

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080986.D
 Acq On : 09 Feb 2024 13:38
 Operator : JC\MD
 Sample : VN0209WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	74993	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	425866	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	388057	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	178844	31.738	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.800%			
60) 4-Bromofluorobenzene	12.853	95	181470	30.589	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.967%			
63) Toluene-d8	10.571	98	520082	29.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.533%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	98333	19.284	ug/l	100
3) Chloromethane	2.359	50	101769	19.860	ug/l	96
4) Vinyl Chloride	2.512	62	116169	19.014	ug/l	99
5) Bromomethane	2.959	94	80665	19.657	ug/l	97
6) Chloroethane	3.124	64	78347	19.672	ug/l	95
7) Trichlorofluoromethane	3.495	101	148270	18.430	ug/l	98
8) Diethyl Ether	3.959	74	52983	18.737	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	81044	18.561	ug/l	96
10) 1,1-Dichloroethene	4.336	96	75813	17.715	ug/l	98
11) Methyl Iodide	4.583	142	82270	17.950	ug/l	87
12) Methyl Acetate	5.018	43	77945m	20.099	ug/l	
13) Acrolein	4.177	56	81896	96.837	ug/l	98
14) Acrylonitrile	5.718	53	200123	103.921	ug/l	100
15) Acetone	4.430	58	47050	106.206	ug/l	98
16) Carbon Disulfide	4.706	76	207442	17.662	ug/l #	92
17) Allyl chloride	5.024	41	101822	18.945	ug/l	90
18) Methylene Chloride	5.277	84	92938	19.003	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	91146	18.761	ug/l	88
20) Diisopropyl ether	6.671	45	258826	20.036	ug/l	94
21) 1,1-Dichloroethane	6.571	63	159071	19.214	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	110854	19.637	ug/l	91
23) tert-Butyl Alcohol	5.518	59	79918	113.920	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	287817	20.287	ug/l	96
25) Chloroform	7.971	83	181817	19.796	ug/l	100
26) Cyclohexane	8.259	56	117655	18.874	ug/l #	85
29) 1,1-Dichloropropene	8.371	75	123641	19.491	ug/l	98
30) 2-Butanone	7.483	43	253302	108.833	ug/l	100
31) 2,2-Dichloropropane	7.488	77	140442	19.445	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	156699	19.636	ug/l	98
33) Carbon Tetrachloride	8.365	117	126119	18.758	ug/l	96
34) Benzene	8.606	78	384985	19.860	ug/l	97
35) Methacrylonitrile	7.783	41	57211	20.913	ug/l	91
36) 1,2-Dichloroethane	8.671	62	139557	21.451	ug/l	99
37) Trichloroethene	9.353	130	101780	19.748	ug/l	97
38) Methylcyclohexane	9.600	83	121873	19.251	ug/l	96
39) 1,2-Dichloropropane	9.624	63	92953	20.216	ug/l	95
40) Dibromomethane	9.712	93	71827	20.532	ug/l	97
41) Bromodichloromethane	9.888	83	138253	20.193	ug/l	98
42) Vinyl Acetate	6.606	43	1052247	105.696	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	110182	22.729	ug/l	100
44) Isopropyl Acetate	8.694	43	184345	21.164	ug/l	95
45) 1,4-Dioxane	9.700	88	37767	457.181	ug/l	92
46) Methyl methacrylate	9.682	41	78653	19.735	ug/l	88
47) n-amyl Acetate	12.500	43	157472	20.730	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	143051	19.936	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	154526	19.874	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	102285	21.131	ug/l	95
51) Ethyl methacrylate	10.876	69	138165	20.423	ug/l	93
52) 1,3-Dichloropropane	11.165	76	166503	20.831	ug/l	98
53) Dibromochloromethane	11.359	129	104827	19.870	ug/l	100
54) 1,2-Dibromoethane	11.471	107	102341	20.437	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	348491	100.521	ug/l	98
56) Bromoform	12.582	173	66155	19.689	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	550107	109.190	ug/l	93
59) 2-Hexanone	11.200	43	407266	109.909	ug/l	95
61) Tetrachloroethene	11.106	164	84208	18.997	ug/l	98
62) Toluene	10.635	91	429396	20.200	ug/l	99
64) Chlorobenzene	11.894	112	262465	20.160	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	97764	20.244	ug/l	98
66) Ethyl Benzene	11.965	91	446796	19.990	ug/l	99
67) m/p-Xylenes	12.076	106	343269	39.108	ug/l	96
68) o-Xylene	12.400	106	173697	20.193	ug/l	92
69) Styrene	12.412	104	281653	19.889	ug/l	97
70) Isopropylbenzene	12.700	105	413207	19.711	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	134864	20.864	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	107251m	21.195	ug/l	
73) Bromobenzene	12.982	156	105343	20.208	ug/l	93
74) n-propylbenzene	13.041	91	474287	19.908	ug/l	99
75) 2-Chlorotoluene	13.129	91	298974	20.215	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	343113	20.004	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	38165	19.931	ug/l	92
78) 4-Chlorotoluene	13.223	91	301364	20.345	ug/l	94
79) tert-butylbenzene	13.441	119	285498	20.051	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	338806	19.825	ug/l	95
81) sec-Butylbenzene	13.617	105	389038	19.511	ug/l	99
82) p-Isopropyltoluene	13.735	119	319696	19.099	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	186410	19.882	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	187305	19.902	ug/l	99
85) n-Butylbenzene	14.059	91	265220	19.203	ug/l	100
86) Hexachloroethane	14.341	117	50216	19.019	ug/l	86
87) 1,2-Dichlorobenzene	14.112	146	184197	20.178	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	25211	21.608	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	90280	20.216	ug/l	97
90) Hexachlorobutadiene	15.506	225	37659	19.221	ug/l	98
91) Naphthalene	15.647	128	322647	20.348	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	90280	20.216	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

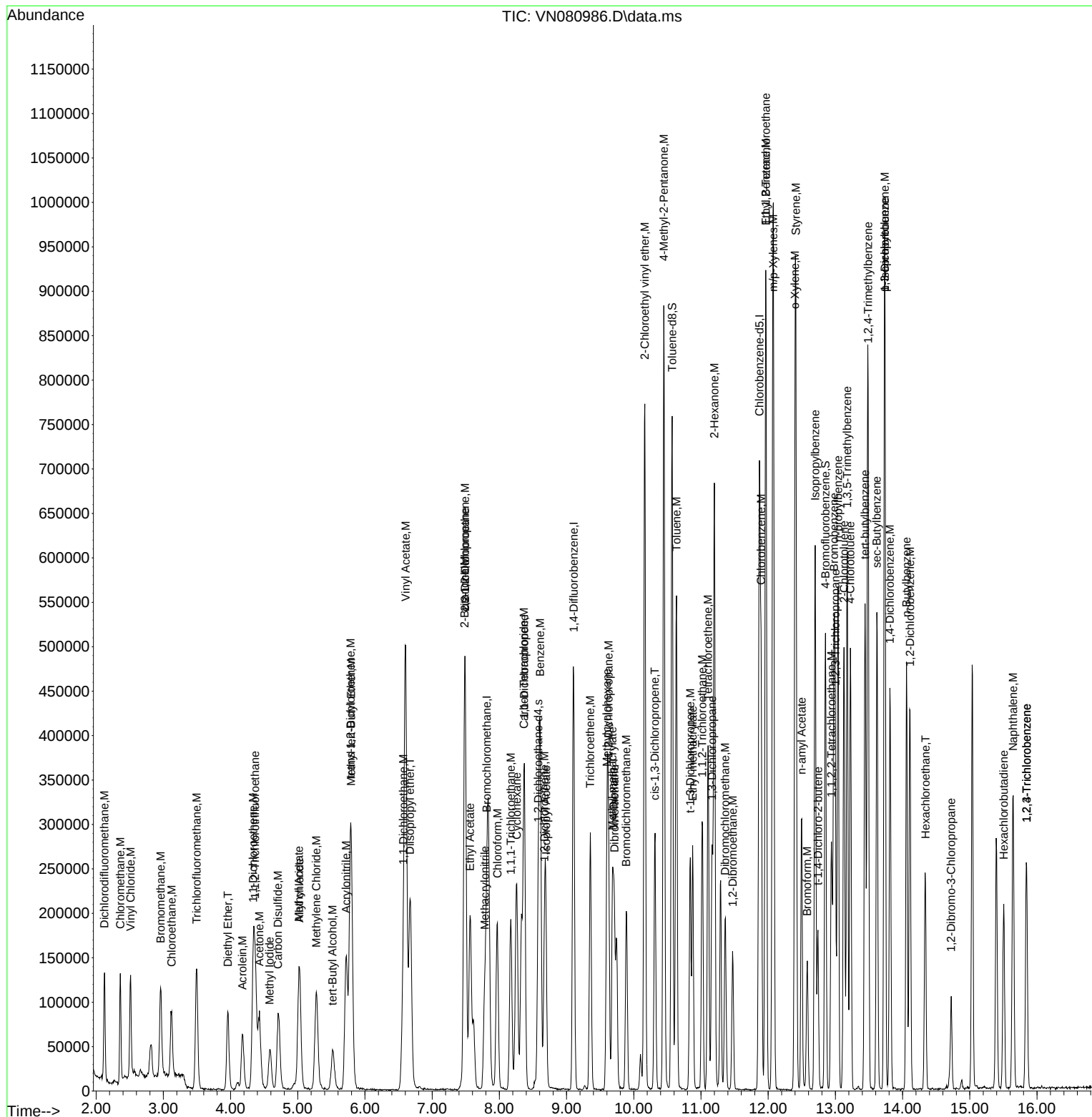
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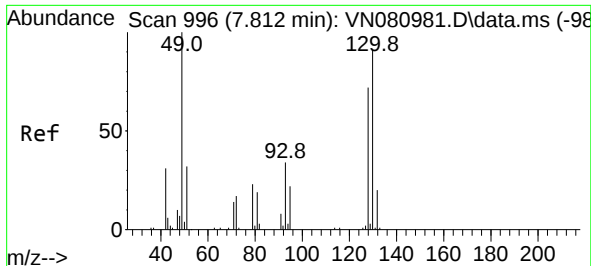
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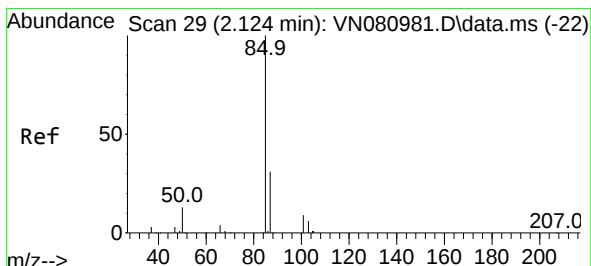
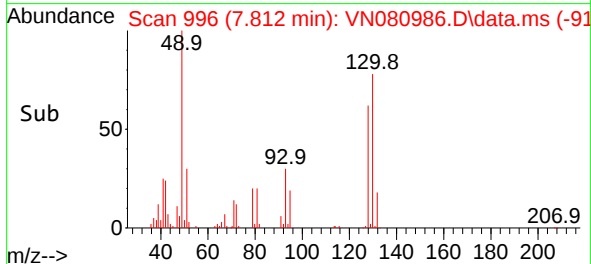
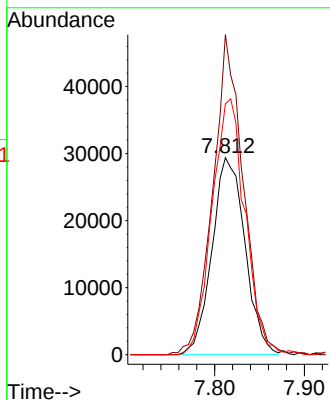
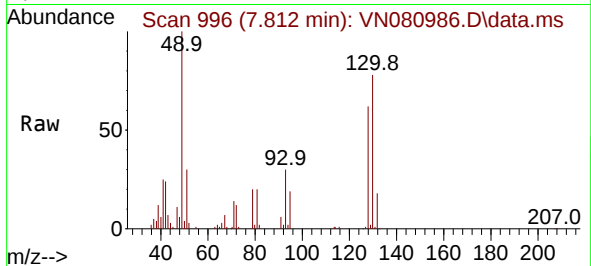
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion:128 Resp: 7499
Ion Ratio Lower Upper
128 100
49 149.7 0.0 403.7
130 130.4 0.0 323.3

