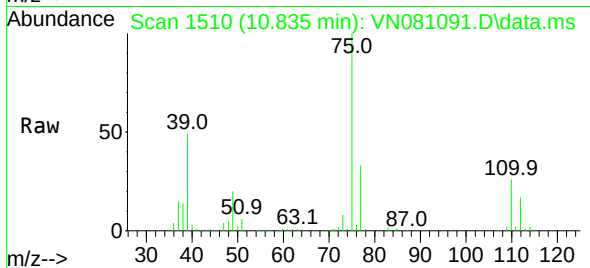
Tgt Ion: 92 Resp: 233558
Ion Ratio Lower Upper
92 100
91 169.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.176 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

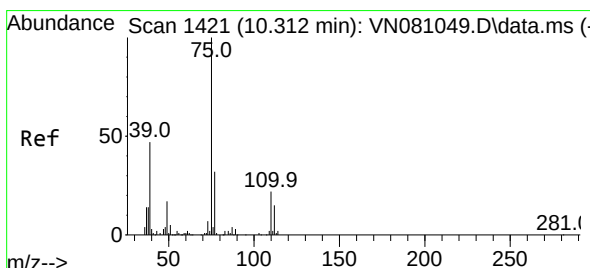
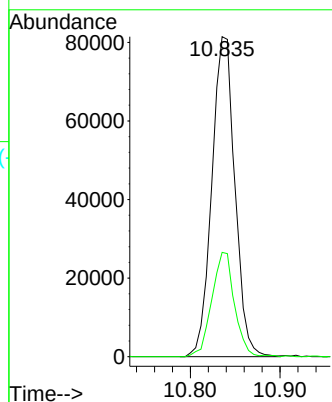
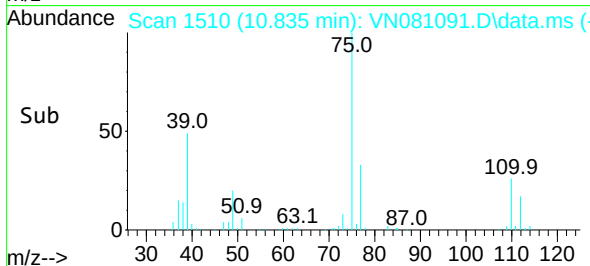
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



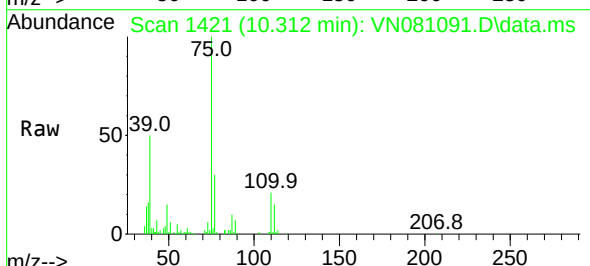
Tgt Ion: 75 Resp: 14538
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

Manual Integrations
APPROVED

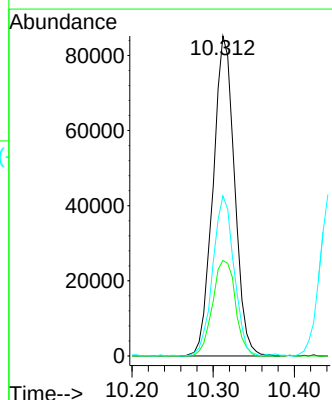
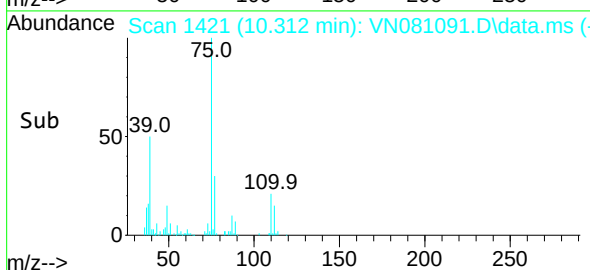
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

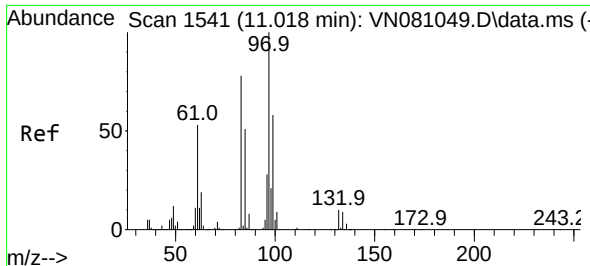


#54
cis-1,3-Dichloropropene
Concen: 20.147 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



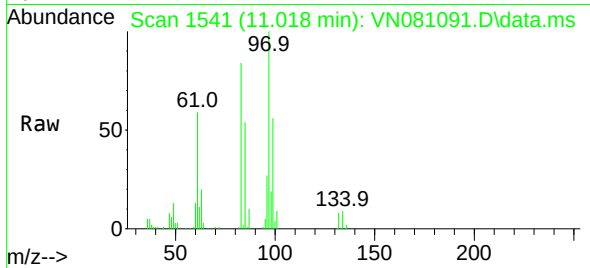
Tgt Ion: 75 Resp: 156848
Ion Ratio Lower Upper
75 100
77 29.9 23.3 34.9
39 50.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.939 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

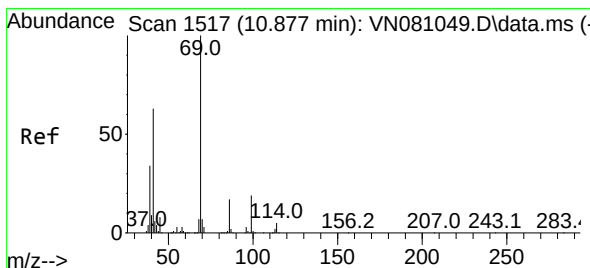
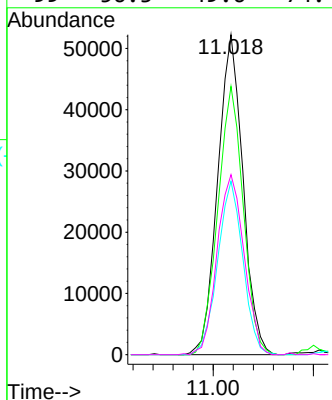
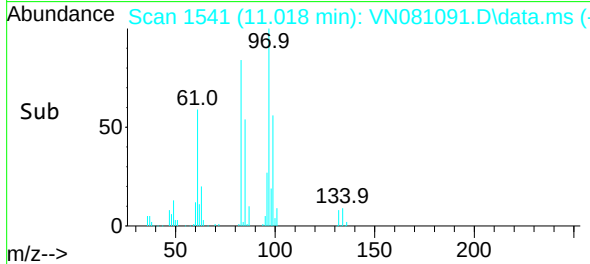
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



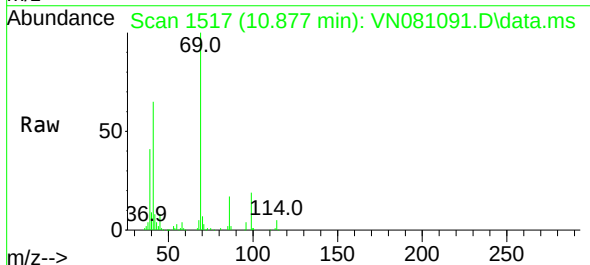
Tgt Ion: 97	Resp: 91200
Ion Ratio	Lower Upper
97 100	
83 83.8	72.9 109.3
85 54.2	50.2 75.2
99 56.3	49.6 74.4

Manual Integrations
APPROVED

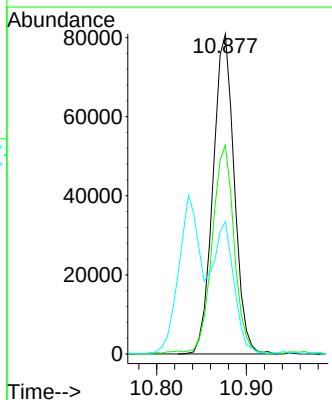
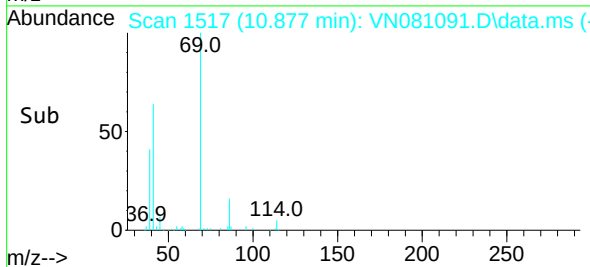
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

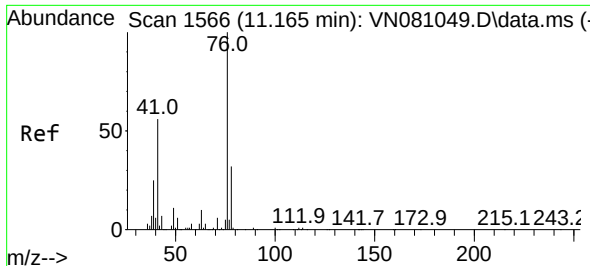


#56
Ethyl methacrylate
Concen: 18.988 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 69	Resp: 132730
Ion Ratio	Lower Upper
69 100	
41 68.4	61.0 91.6
39 36.4	31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.237 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 76 Resp: 16004

Ion Ratio Lower Upper

76 100

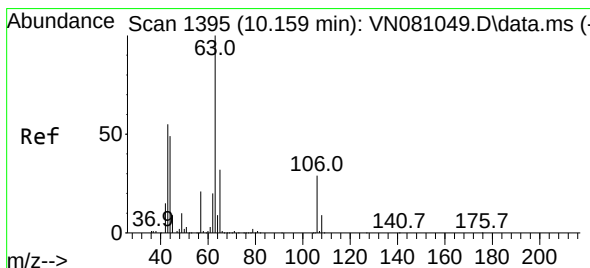
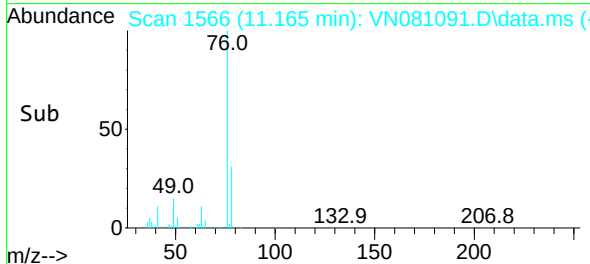
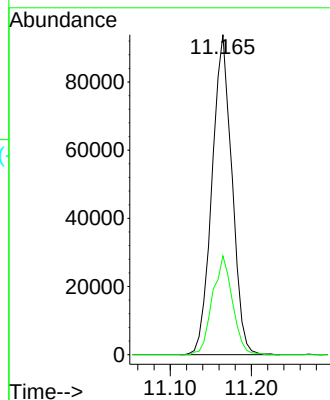
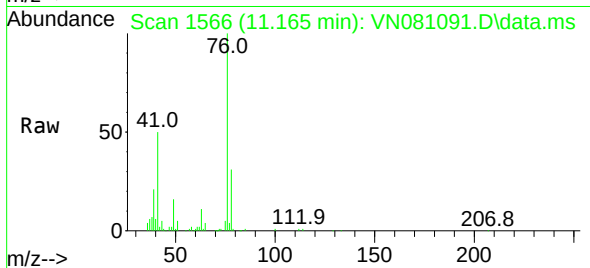
78 30.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 90.145 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081091.D

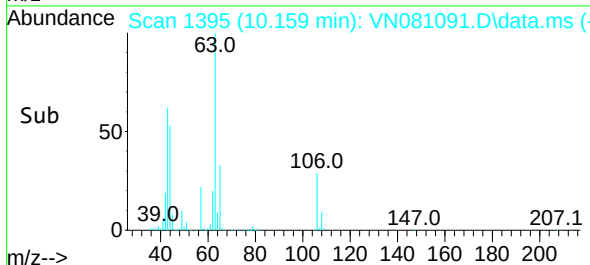
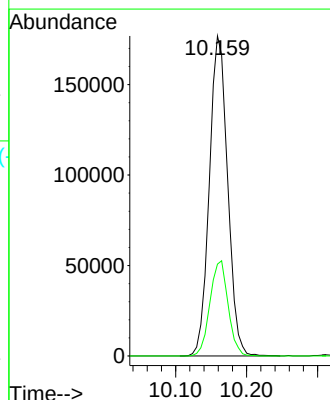
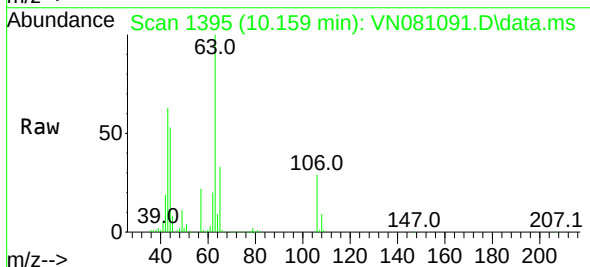
Acq: 20 Feb 2024 12:20