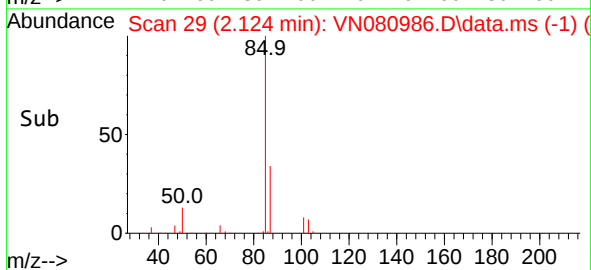
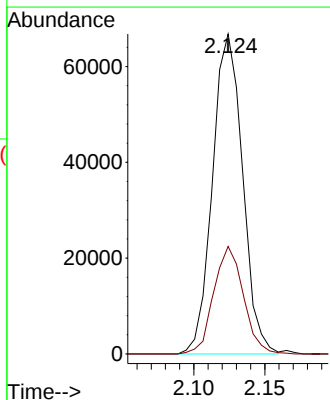
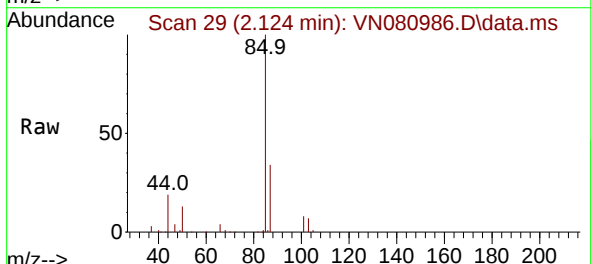
Manual Integrations
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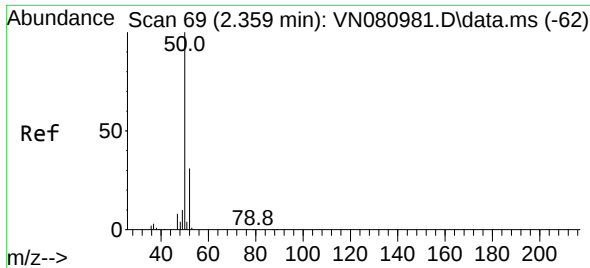
Reviewed By :John Carlone 02/12/2024
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#2
Dichlorodifluoromethane
Concen: 19.284 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

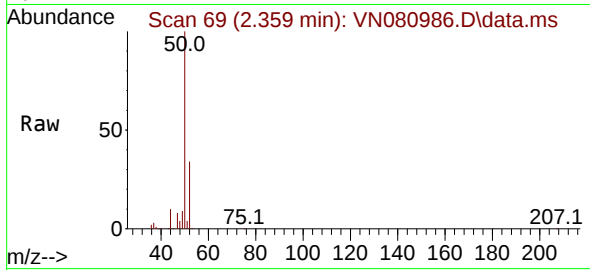
Tgt Ion: 85 Resp: 98333
Ion Ratio Lower Upper
85 100
87 33.6 16.8 50.3





#3
Chloromethane
Concen: 19.860 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

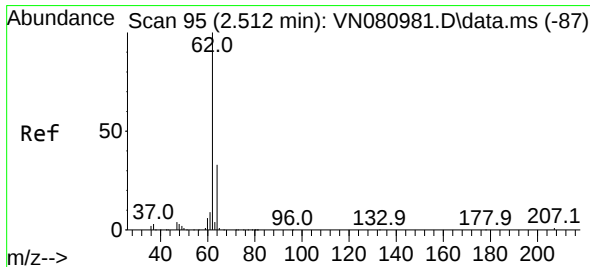
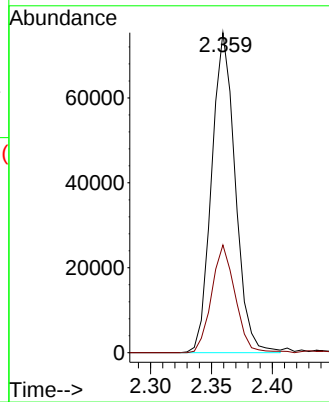
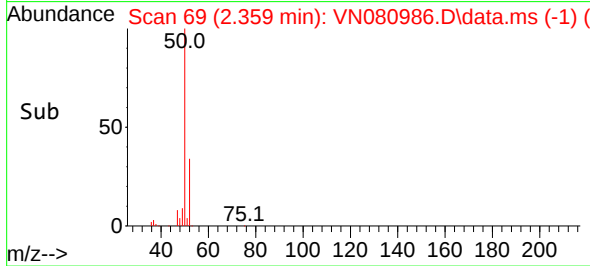
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ClientSampleId :
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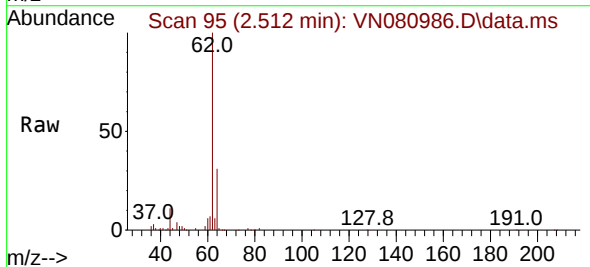
Tgt Ion: 50 Resp: 101769
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.0

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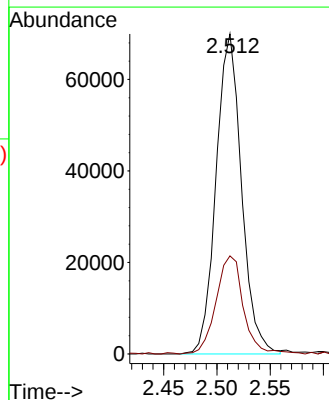
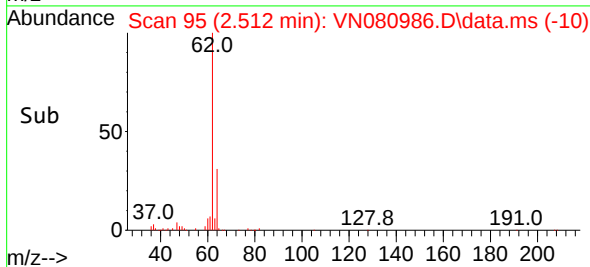
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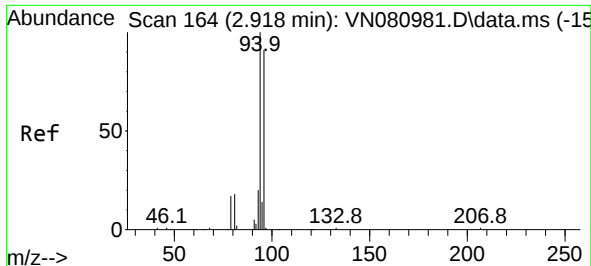


#4
Vinyl Chloride
Concen: 19.014 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



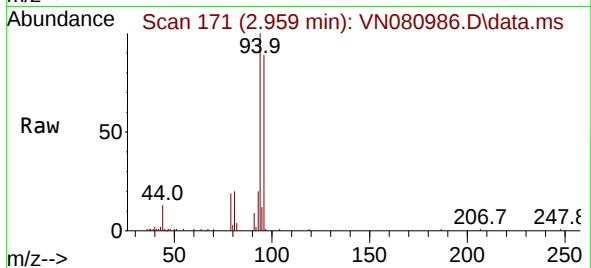
Tgt Ion: 62 Resp: 116169
Ion Ratio Lower Upper
62 100
64 30.6 24.1 36.1





#5
Bromomethane
Concen: 19.657 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.041 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

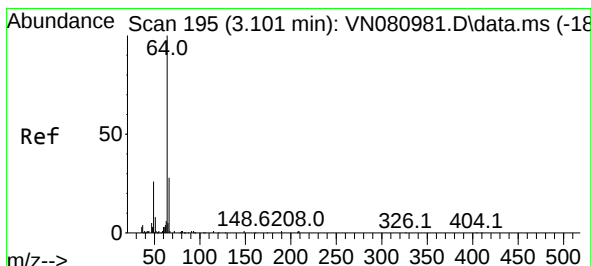
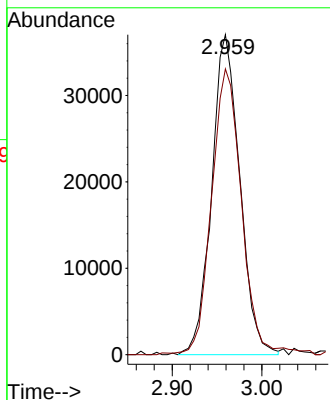
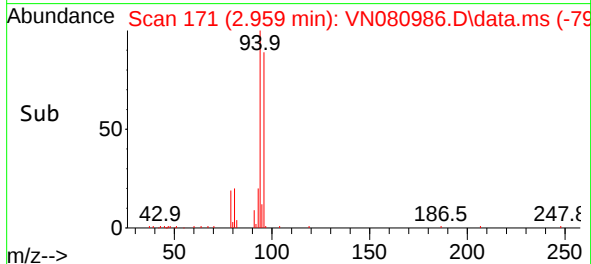
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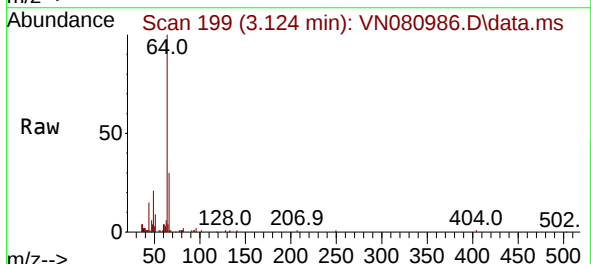
Tgt Ion: 94 Resp: 8066
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2

Manual Integrations
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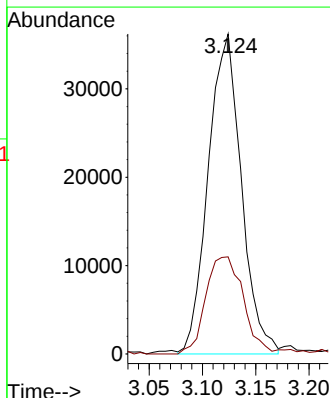
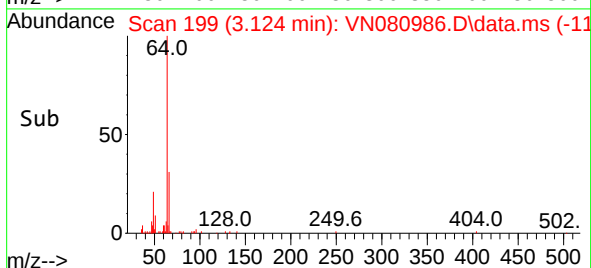
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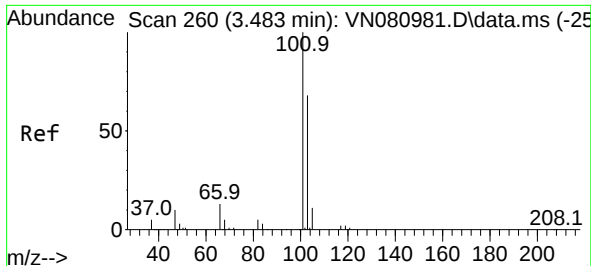


#6
Chloroethane
Concen: 19.672 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



Tgt Ion: 64 Resp: 78347
Ion Ratio Lower Upper
64 100
66 30.6 26.7 40.1





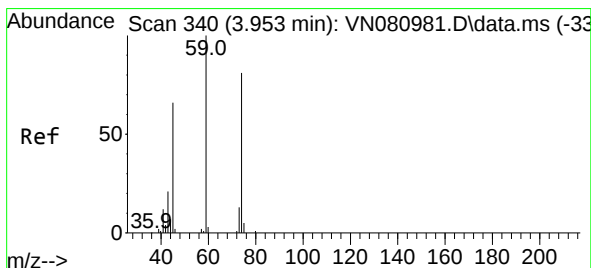
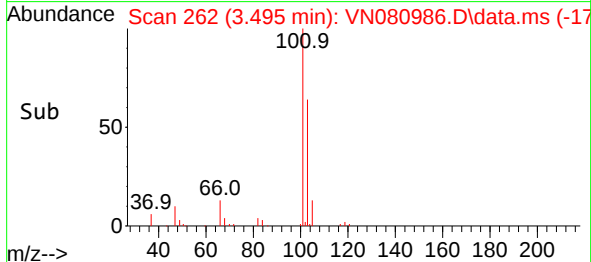
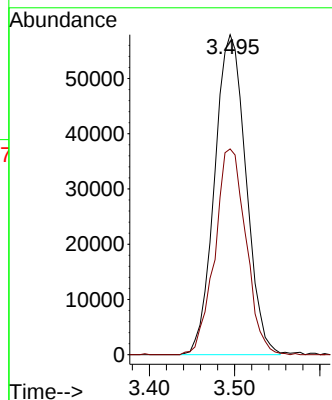
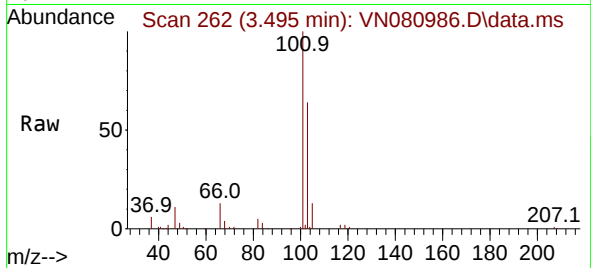
#7
 Trichlorofluoromethane
 Concen: 18.430 ug/l
 RT: 3.495 min Scan# 260
 Delta R.T. 0.012 min
 Lab File: VN080986.D
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Instrument :
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Tgt Ion:101 Resp: 148270
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.0 79.4

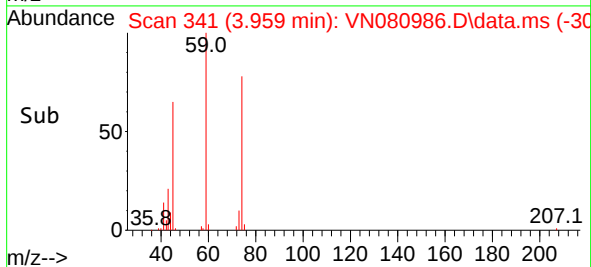
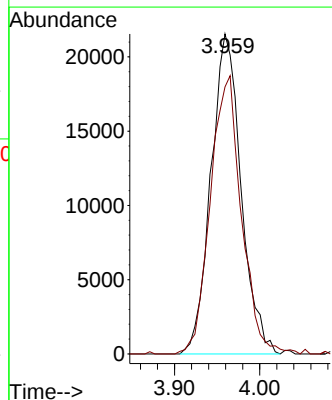
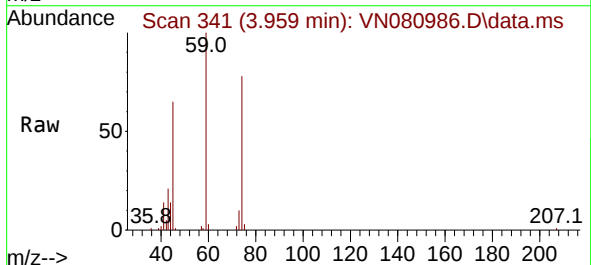
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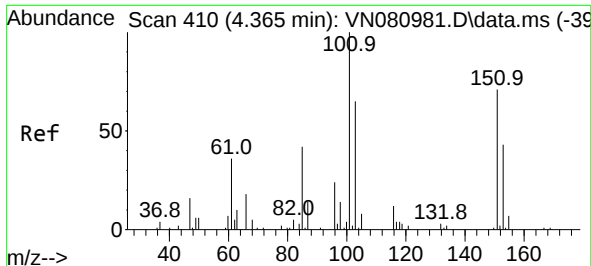
Reviewed By :John Carlone 02/12/2024
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#8
 Diethyl Ether
 Concen: 18.737 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN080986.D
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Tgt Ion: 74 Resp: 52983
 Ion Ratio Lower Upper
 74 100
 45 89.2 16.4 147.4





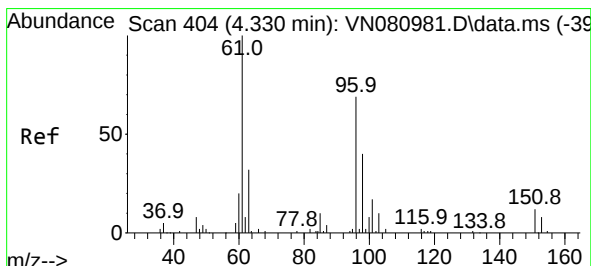
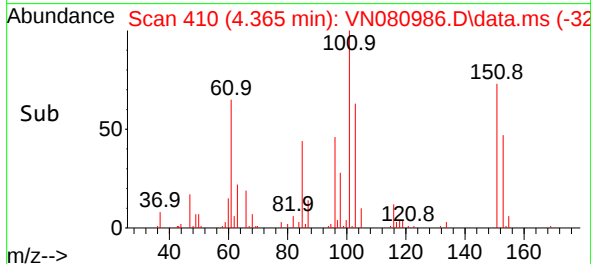
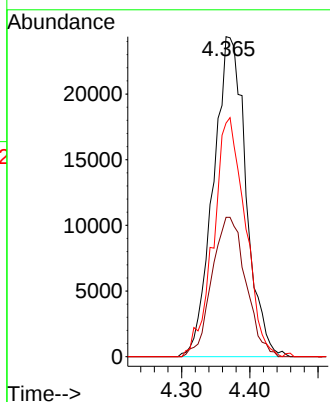
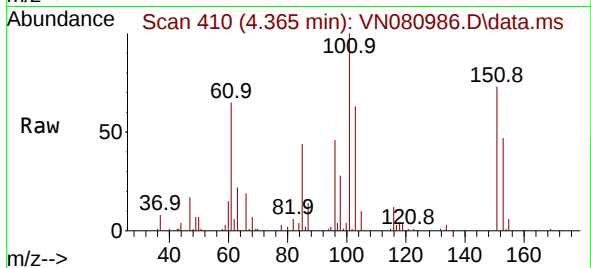
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 1,1,2-Trichlorotrifluoroethane
 Concen: 18.561 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01

Tgt Ion:101 Resp: 8104
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 90.6
 151 72.8 0.0 157.6

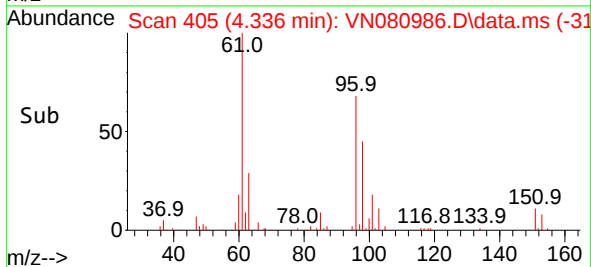
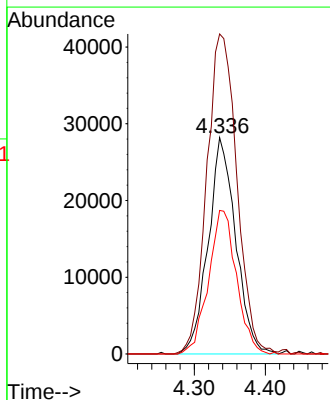
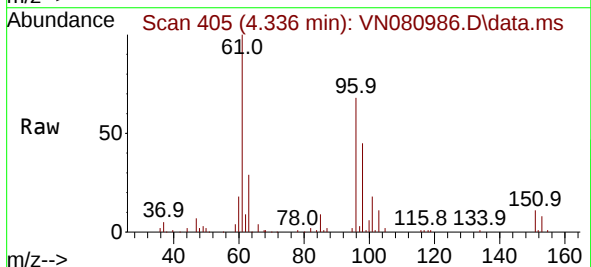
Manual Integrations
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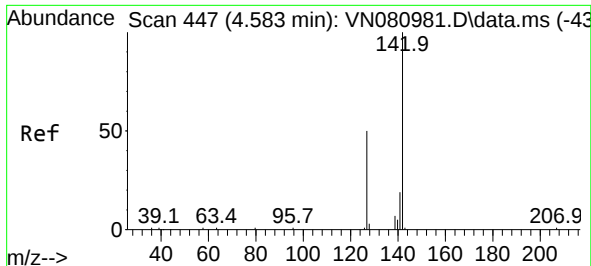
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#10
 1,1-Dichloroethene
 Concen: 17.715 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

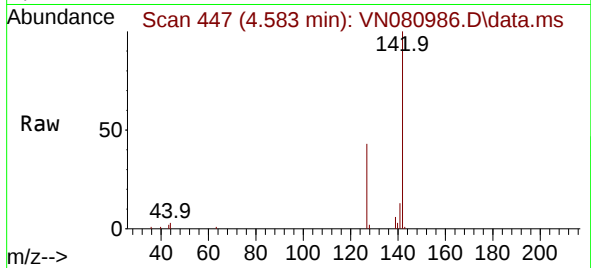
Tgt Ion: 96 Resp: 75813
 Ion Ratio Lower Upper
 96 100
 61 147.2 117.6 176.4
 98 66.3 48.4 72.6





#11
Methyl Iodide
Concen: 17.950 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

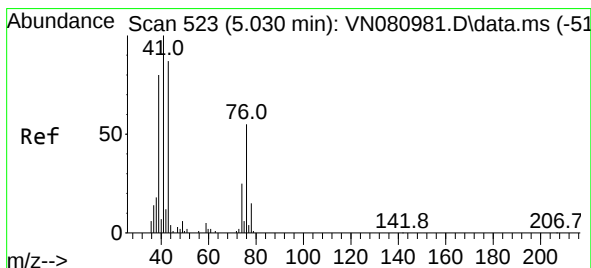
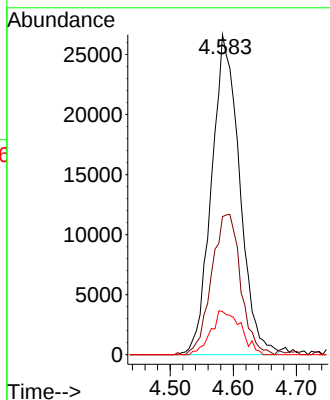
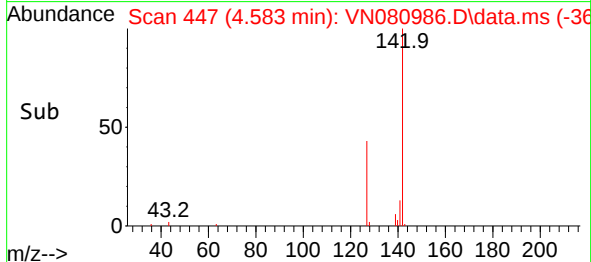
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion:142 Resp: 82270
Ion Ratio Lower Upper
142 100
127 42.5 26.3 78.9
141 13.5 8.3 24.9

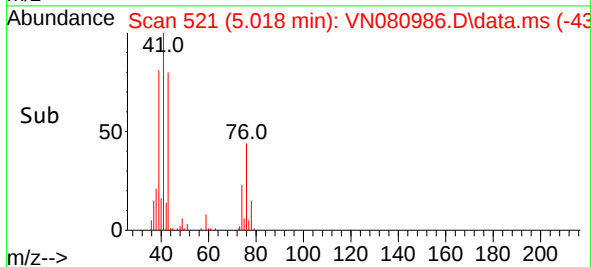
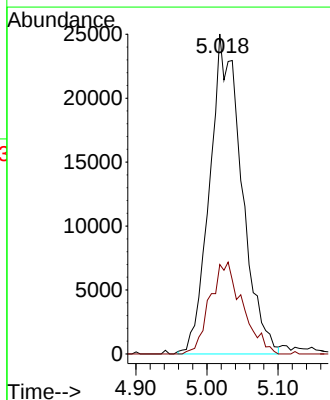
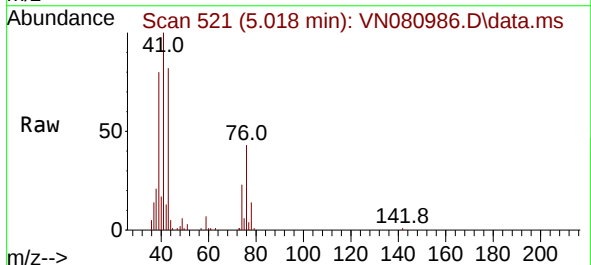
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 20.099 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 43 Resp: 77945
Ion Ratio Lower Upper
43 100
74 28.0 27.7 41.5





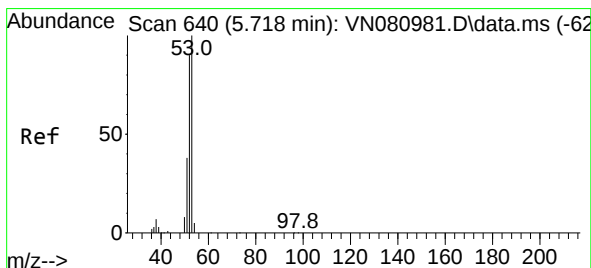
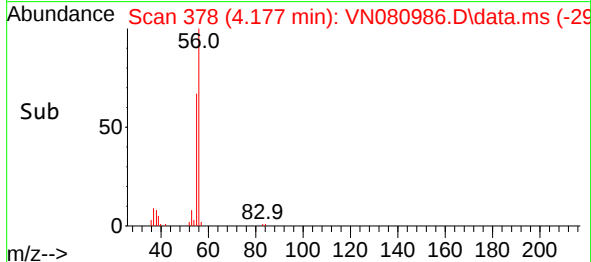
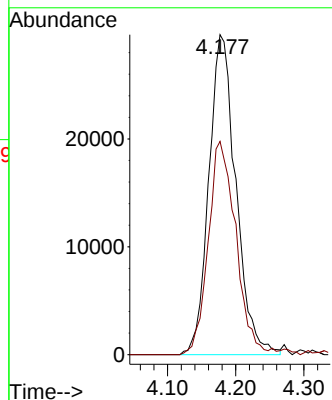
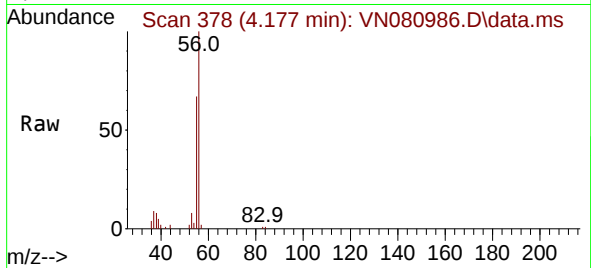
#13
Acrolein
Concen: 96.837 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion: 56 Resp: 81890
Ion Ratio Lower Upper
56 100
55 67.5 55.5 83.3