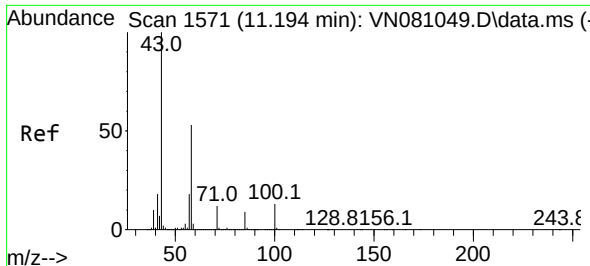
Tgt Ion: 63 Resp: 316175

Ion Ratio Lower Upper

63 100

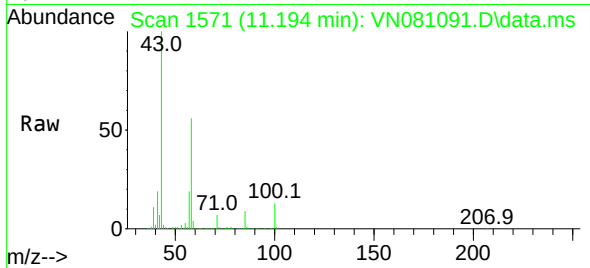
106 29.5 18.6 28.0#





#59
2-Hexanone
Concen: 82.437 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

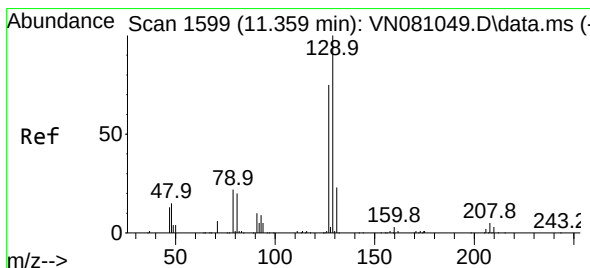
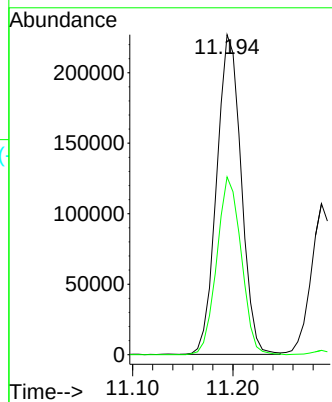
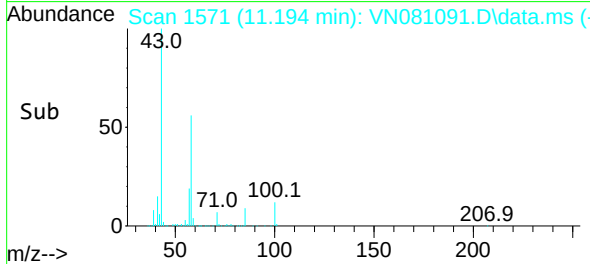
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 43 Resp: 38512
Ion Ratio Lower Upper
43 100
58 55.3 25.9 77.8

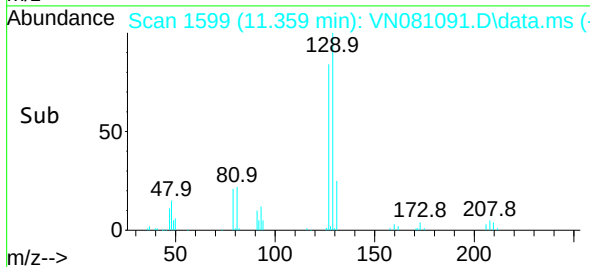
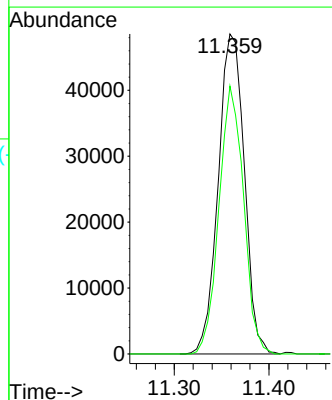
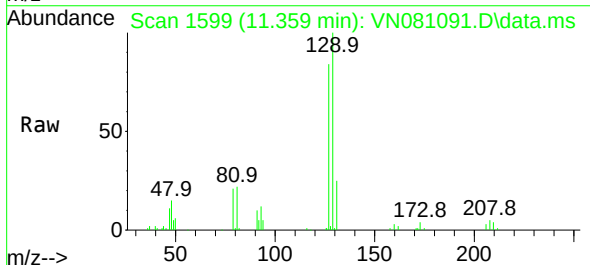
Manual Integrations
APPROVED

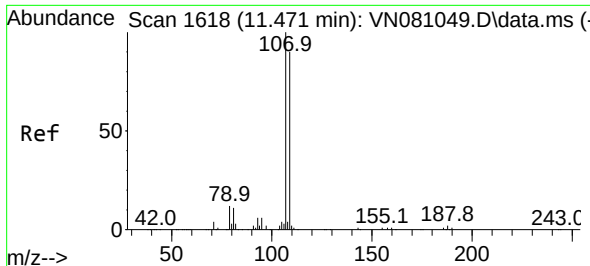
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#60
Dibromochloromethane
Concen: 19.163 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

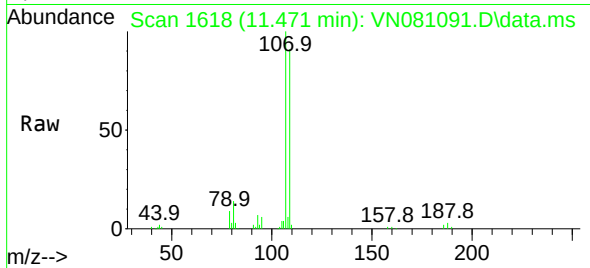
Tgt Ion:129 Resp: 93115
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.060 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

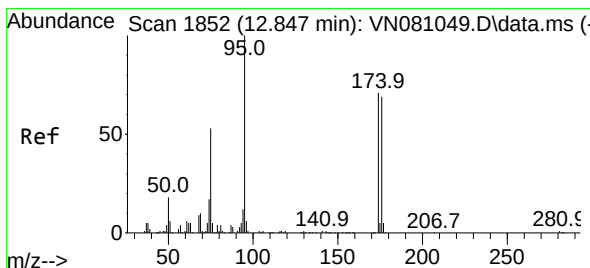
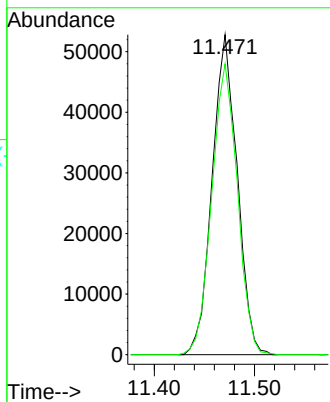
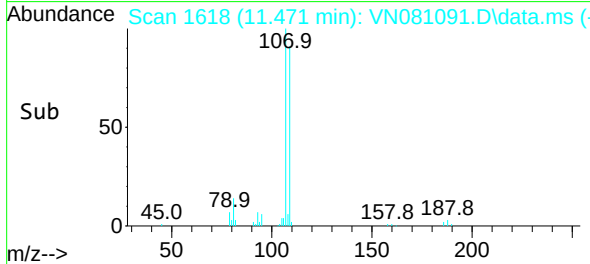
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



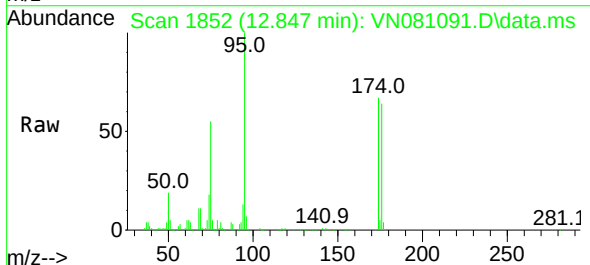
Tgt Ion:107 Resp: 91674
Ion Ratio Lower Upper
107 100
109 93.2 73.4 110.2

Manual Integrations
APPROVED

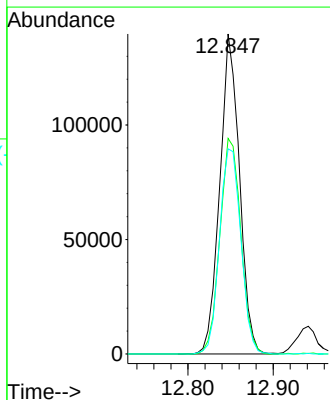
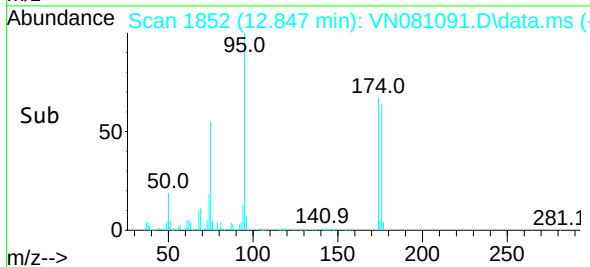
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

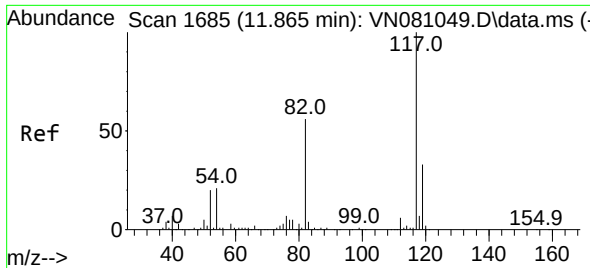


#62
4-Bromofluorobenzene
Concen: 44.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



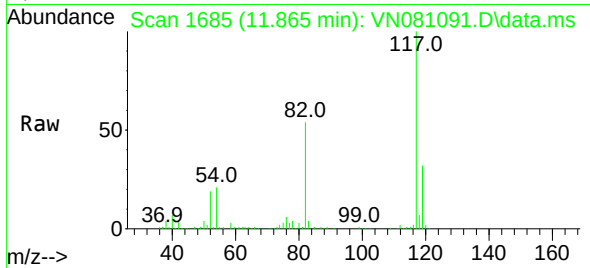
Tgt Ion: 95 Resp: 224619
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 69.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

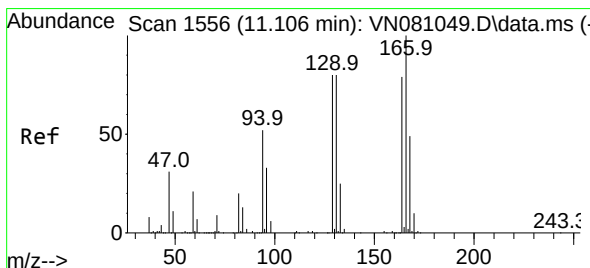
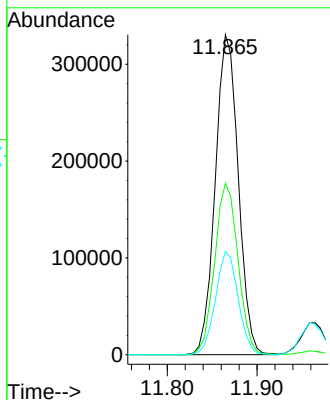
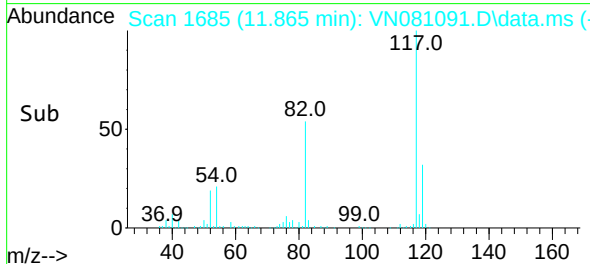
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