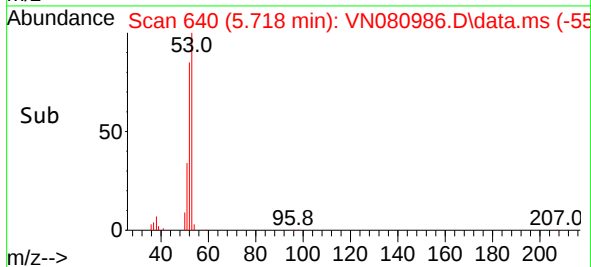
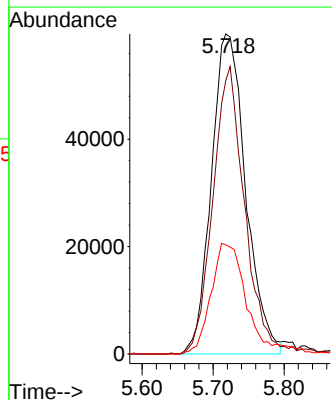
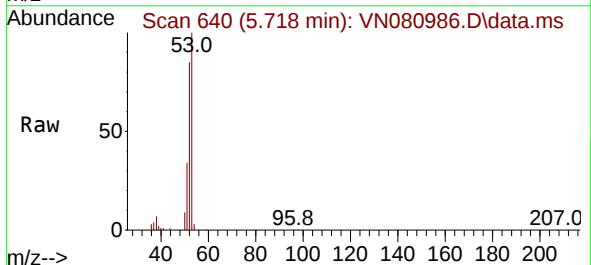
Manual Integrations
APPROVED

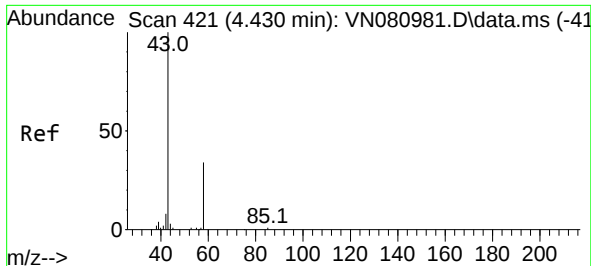
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#14
Acrylonitrile
Concen: 103.921 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 53 Resp: 200123
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.9
51 34.2 16.8 50.3





#15

Acetone

Concen: 106.206 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

Tgt Ion: 58 Resp: 47050

Ion Ratio Lower Upper

58 100

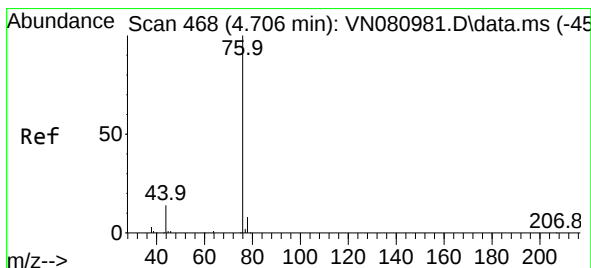
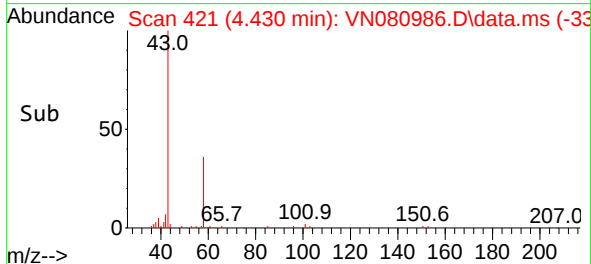
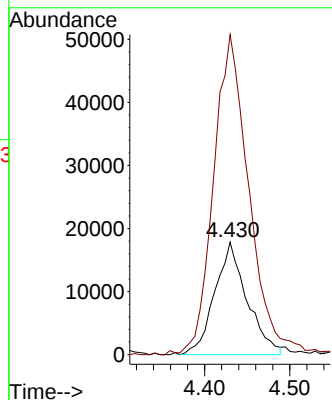
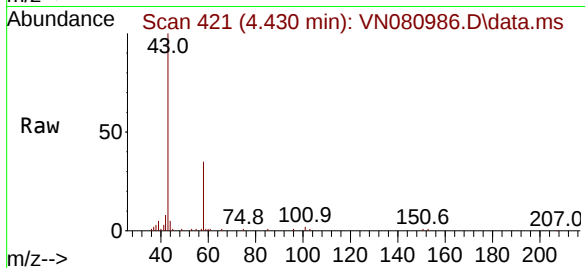
43 282.8 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 17.662 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.000 min

Lab File: VN080986.D

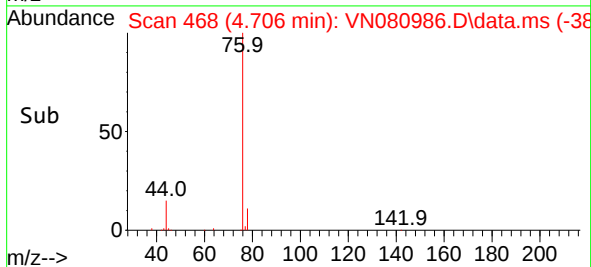
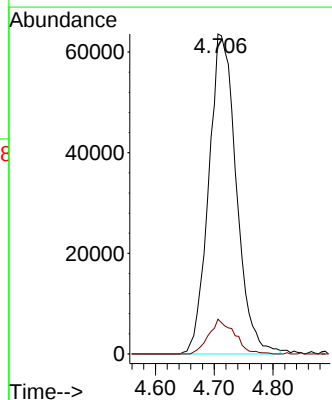
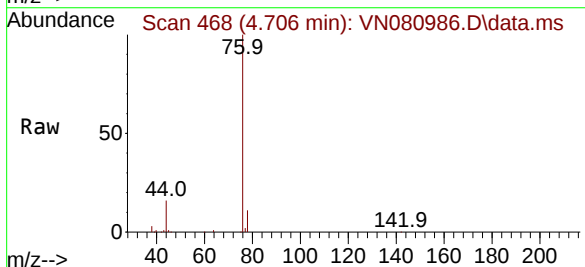
Acq: 09 Feb 2024 13:38

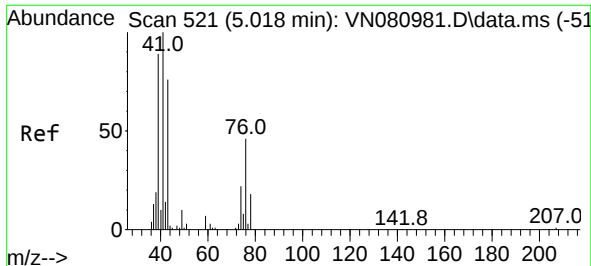
Tgt Ion: 76 Resp: 207442

Ion Ratio Lower Upper

76 100

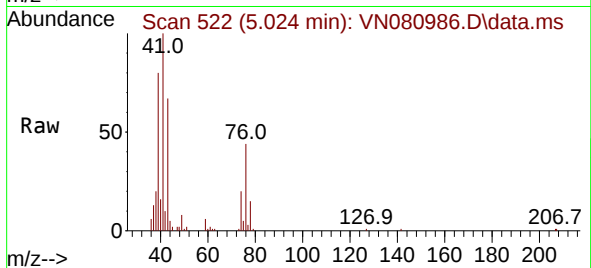
78 10.8 6.3 9.5#





#17
 Allyl chloride
 Concen: 18.945 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

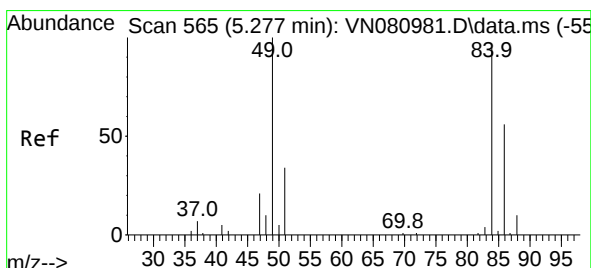
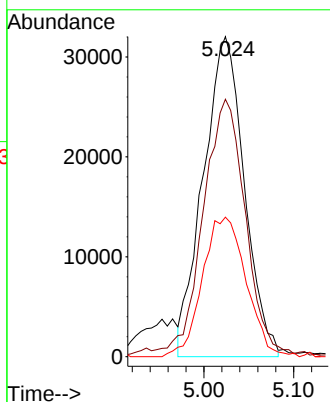
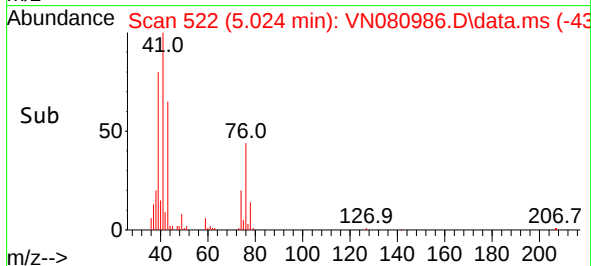
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01



Tgt Ion: 41 Resp: 10182
 Ion Ratio Lower Upper
 41 100
 39 78.8 37.6 112.9
 76 43.0 27.8 83.4

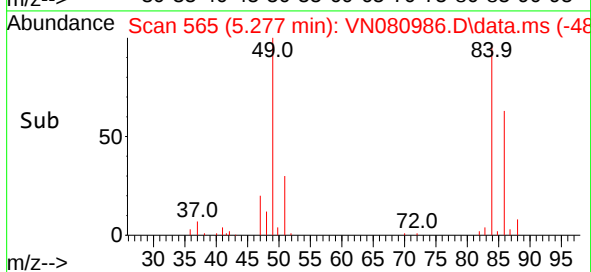
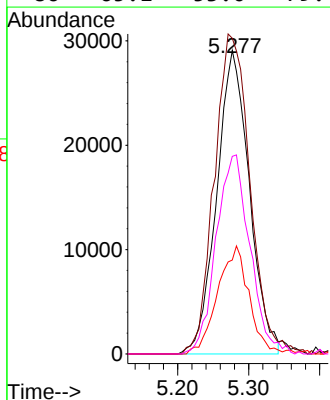
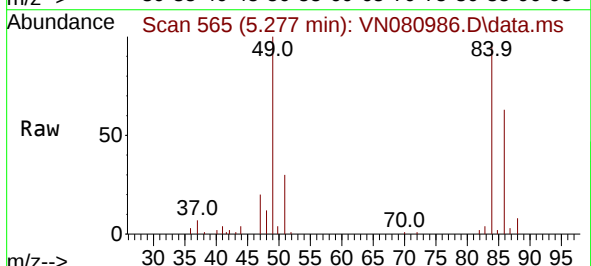
Manual Integrations
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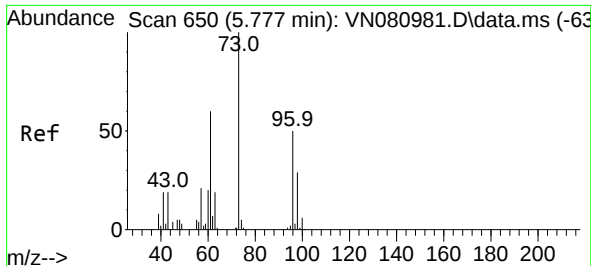
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 19.003 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

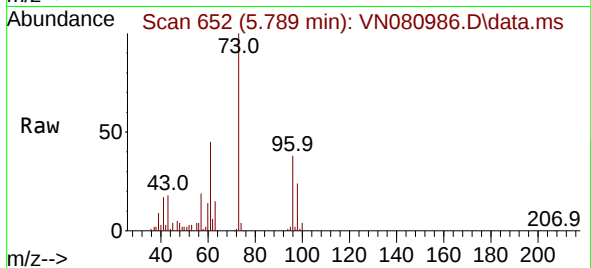
Tgt Ion: 84 Resp: 92938
 Ion Ratio Lower Upper
 84 100
 49 104.0 86.0 129.0
 51 30.9 30.0 45.0
 86 65.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.761 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

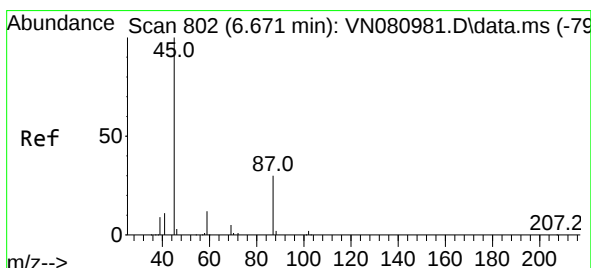
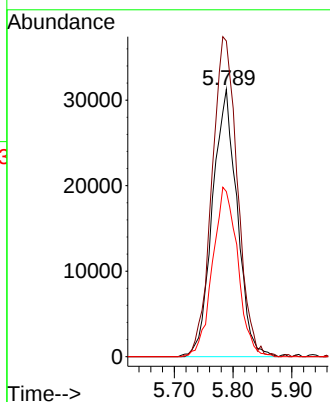
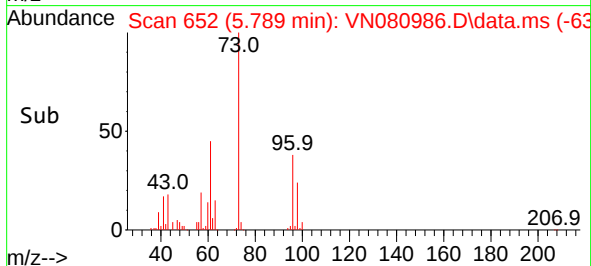
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



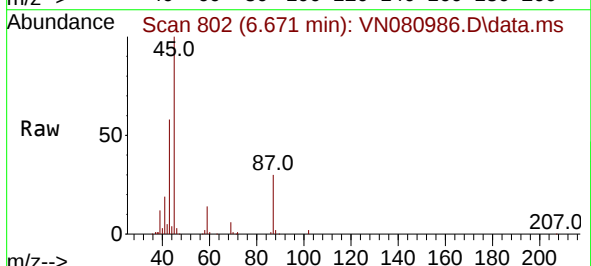
Tgt Ion: 96 Resp: 91140
Ion Ratio Lower Upper
96 100
61 118.1 111.8 167.6
98 61.7 49.2 73.8

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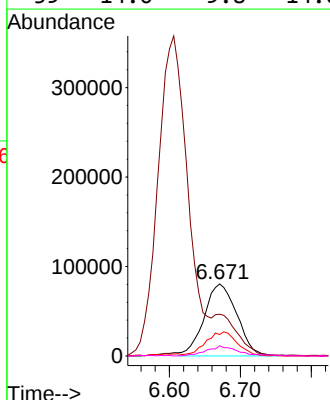
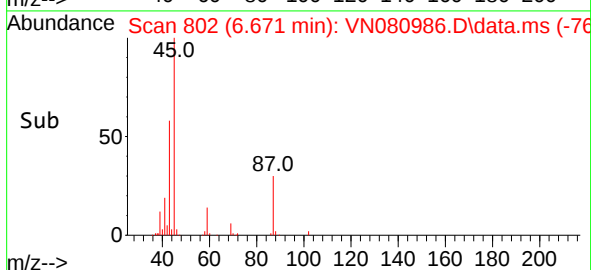
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

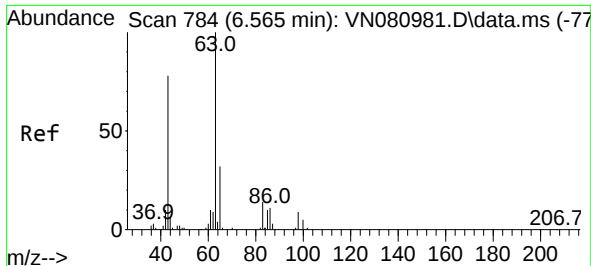


#20
Diisopropyl ether
Concen: 20.036 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



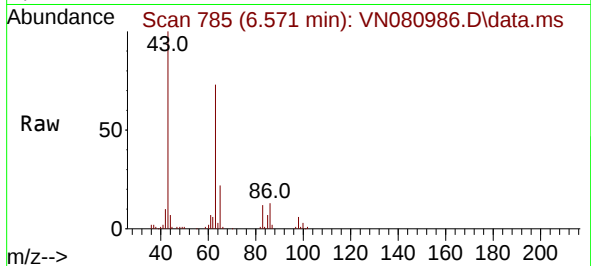
Tgt Ion: 45 Resp: 258826
Ion Ratio Lower Upper
45 100
43 57.2 40.4 60.6
87 29.7 23.8 35.8
59 14.0 9.8 14.6





#21
1,1-Dichloroethane
Concen: 19.214 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

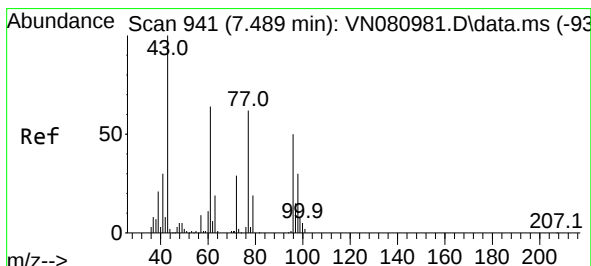
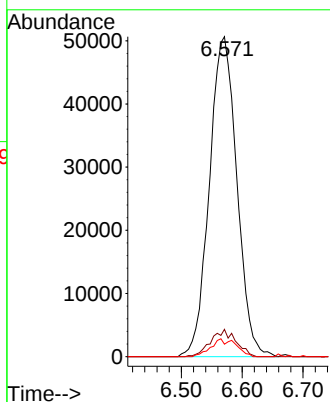
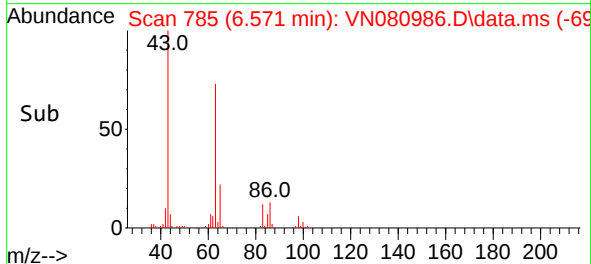
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 63 Resp: 15907
Ion Ratio Lower Upper
63 100
98 8.6 4.1 12.3
100 3.9 3.0 9.0

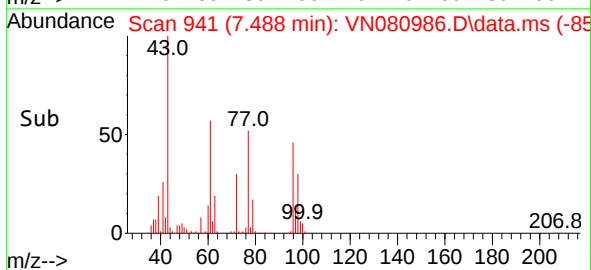
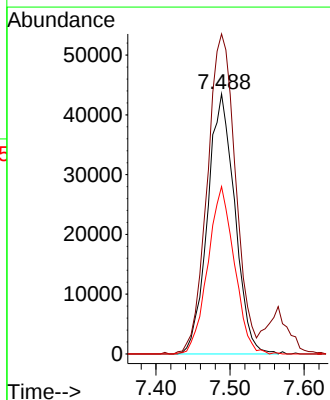
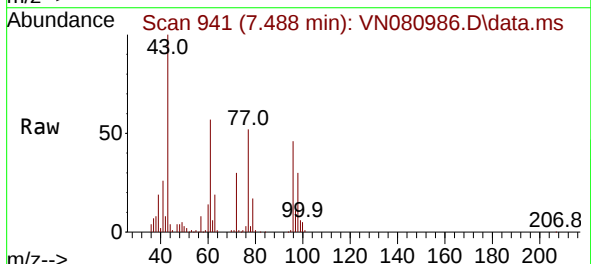
Manual Integrations
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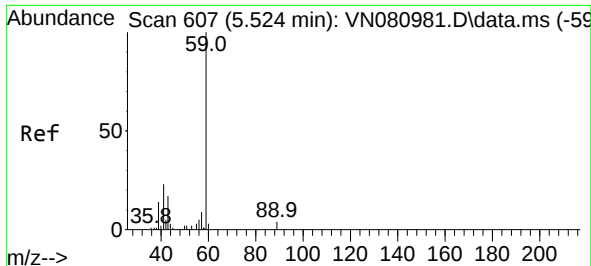
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 19.637 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 96 Resp: 110854
Ion Ratio Lower Upper
96 100
61 128.3 113.5 170.3
98 62.3 52.0 78.0





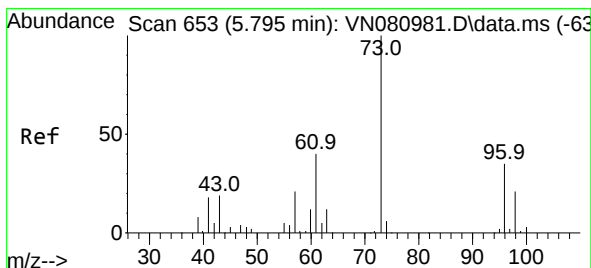
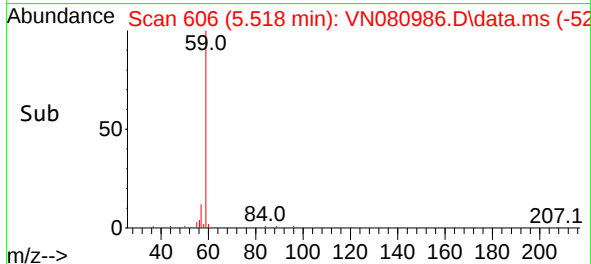
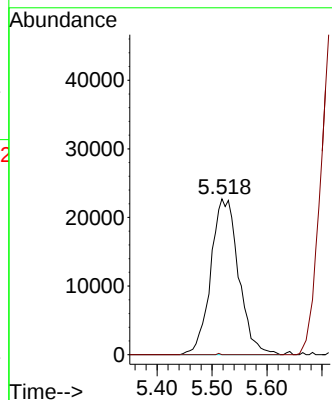
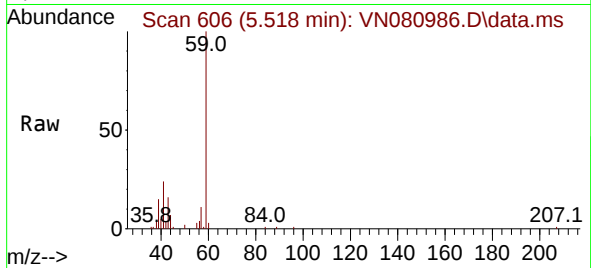
#23
tert-Butyl Alcohol
Concen: 113.920 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion: 59 Resp: 79918
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

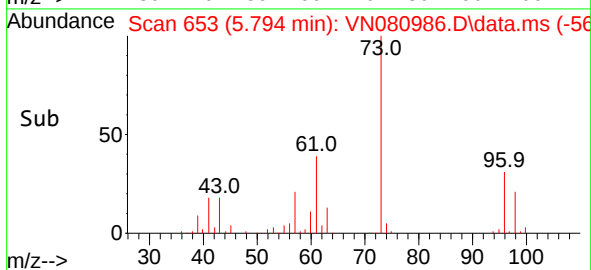
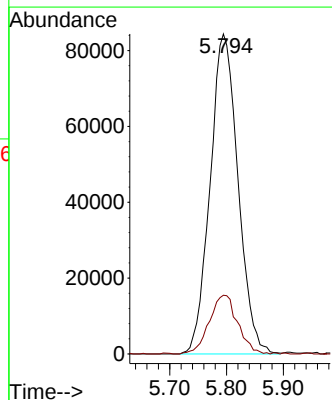
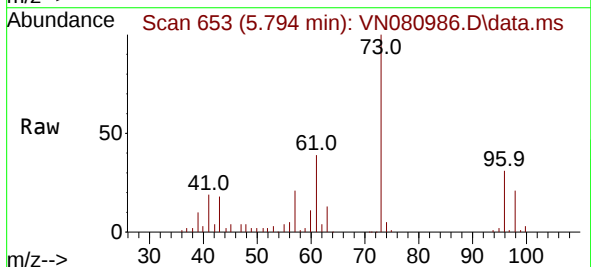
Manual Integrations
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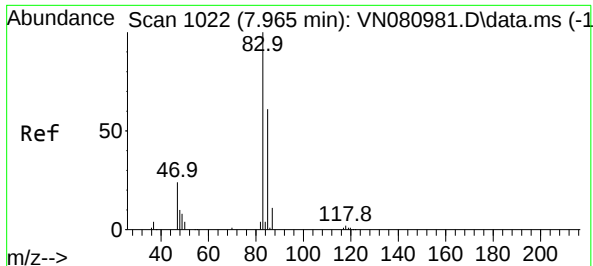
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#24
Methyl tert-Butyl Ether
Concen: 20.287 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

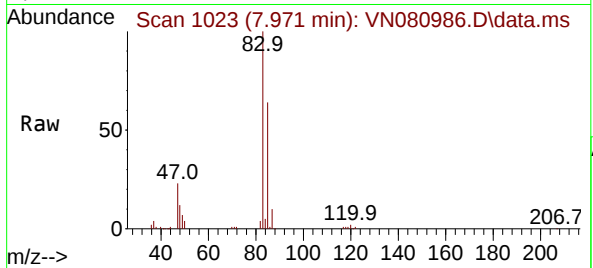
Tgt Ion: 73 Resp: 287817
Ion Ratio Lower Upper
73 100
43 18.6 13.4 20.2





#25
Chloroform
Concen: 19.796 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