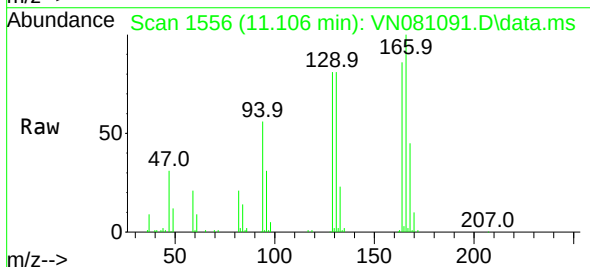
Tgt Ion:117 Resp: 58796
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 32.2 25.3 37.9

Manual Integrations
APPROVED

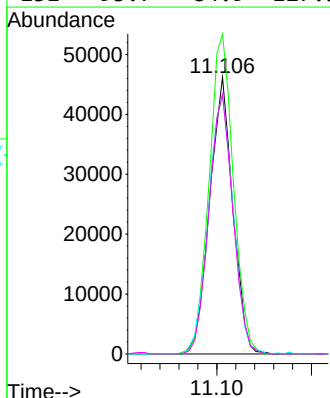
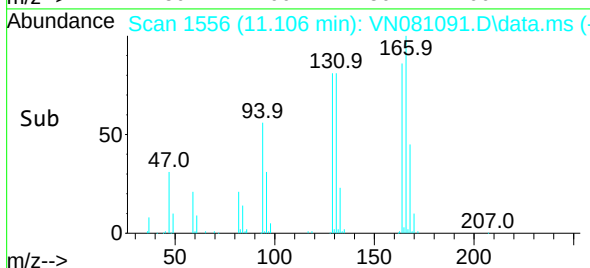
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

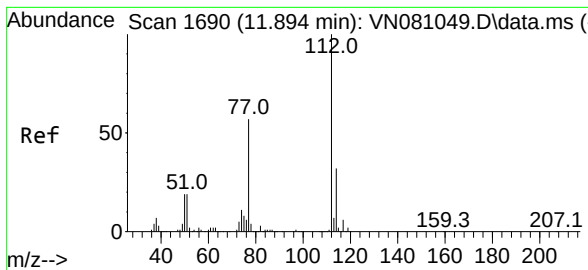


#64
Tetrachloroethene
Concen: 19.525 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



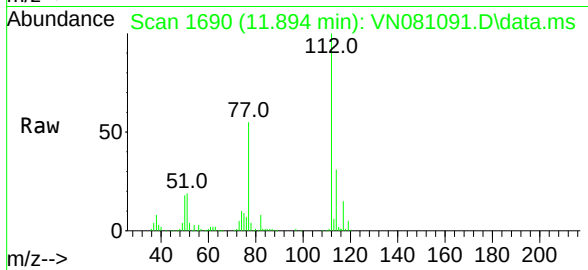
Tgt Ion:164 Resp: 78350
Ion Ratio Lower Upper
164 100
166 115.7 105.8 158.6
129 94.0 89.6 134.4
131 93.7 84.9 127.3





#65
Chlorobenzene
Concen: 19.106 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

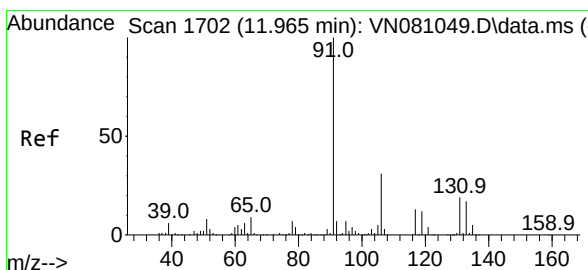
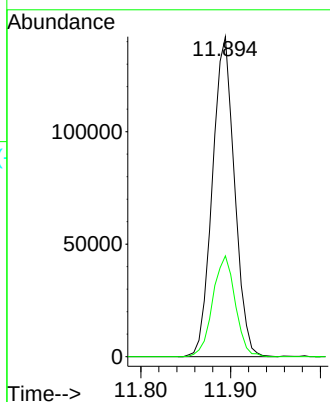
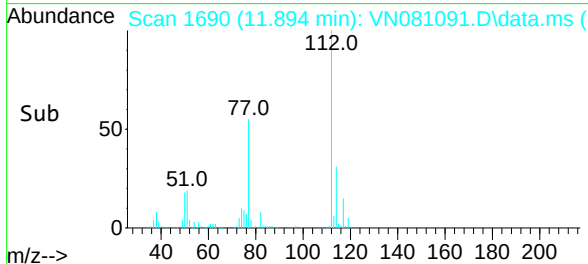
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



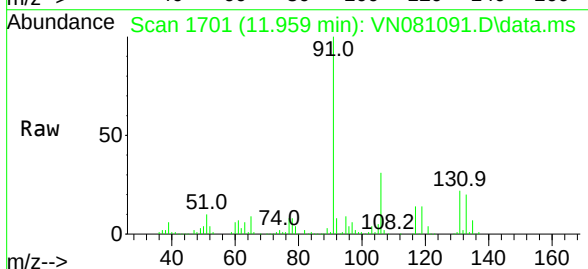
Tgt Ion:112 Resp: 243128
Ion Ratio Lower Upper
112 100
114 31.5 23.7 35.5

Manual Integrations
APPROVED

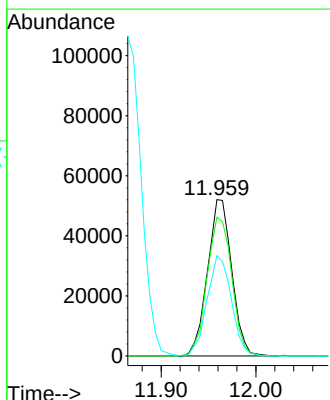
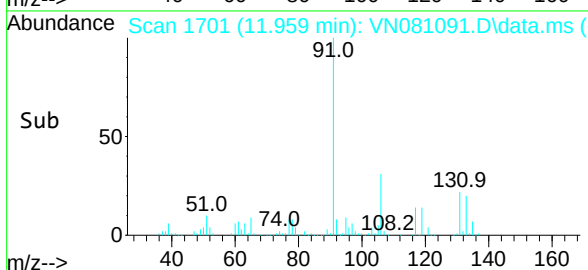
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

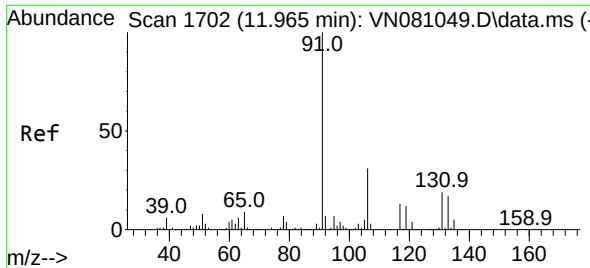


#66
1,1,1,2-Tetrachloroethane
Concen: 20.283 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



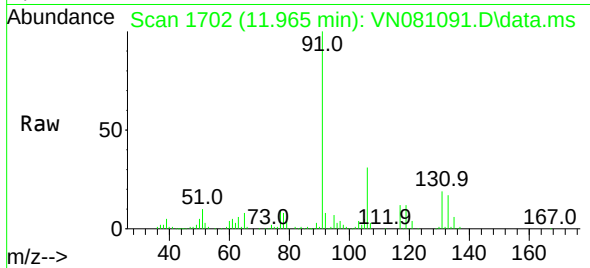
Tgt Ion:131 Resp: 92708
Ion Ratio Lower Upper
131 100
133 90.2 46.8 140.3
119 64.1 34.6 103.9





#67
Ethyl Benzene
Concen: 19.424 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

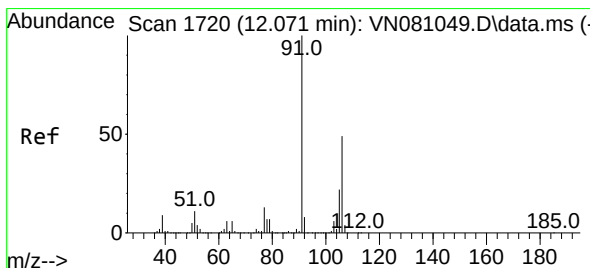
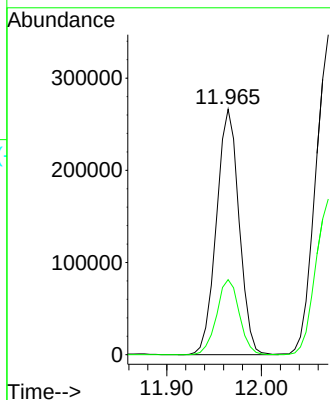
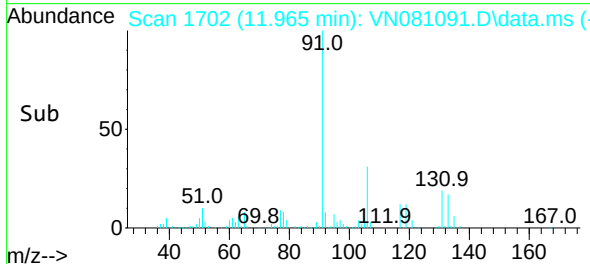
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



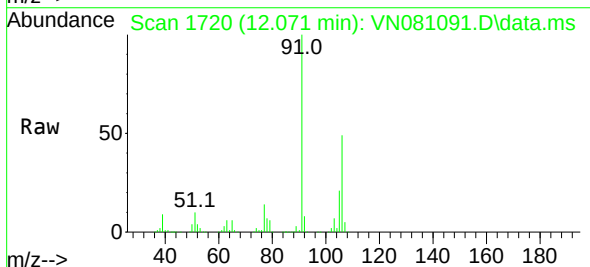
Tgt Ion: 91 Resp: 442308
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

Manual Integrations
APPROVED

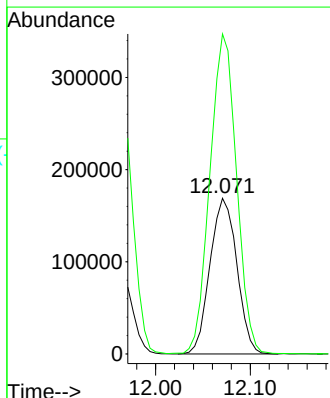
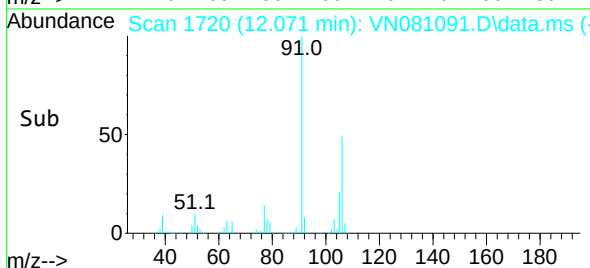
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

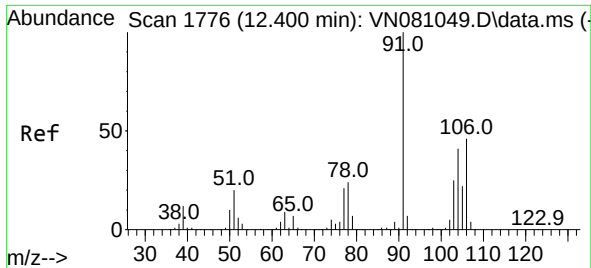


#68
m/p-Xylenes
Concen: 38.204 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



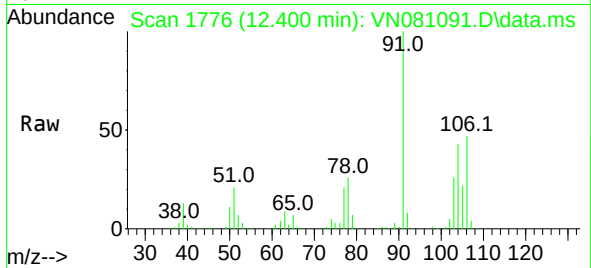
Tgt Ion:106 Resp: 333452
Ion Ratio Lower Upper
106 100
91 203.5 169.0 253.6