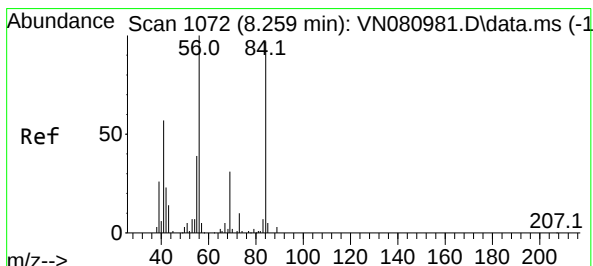
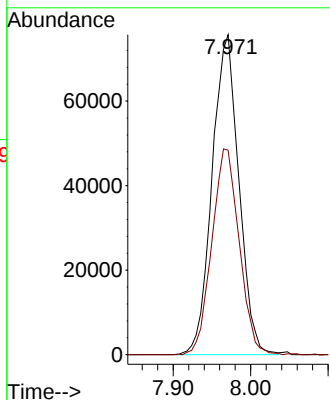
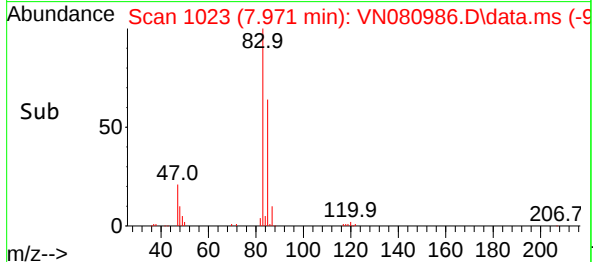
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



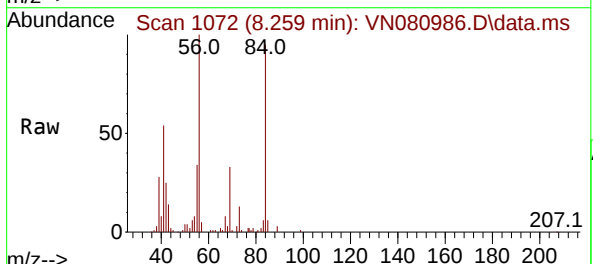
Tgt Ion: 83 Resp: 18181
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3

Manual Integrations
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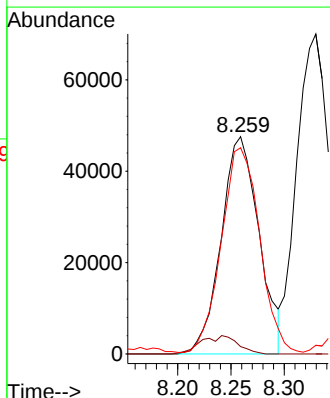
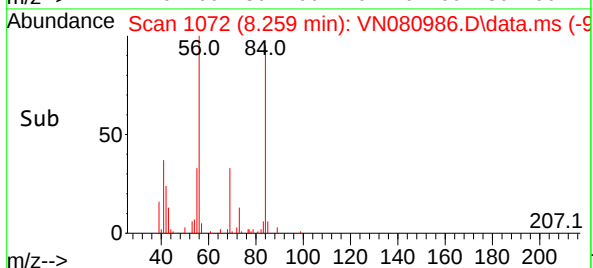
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

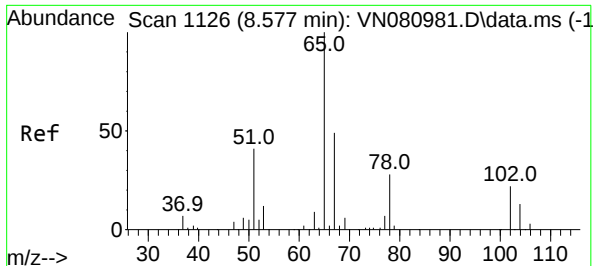


#26
Cyclohexane
Concen: 18.874 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



Tgt Ion: 56 Resp: 117655
Ion Ratio Lower Upper
56 100
89 4.3 19.3 28.9#
84 97.0 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.738 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

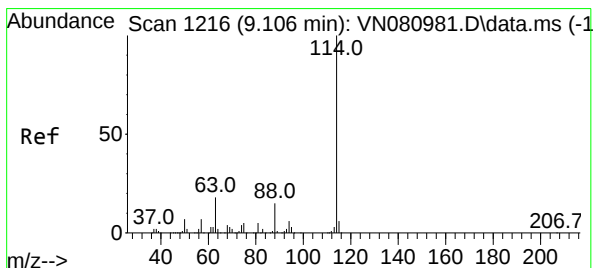
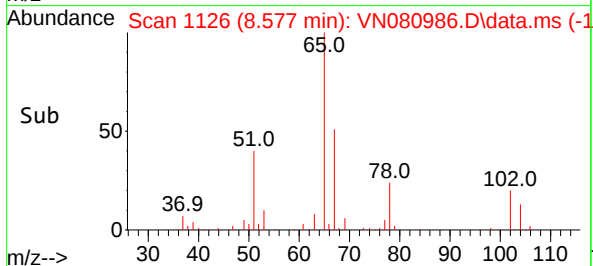
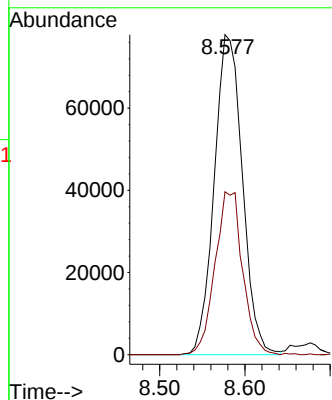
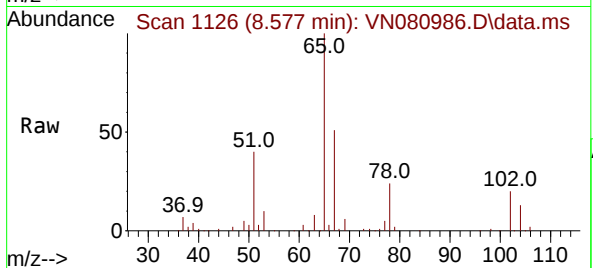
Tgt Ion: 65 Resp: 17884
Ion Ratio Lower Upper
65 100
67 49.8 43.2 64.8

Manual Integrations

APPROVED

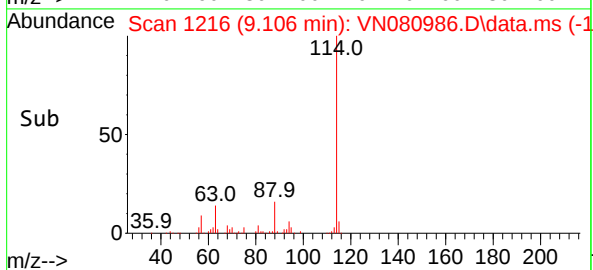
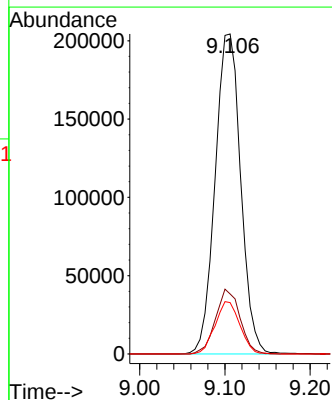
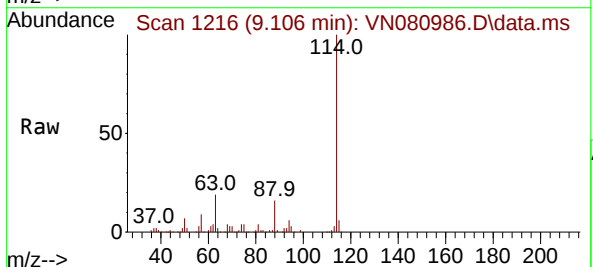
Reviewed By :John Carlone 02/12/2024

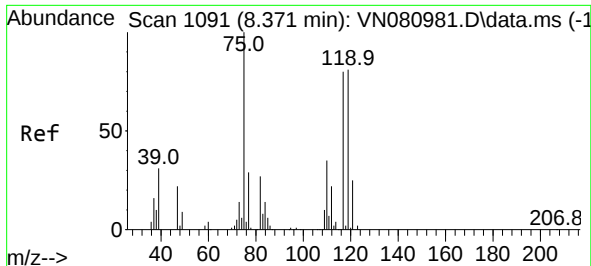
Supervised By :Mahesh Dadoda 02/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

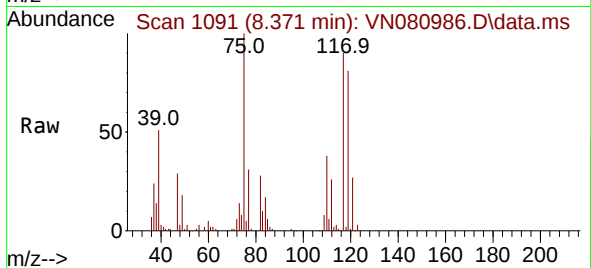
Tgt Ion:114 Resp: 425866
Ion Ratio Lower Upper
114 100
63 19.3 15.9 23.9
88 15.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.491 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

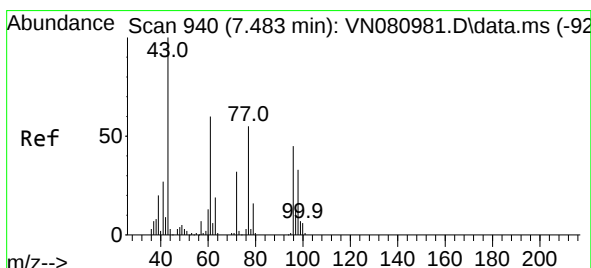
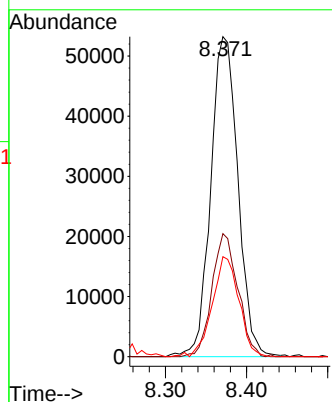
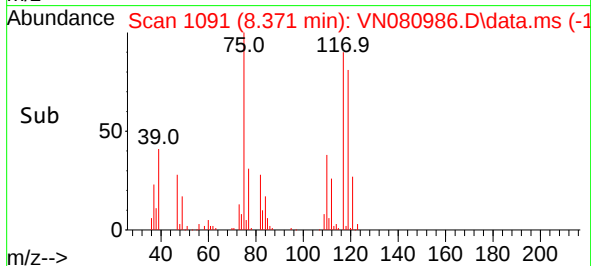
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 75 Resp: 12364
Ion Ratio Lower Upper
75 100
110 36.6 0.0 70.2
77 30.4 0.0 61.4

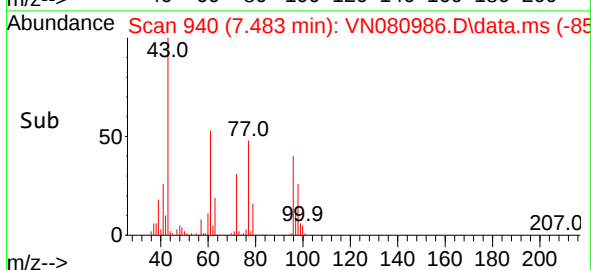
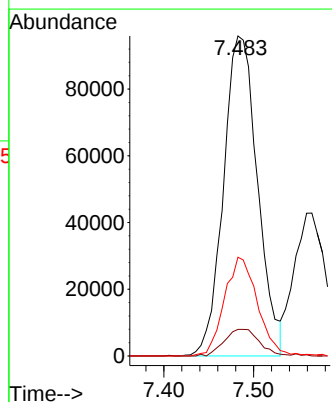
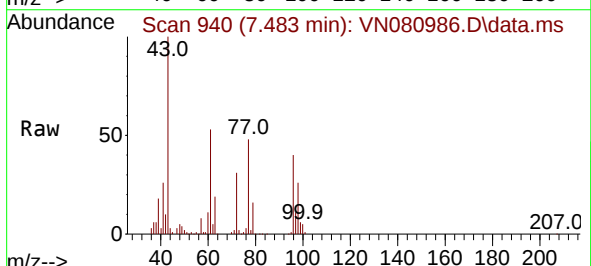
Manual Integrations
APPROVED

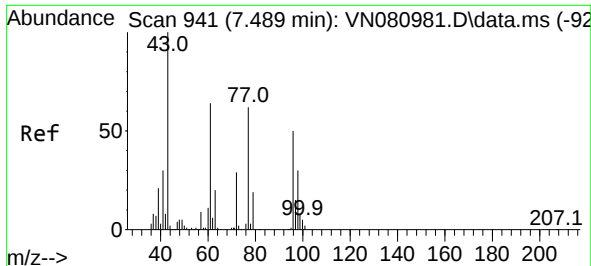
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 108.833 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

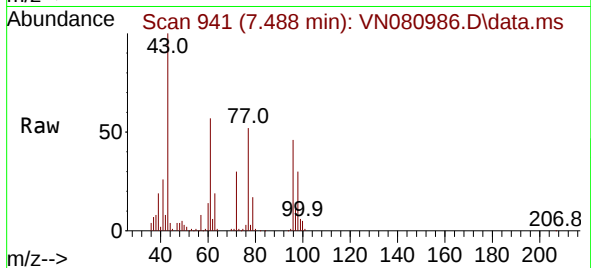
Tgt Ion: 43 Resp: 253302
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 29.9 24.0 36.0





#31
2,2-Dichloropropane
Concen: 19.445 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

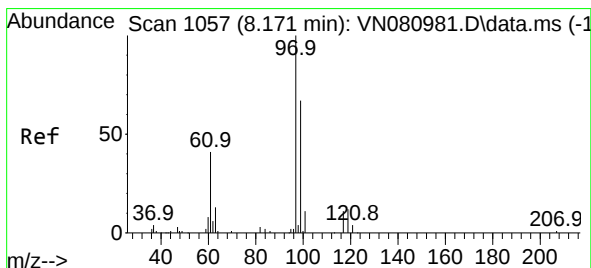
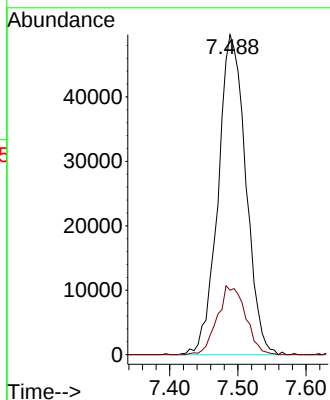
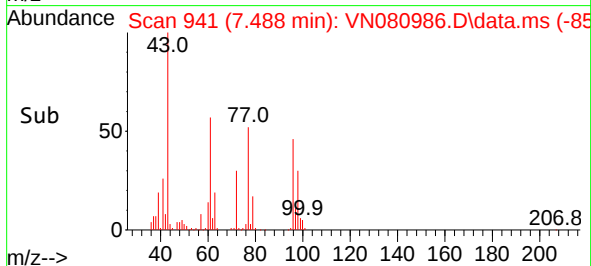
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



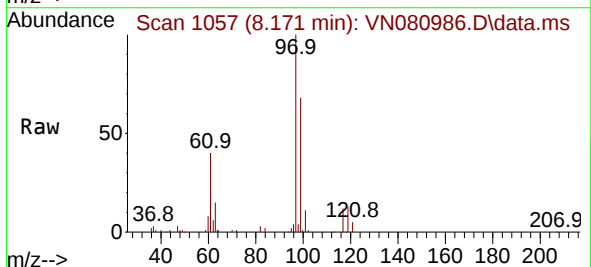
Tgt Ion: 77 Resp: 14044
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

Manual Integrations
APPROVED

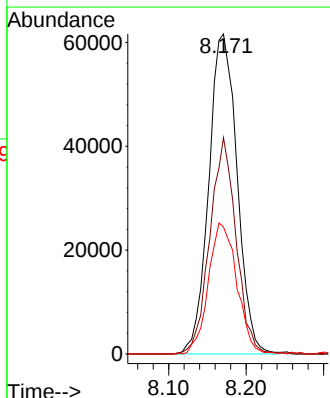
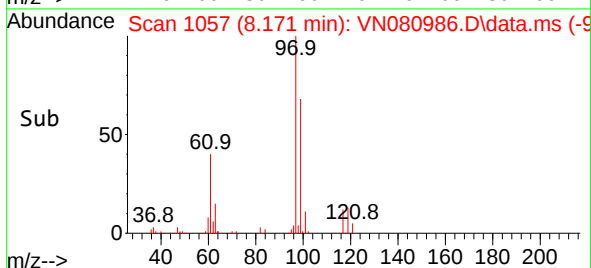
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

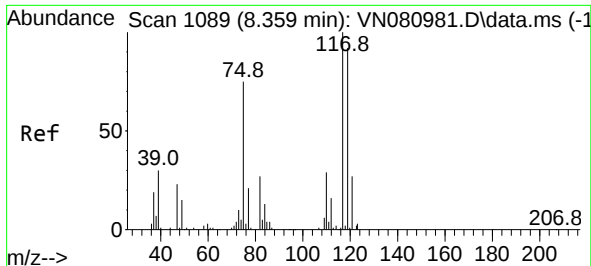


#32
1,1,1-Trichloroethane
Concen: 19.636 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



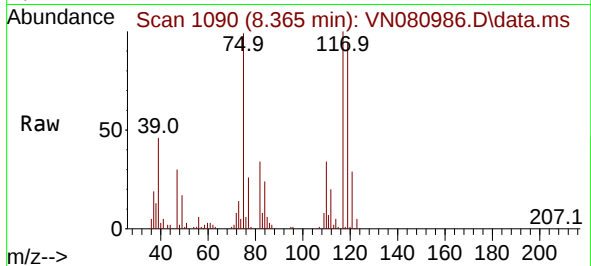
Tgt Ion: 97 Resp: 156699
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.4
61 40.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.758 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

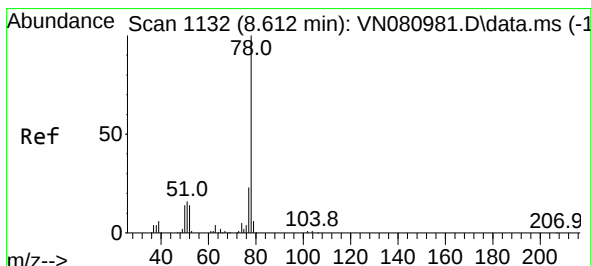
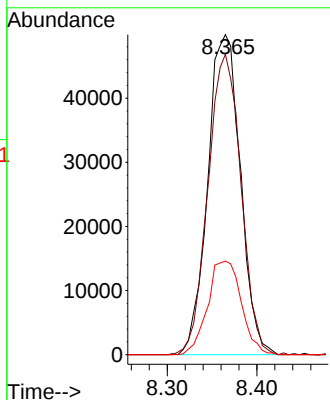
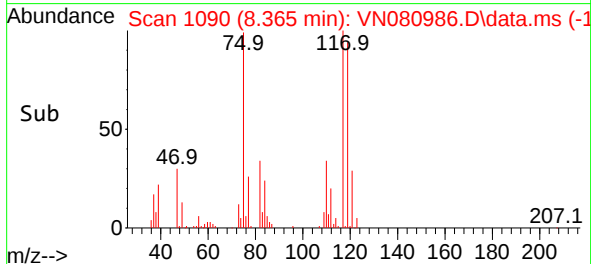
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 117 Resp: 126119
Ion Ratio Lower Upper
117 100
119 93.9 77.7 116.5
121 29.3 27.0 40.6

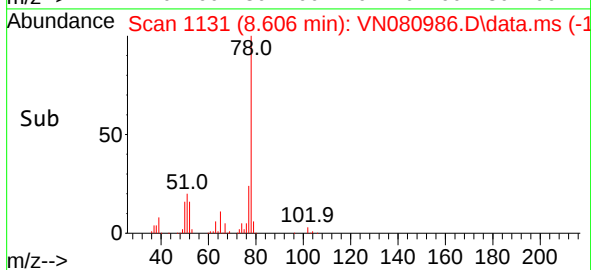
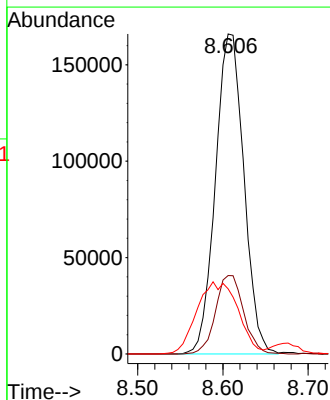
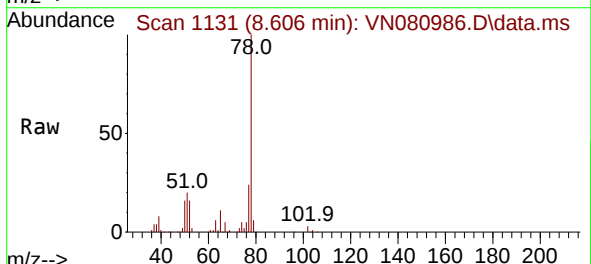
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 19.860 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

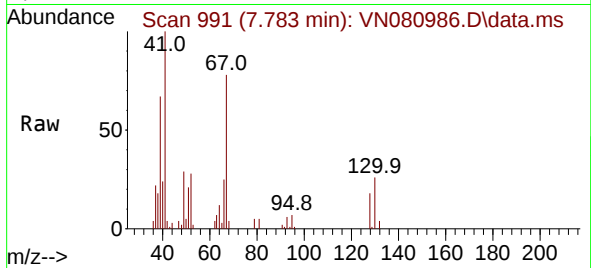
Tgt Ion: 78 Resp: 384985
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 19.0 13.3 19.9





#35
Methacrylonitrile
Concen: 20.913 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

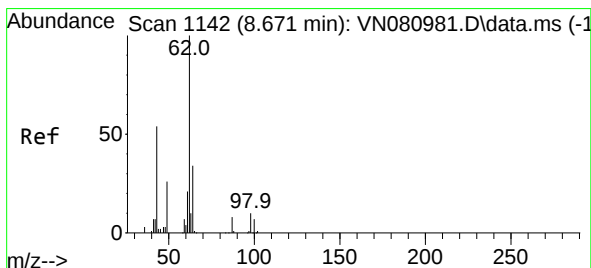
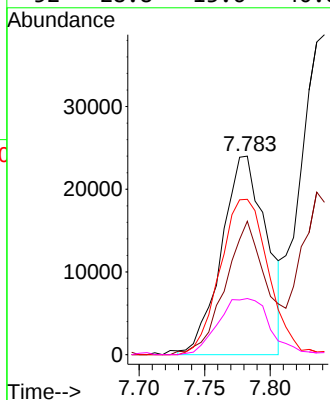
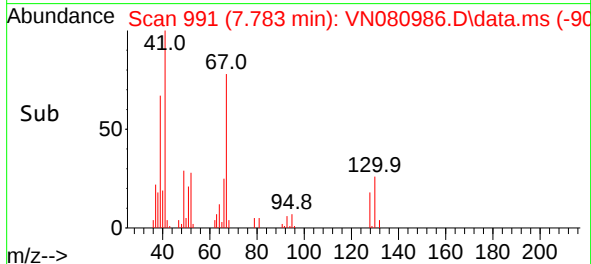
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 41 Resp: 5721
Ion Ratio Lower Upper
41 100
39 66.8 25.3 75.9
67 79.7 38.7 116.1
52 28.8 13.6 40.8

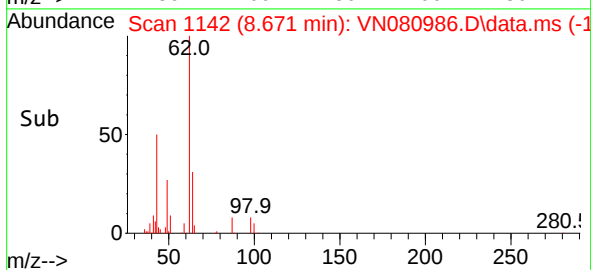
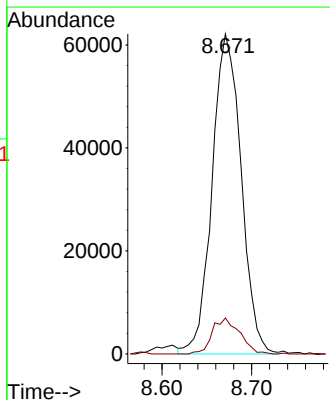
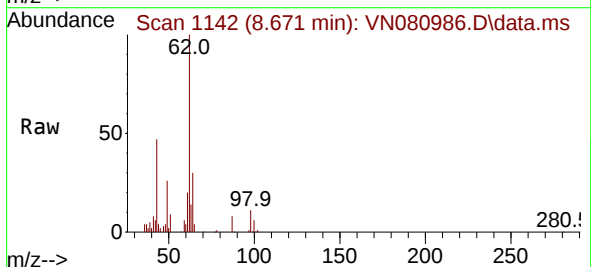
Manual Integrations
APPROVED

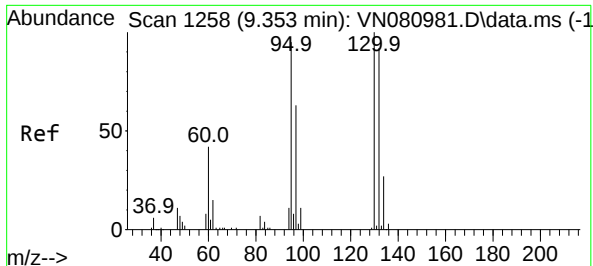
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 21.451 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 62 Resp: 139557
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.4