#69
o-Xylene
Concen: 19.149 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

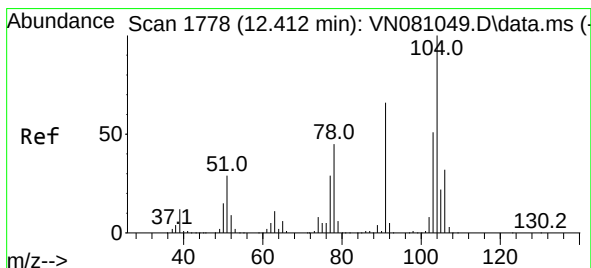
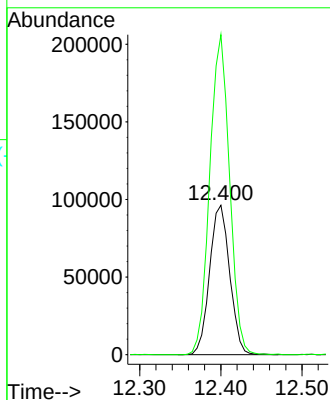
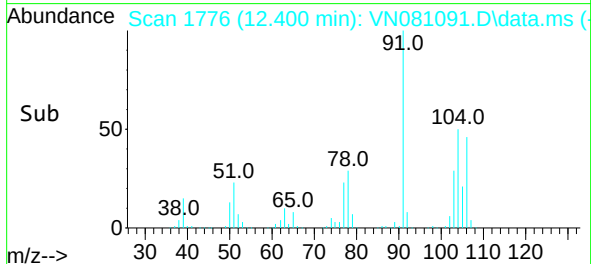
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



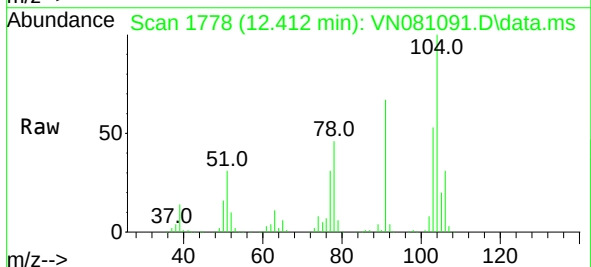
Tgt Ion:106 Resp: 165679
Ion Ratio Lower Upper
106 100
91 211.1 112.1 336.3

Manual Integrations
APPROVED

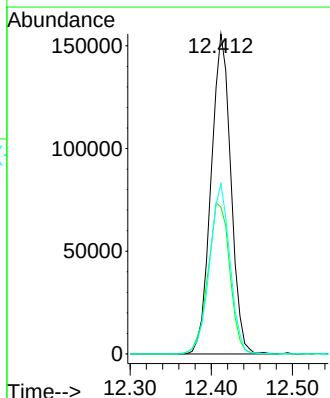
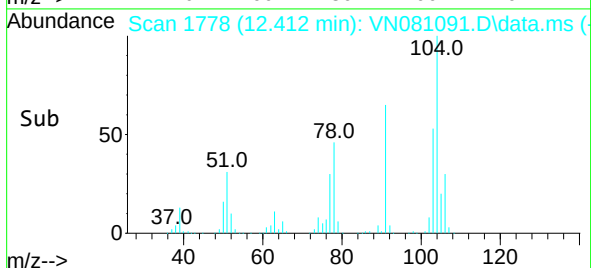
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

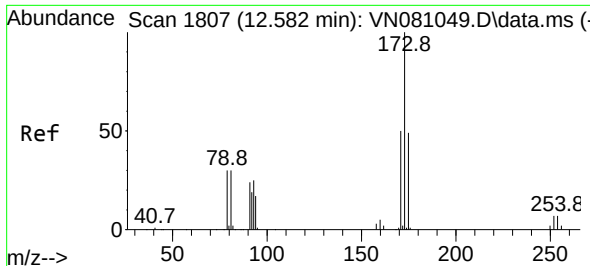


#70
Styrene
Concen: 19.233 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion:104 Resp: 263686
Ion Ratio Lower Upper
104 100
78 51.9 43.8 65.8
103 54.6 44.2 66.2





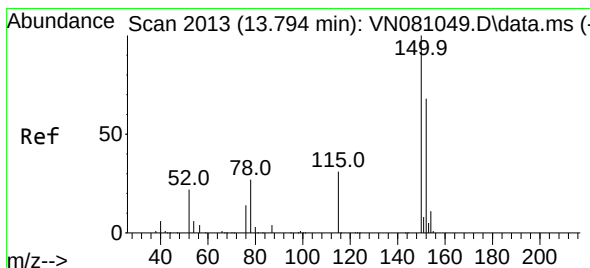
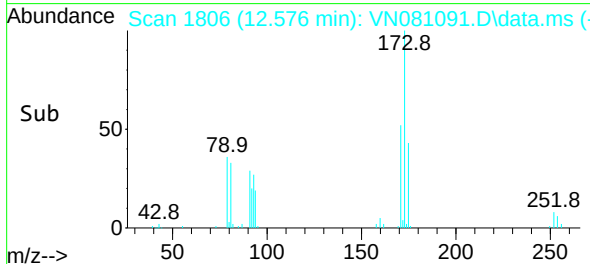
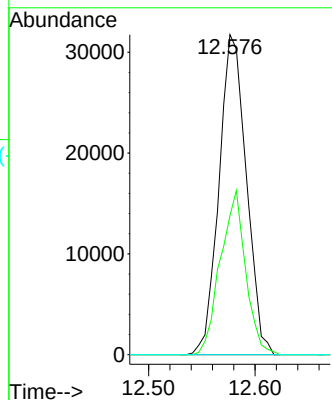
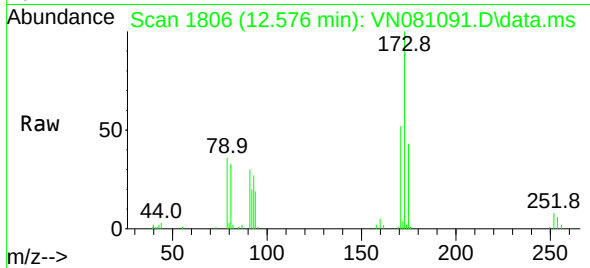
#71
Bromoform
Concen: 19.461 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion:173 Resp: 56434
Ion Ratio Lower Upper
173 100
175 47.4 23.1 69.2
254 0.0 0.0 0.0

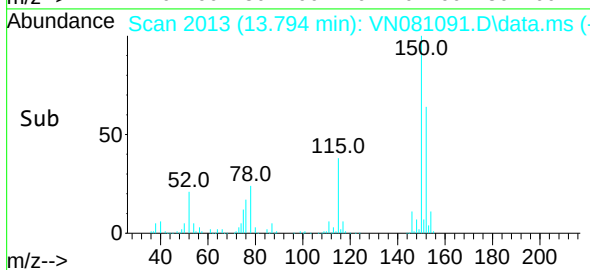
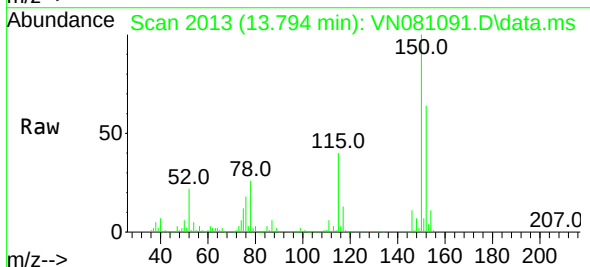
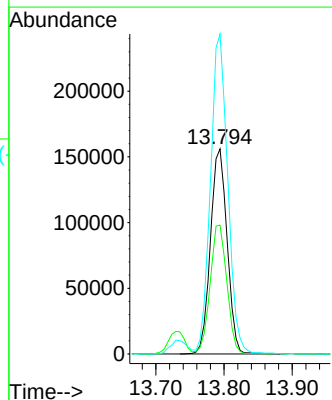
Manual Integrations
APPROVED

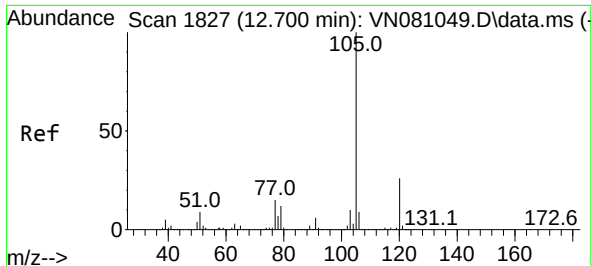
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

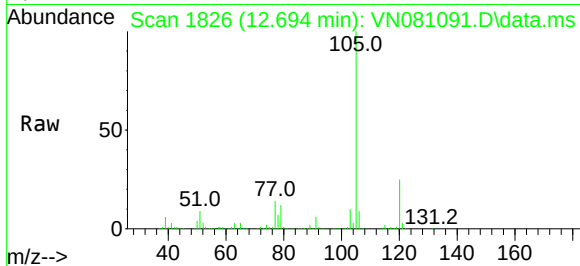
Tgt Ion:152 Resp: 265472
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 161.6 0.0 339.8





#73
Isopropylbenzene
Concen: 18.466 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

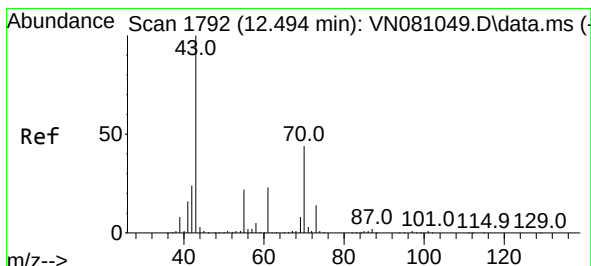
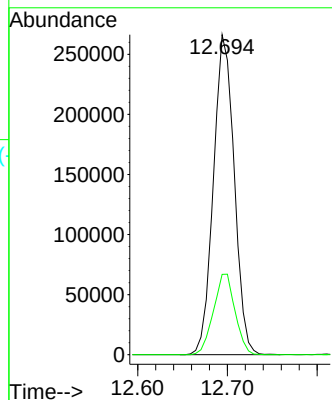
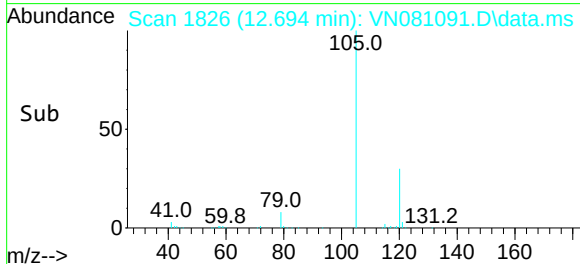
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion:105 Resp: 42890
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

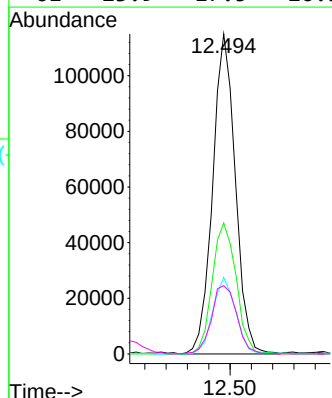
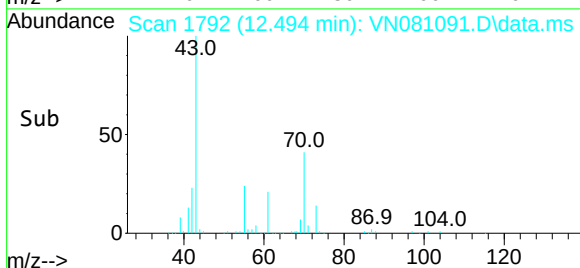
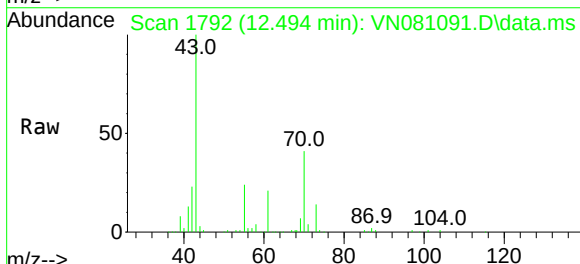
Manual Integrations
APPROVED

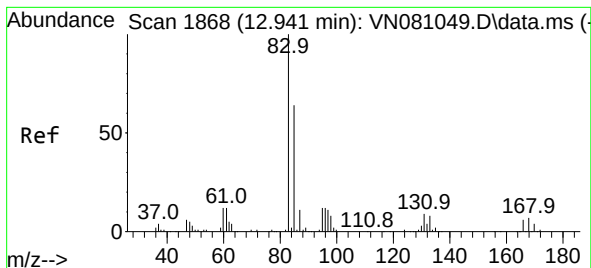
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#74
N-ethyl acetate
Concen: 17.313 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Tgt Ion: 43 Resp: 169958
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 24.2 17.0 25.4
61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.227 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 83 Resp: 11904

Ion Ratio Lower Upper

83 100

131 10.3 4.1 12.3

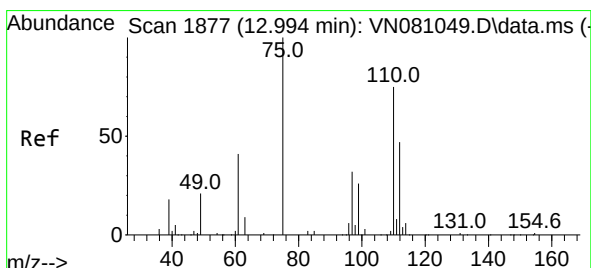
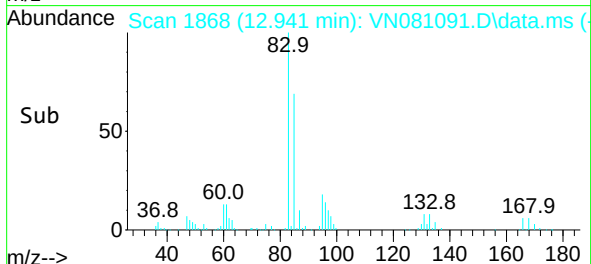
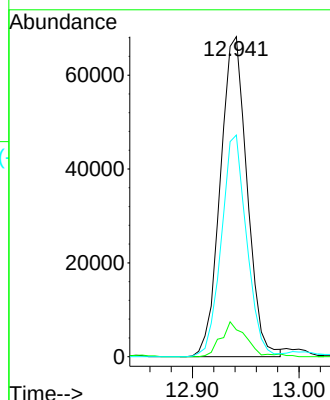
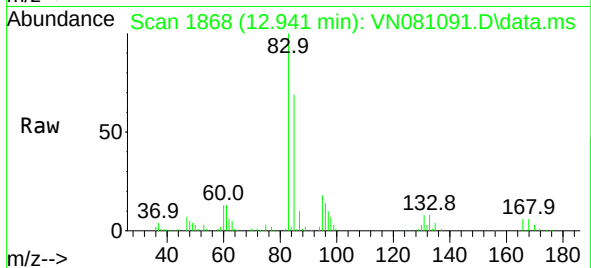
85 65.5 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#76

1,2,3-Trichloropropane

Concen: 16.332 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081091.D

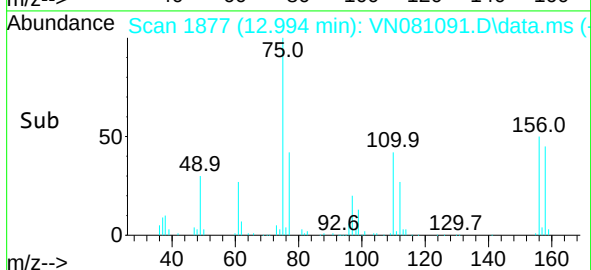
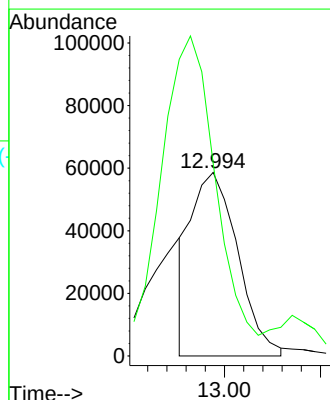
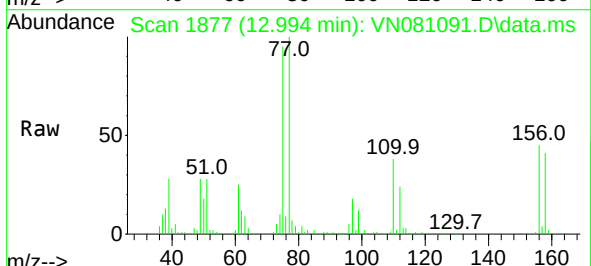
Acq: 20 Feb 2024 12:20

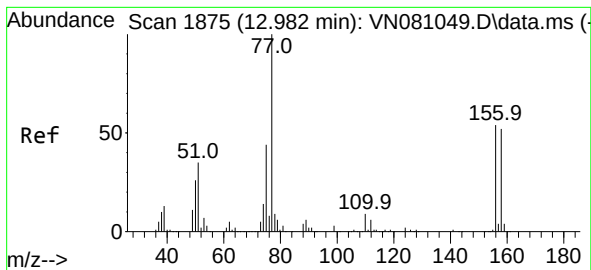
Tgt Ion: 75 Resp: 98509

Ion Ratio Lower Upper

75 100

77 208.8 91.0 272.8





#77

Bromobenzene

Concen: 18.343 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

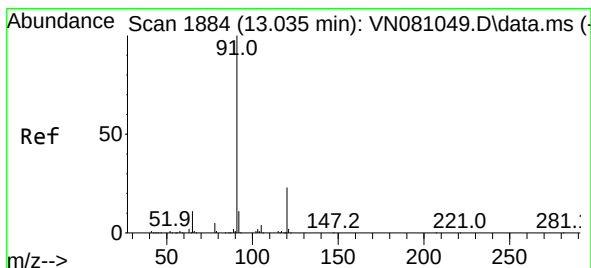
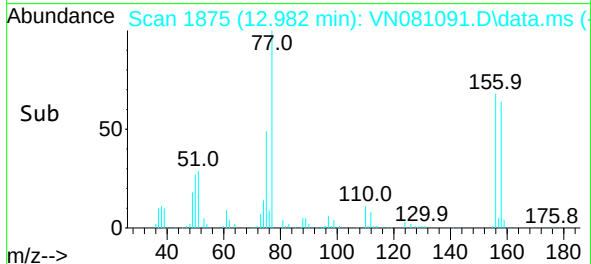
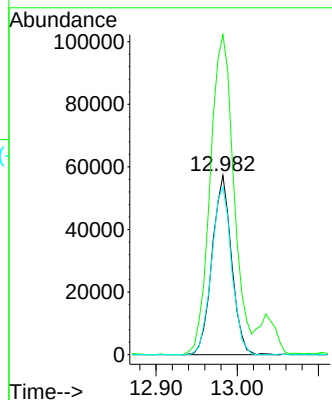
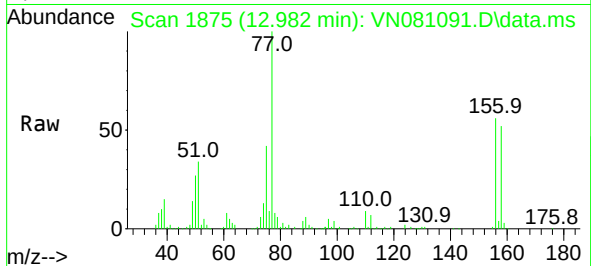
Tgt Ion:156 Resp: 94999
 Ion Ratio Lower Upper
 156 100
 77 216.5 138.1 414.3
 158 97.1 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#78

n-propylbenzene

Concen: 18.636 ug/l

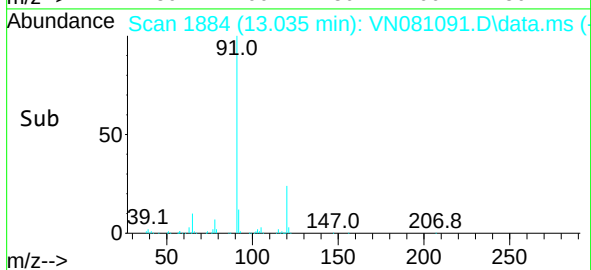
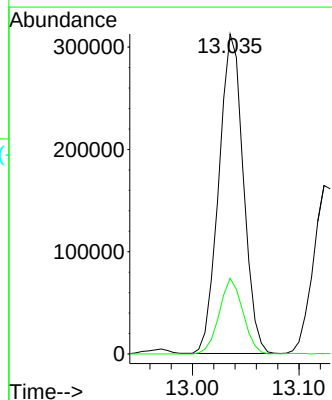
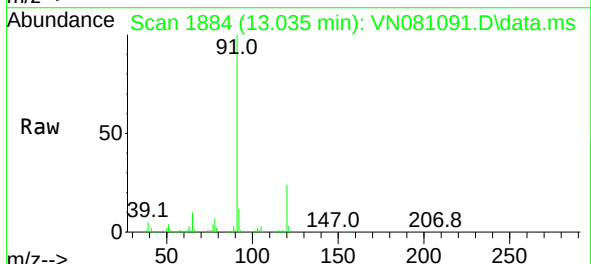
RT: 13.035 min Scan# 1884

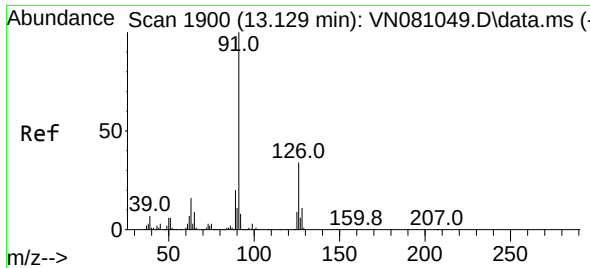
Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

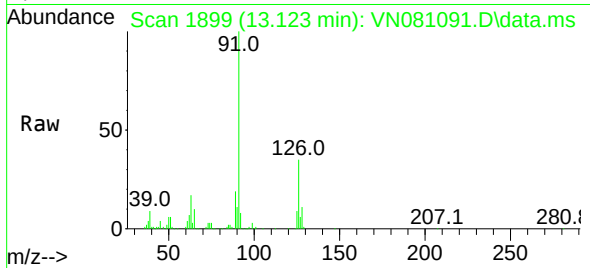
Tgt Ion: 91 Resp: 498309
 Ion Ratio Lower Upper
 91 100
 120 22.8 10.3 30.9





#79
2-Chlorotoluene
Concen: 17.849 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

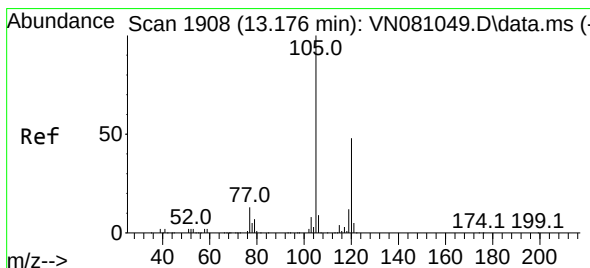
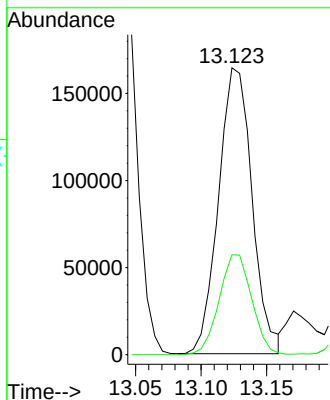
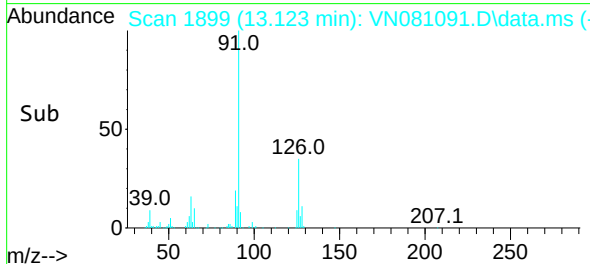
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



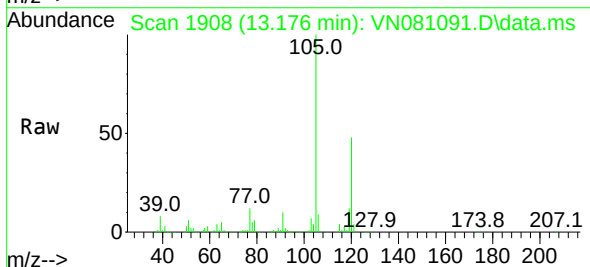
Tgt Ion: 91 Resp: 292729
Ion Ratio Lower Upper
91 100
126 33.9 14.8 44.4

Manual Integrations
APPROVED

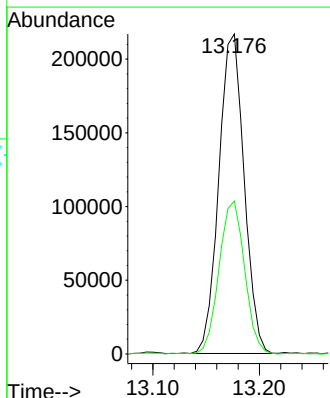
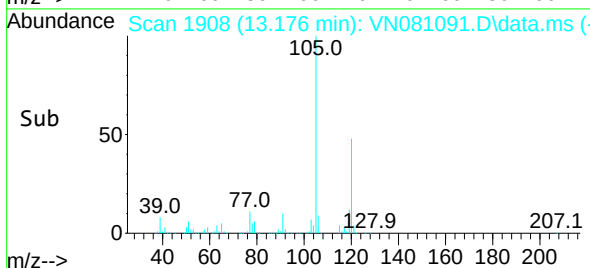
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

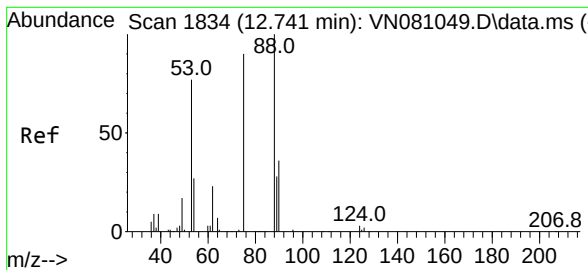


#80
1,3,5-Trimethylbenzene
Concen: 18.959 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



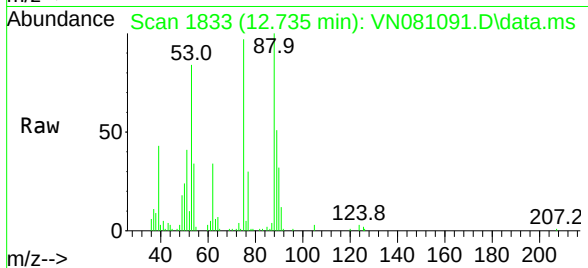
Tgt Ion:105 Resp: 357037
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.999 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

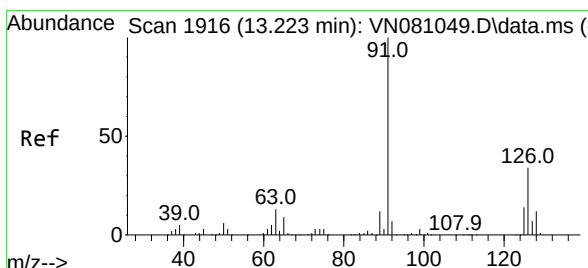
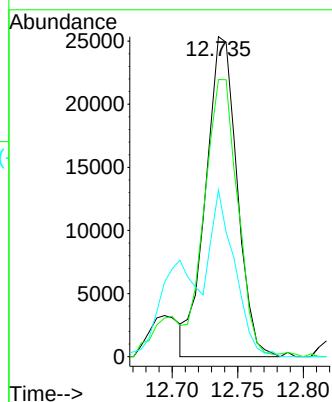
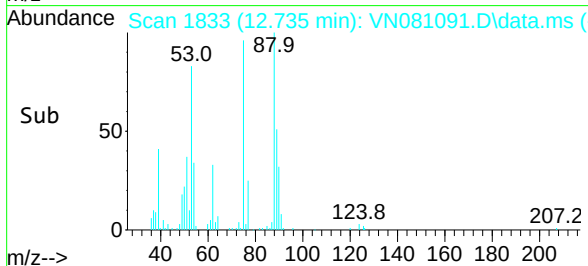
Instrument : MSVOA_N
ClientSampleId : VN0220WBSD01



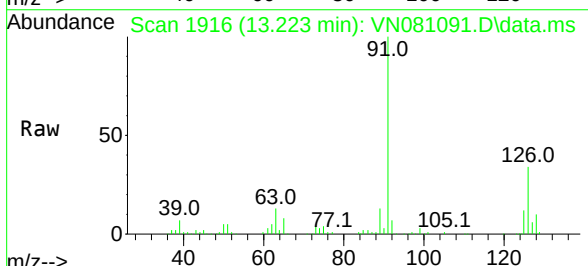
Tgt Ion: 75 Resp: 42178
Ion Ratio Lower Upper
75 100
53 90.9 71.4 107.2
89 40.2 33.4 50.0

Manual Integrations
APPROVED

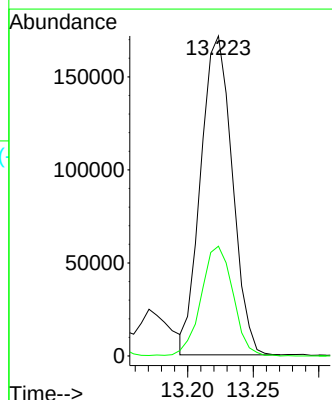
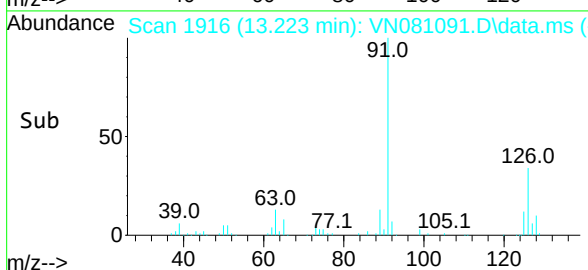
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

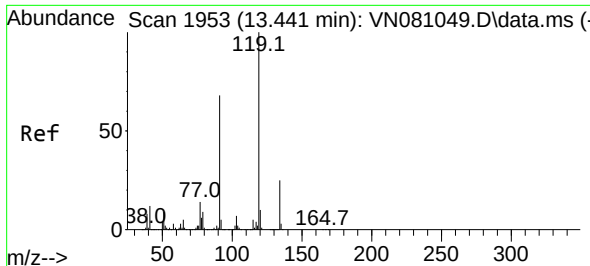


#82
4-Chlorotoluene
Concen: 17.889 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 91 Resp: 286868
Ion Ratio Lower Upper
91 100
126 34.9 15.3 45.9





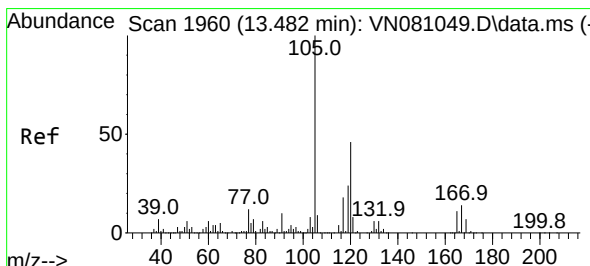
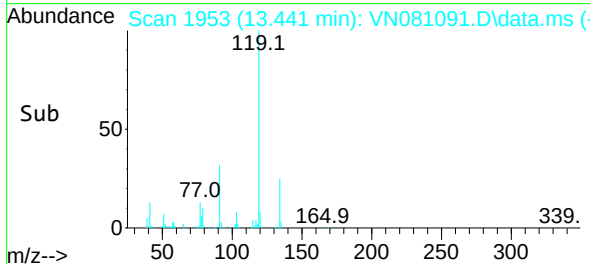
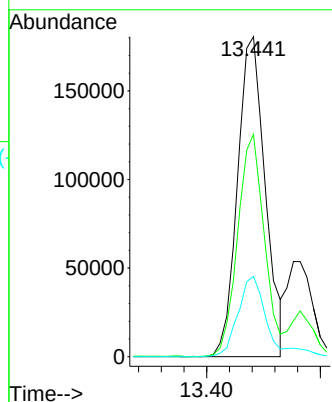
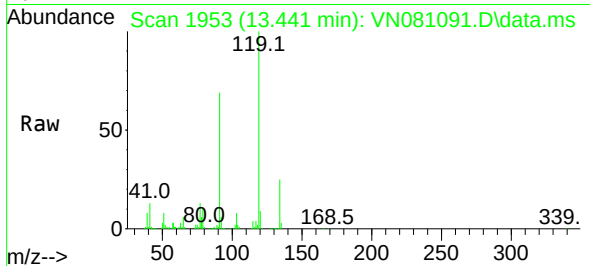
#83
tert-Butylbenzene
Concen: 18.804 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion:119 Resp: 306200
Ion Ratio Lower Upper
119 100
91 66.6 36.8 110.4
134 26.5 12.4 37.4

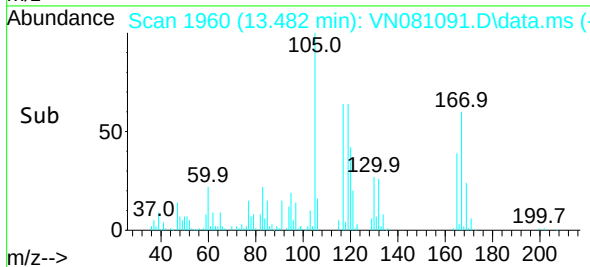
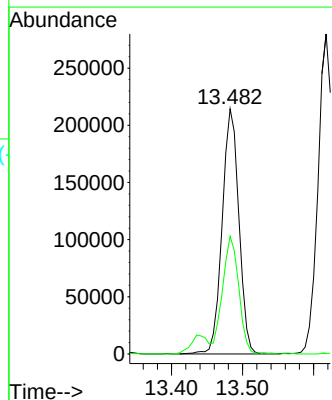
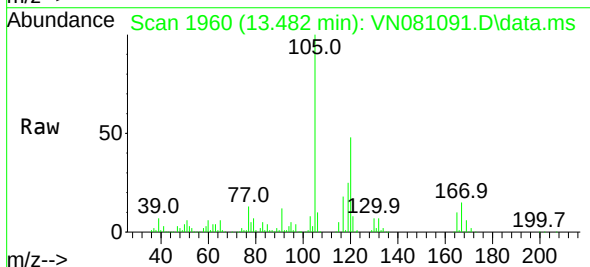
Manual Integrations
APPROVED

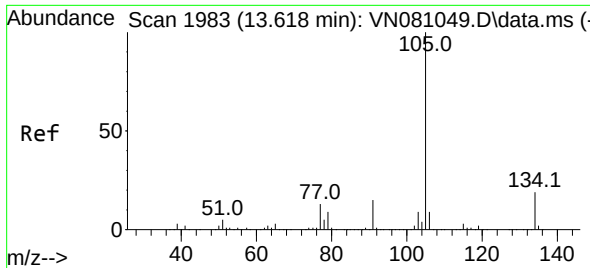
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.628 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

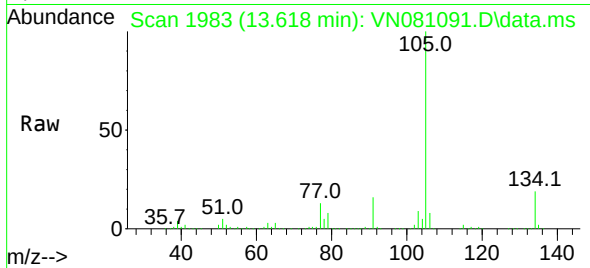
Tgt Ion:105 Resp: 349580
Ion Ratio Lower Upper
105 100
120 46.6 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.119 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081091.D
 Acq: 20 Feb 2024 12:20

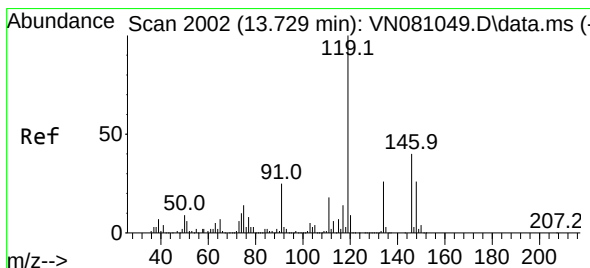
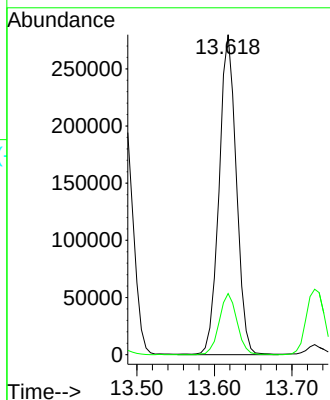
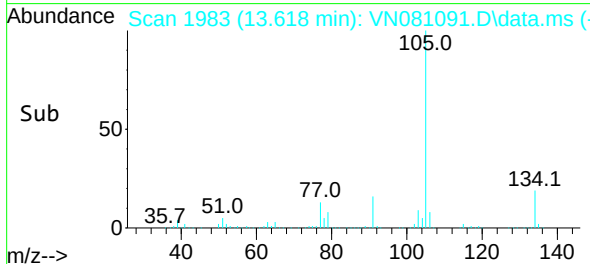
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01



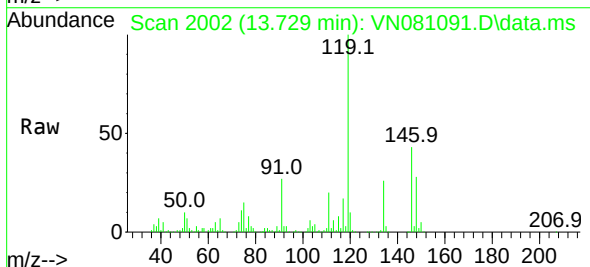
Tgt Ion:105 Resp: 432820
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8

Manual Integrations
 APPROVED

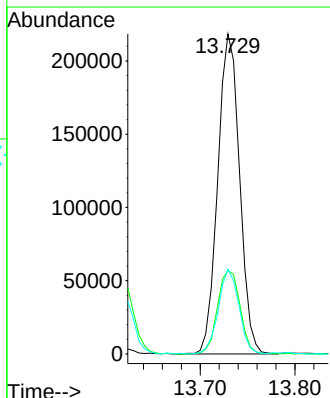
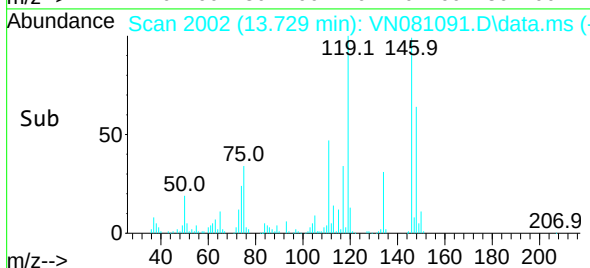
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

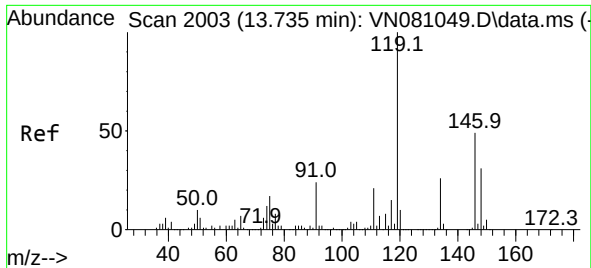


#86
 p-Isopropyltoluene
 Concen: 18.619 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081091.D
 Acq: 20 Feb 2024 12:20



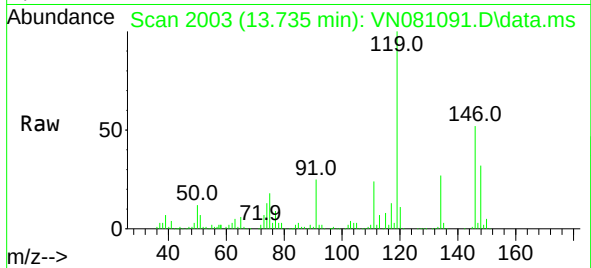
Tgt Ion:119 Resp: 350100
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 25.1 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.089 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

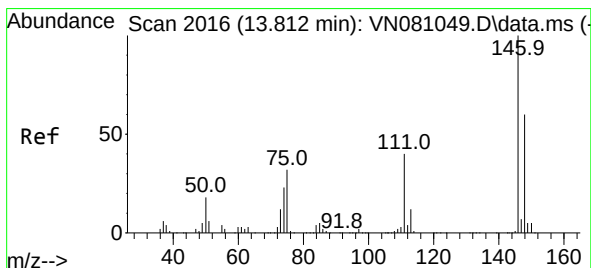
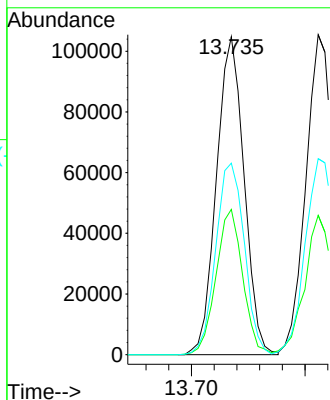
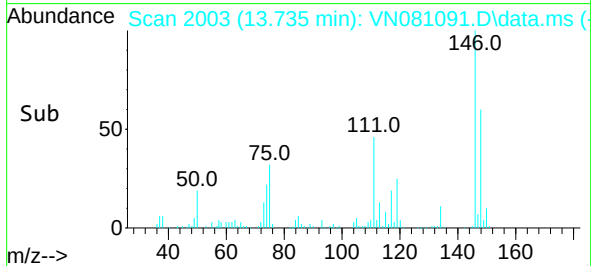
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



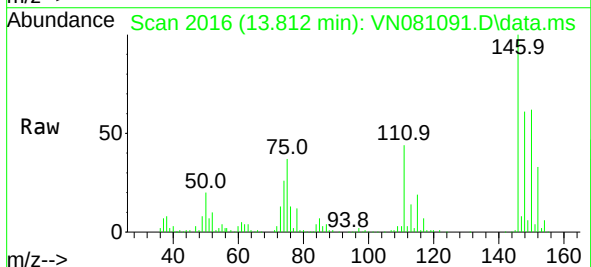
Tgt Ion:146 Resp: 177012
Ion Ratio Lower Upper
146 100
111 44.2 23.9 71.7
148 62.3 32.6 97.7

Manual Integrations
APPROVED

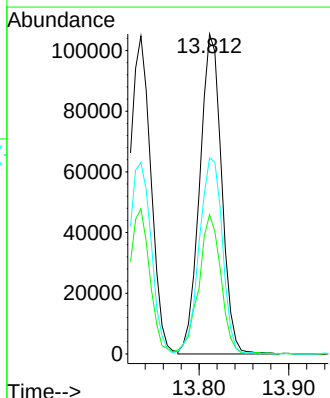
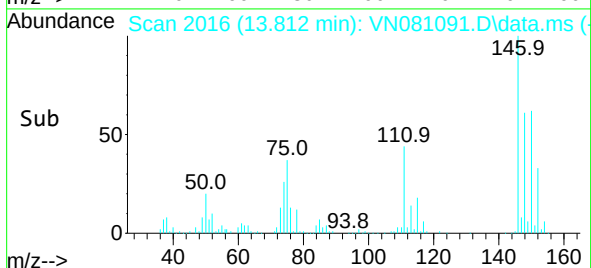
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

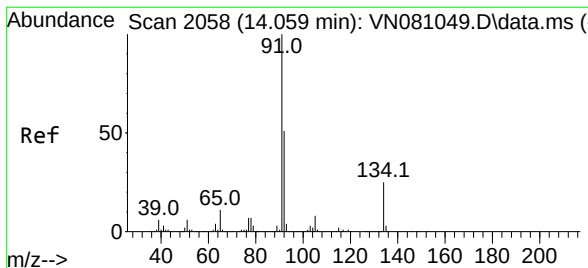


#88
1,4-Dichlorobenzene
Concen: 18.597 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion:146 Resp: 178814
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.7
148 64.7 31.9 95.5





#89

n-Butylbenzene

Concen: 19.248 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

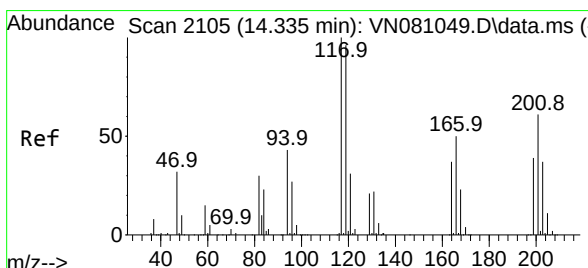
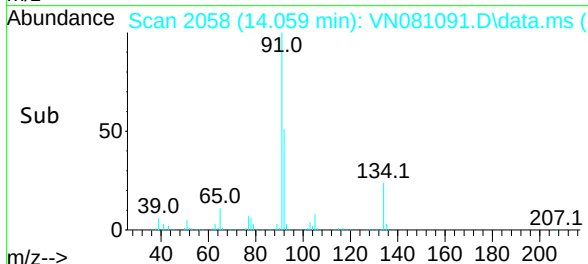
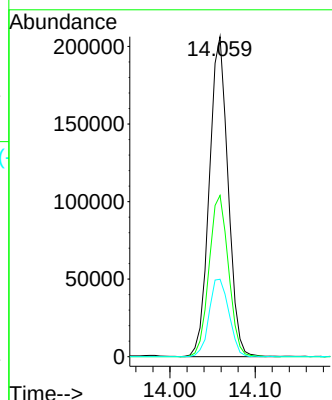
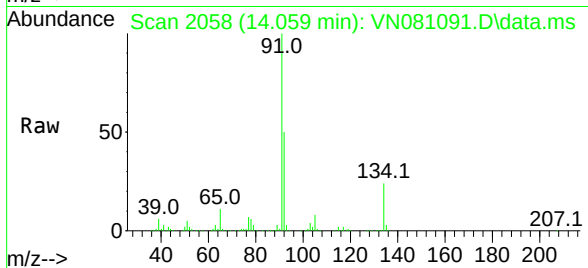
Tgt Ion:	91	Resp:	315309
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.1
134	25.6	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#90

Hexachloroethane

Concen: 18.758 ug/l

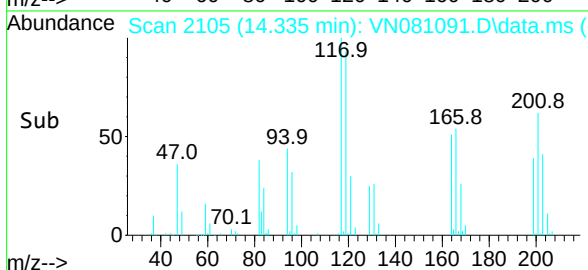
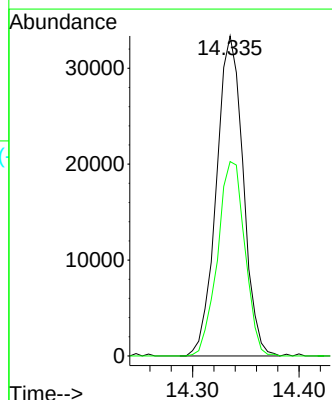
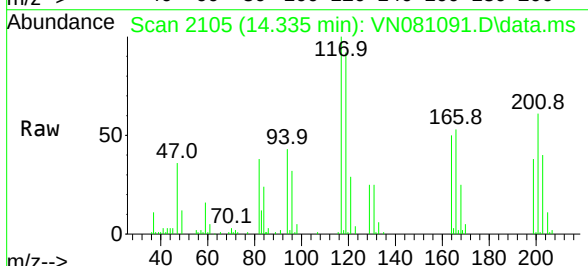
RT: 14.335 min Scan# 2105

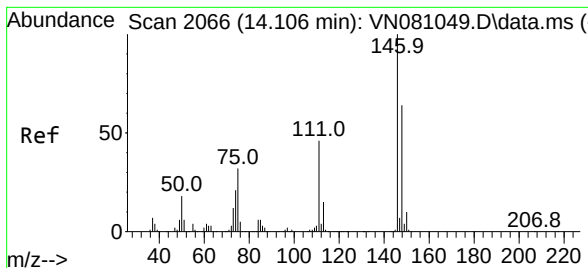
Delta R.T. 0.000 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

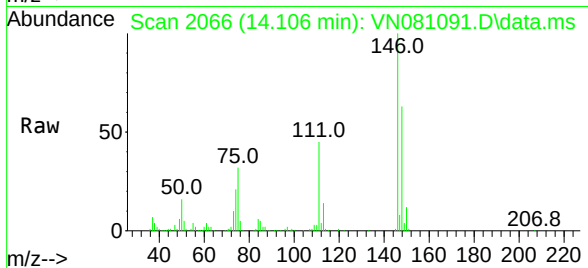
Tgt Ion:	117	Resp:	58302
Ion	Ratio	Lower	Upper
117	100		
201	62.0	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 18.493 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

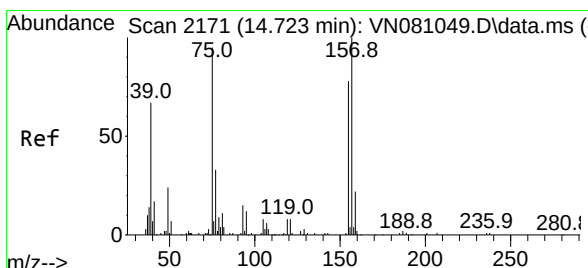
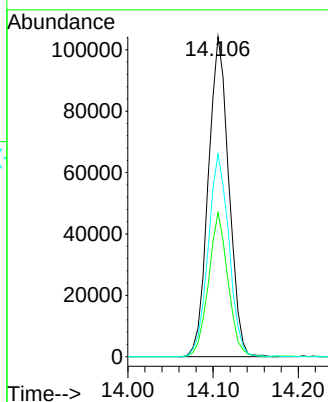
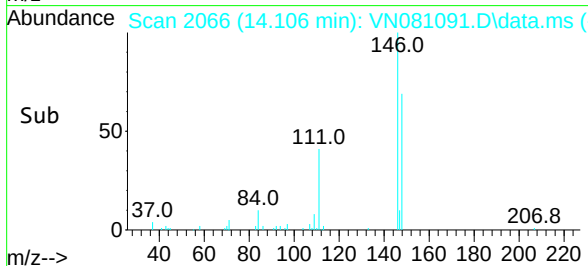
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



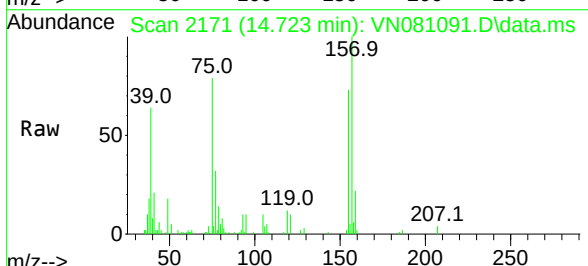
Tgt Ion:146 Resp: 17453
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.8
148 64.0 31.4 94.0

Manual Integrations
APPROVED

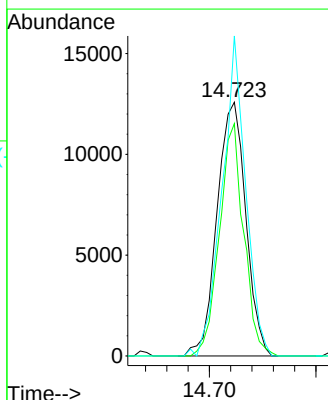
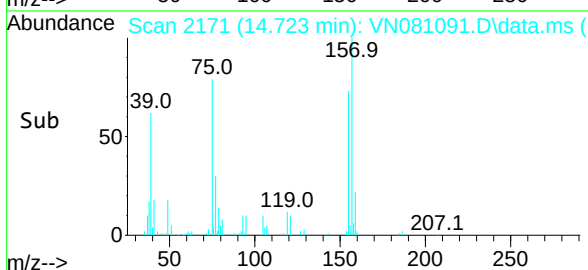
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

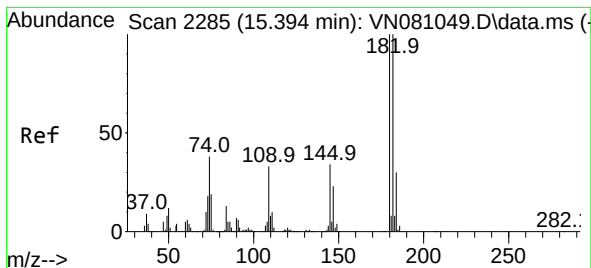


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.373 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion: 75 Resp: 23591
Ion Ratio Lower Upper
75 100
155 77.4 31.8 95.4
157 103.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.840 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081091.D

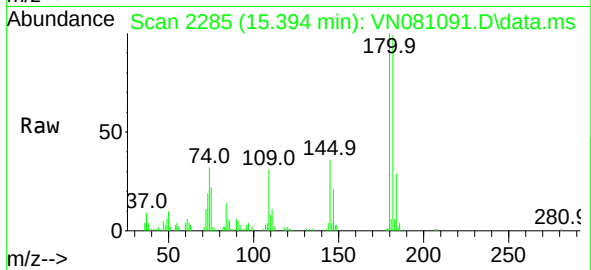
Acq: 20 Feb 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01



Tgt Ion:180 Resp: 99198

Ion Ratio Lower Upper

180 100

182 92.5 46.6 139.7

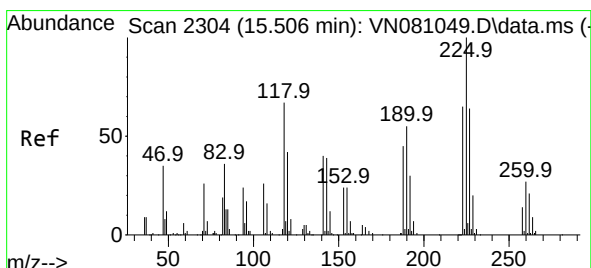
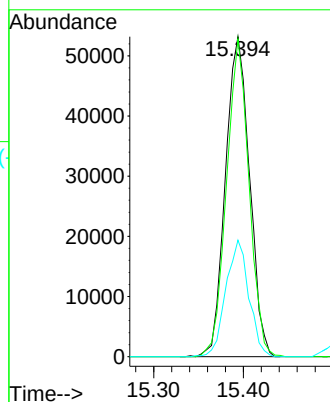
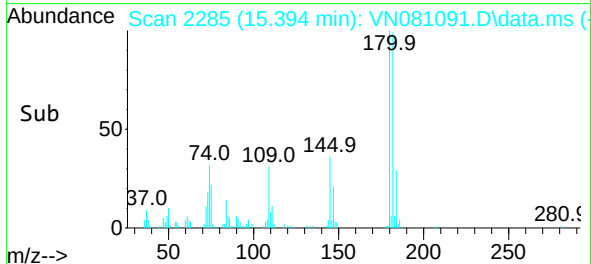
145 34.9 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#94

Hexachlorobutadiene

Concen: 18.274 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081091.D

Acq: 20 Feb 2024 12:20

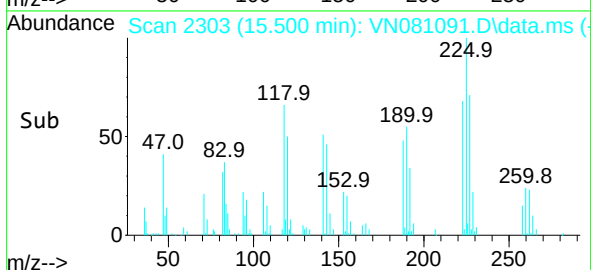
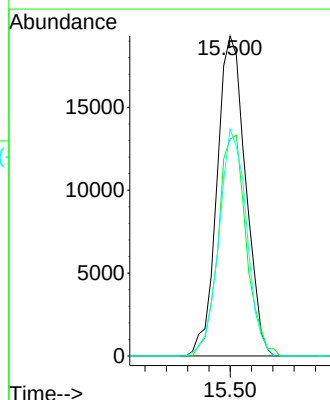
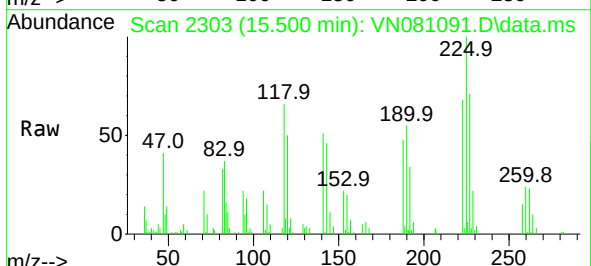
Tgt Ion:225 Resp: 35884

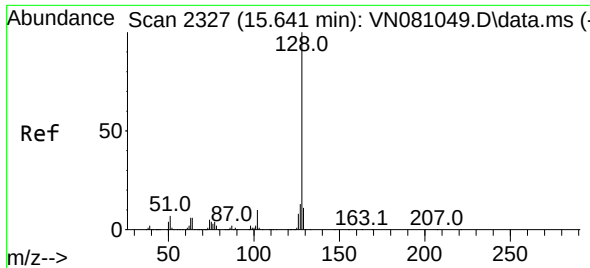
Ion Ratio Lower Upper

225 100

223 68.1 33.3 99.8

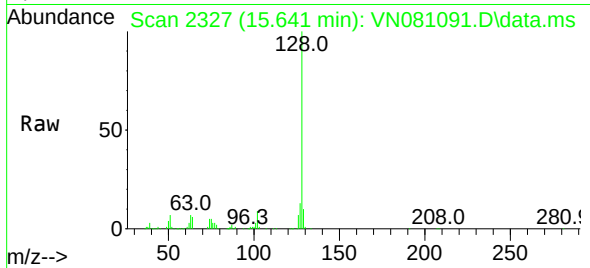
227 68.6 33.1 99.2





#95
Naphthalene
Concen: 17.930 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20

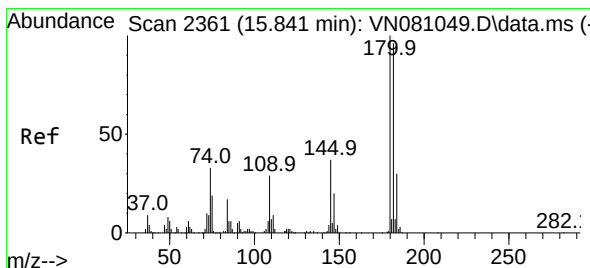
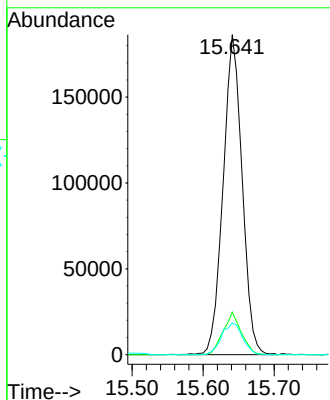
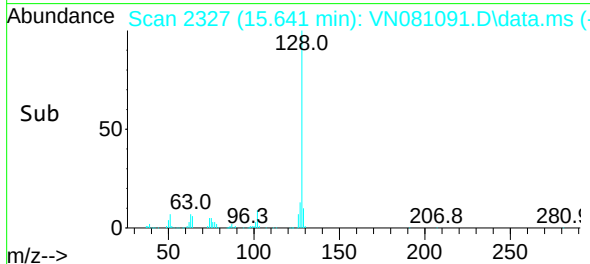
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



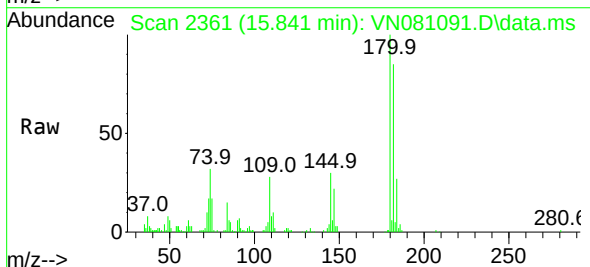
Tgt Ion:128 Resp: 345964
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.090 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081091.D
Acq: 20 Feb 2024 12:20



Tgt Ion:180 Resp: 99716
Ion Ratio Lower Upper
180 100
182 92.3 46.5 139.3
145 36.2 17.8 53.4