#37

Trichloroethene

Concen: 19.748 ug/l

RT: 9.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

Tgt Ion:130 Resp: 101780

Ion Ratio Lower Upper

130 100

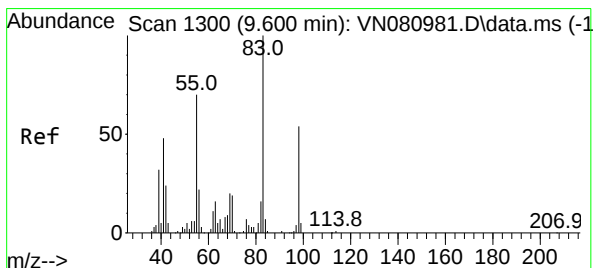
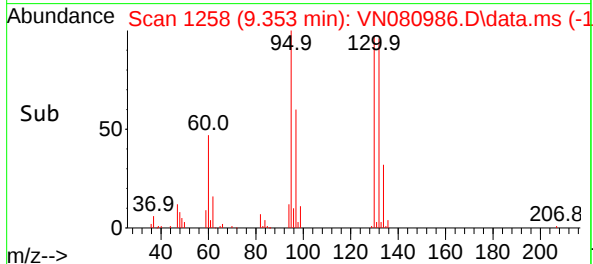
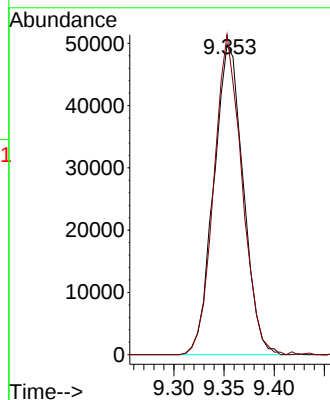
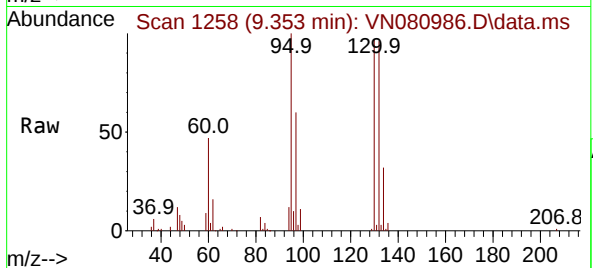
95 103.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 19.251 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

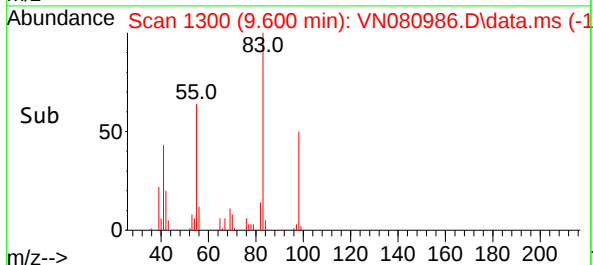
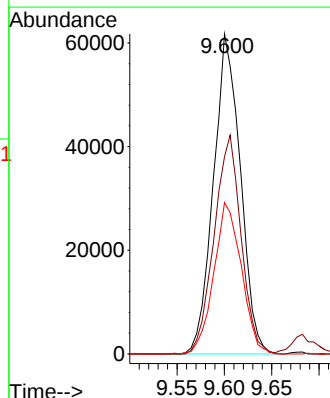
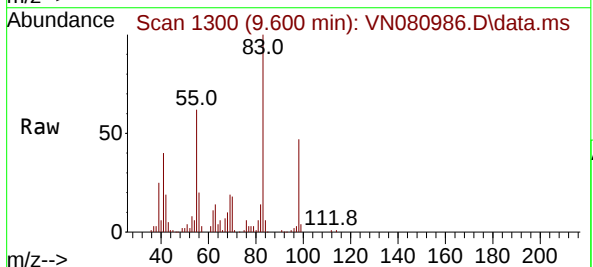
Tgt Ion: 83 Resp: 121873

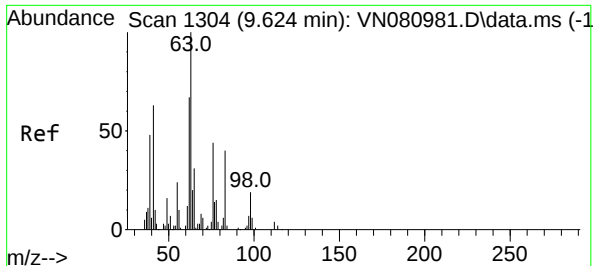
Ion Ratio Lower Upper

83 100

55 68.4 36.6 109.9

98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.216 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

Tgt Ion: 63 Resp: 9295

Ion Ratio Lower Upper

63 100

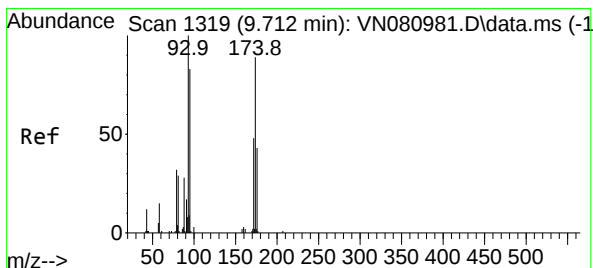
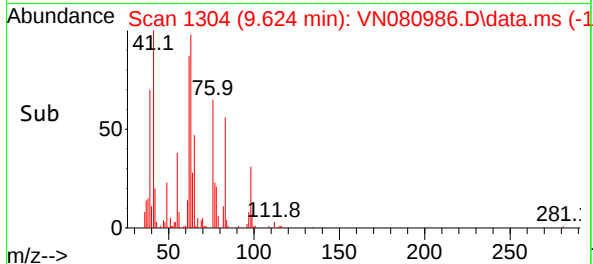
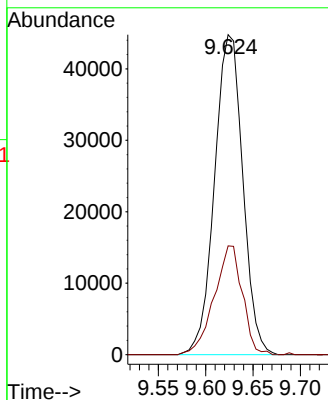
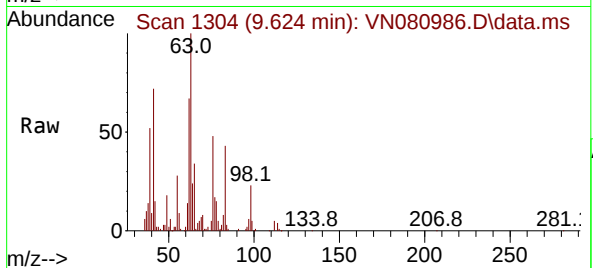
65 34.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 20.532 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

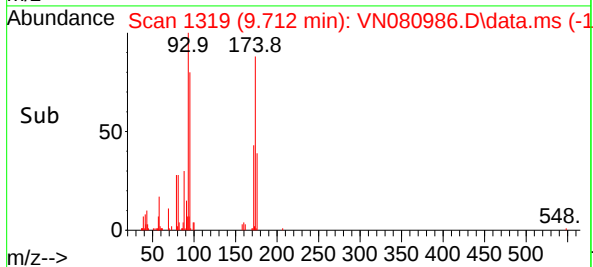
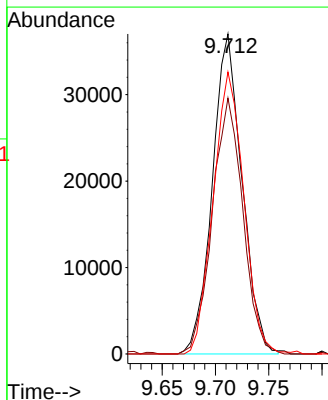
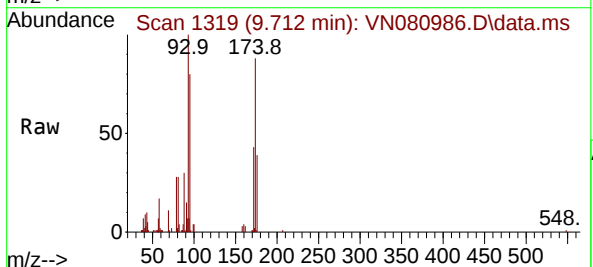
Tgt Ion: 93 Resp: 71827

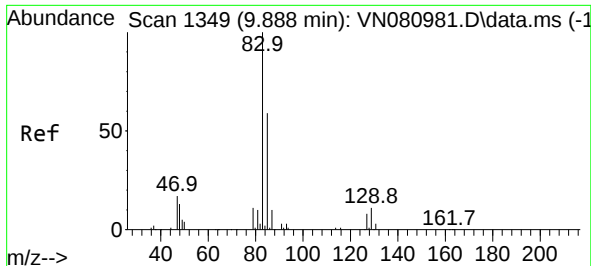
Ion Ratio Lower Upper

93 100

95 82.0 0.0 164.6

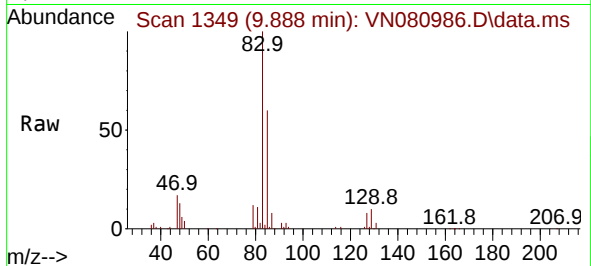
174 90.7 0.0 193.2





#41
Bromodichloromethane
Concen: 20.193 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

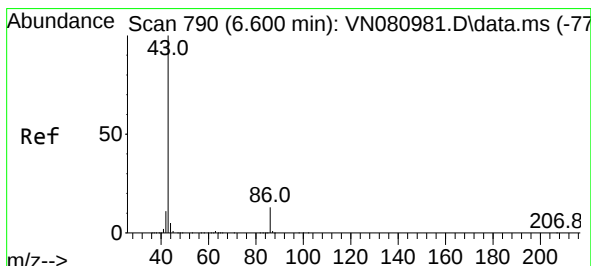
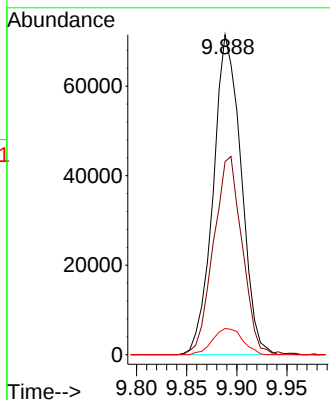
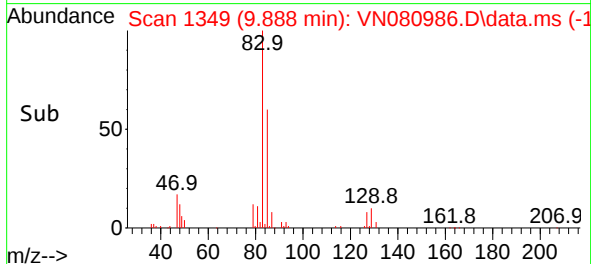
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 83 Resp: 13825
Ion Ratio Lower Upper
83 100
85 60.3 49.4 74.2
127 8.2 7.3 10.9

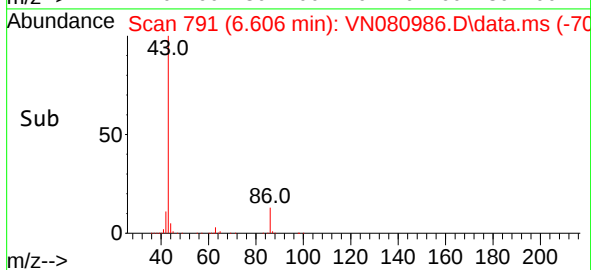
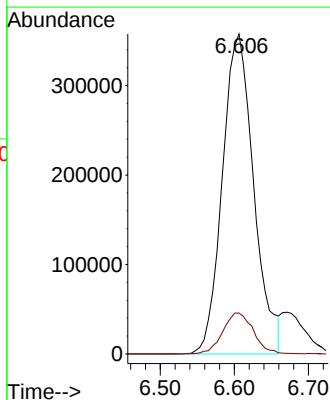
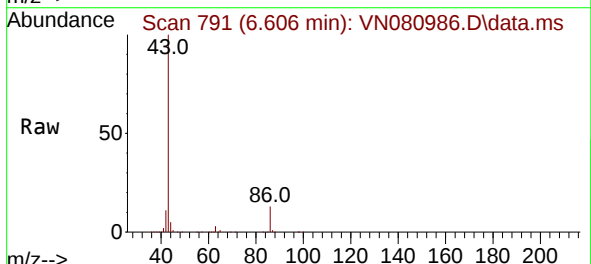
Manual Integrations
APPROVED

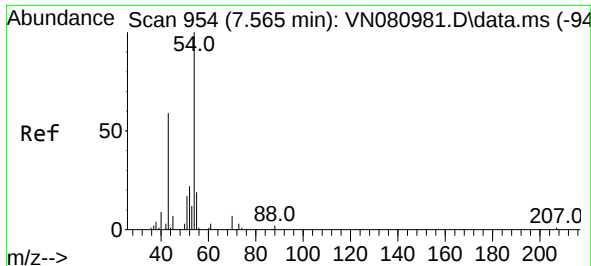
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 105.696 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

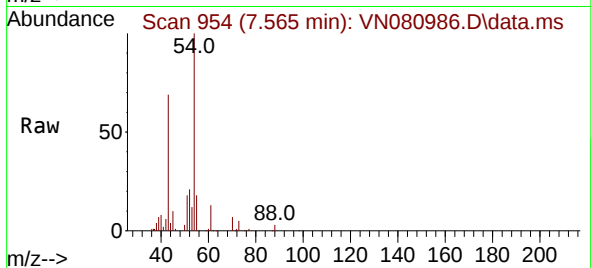
Tgt Ion: 43 Resp: 1052247
Ion Ratio Lower Upper
43 100
86 12.5 9.4 14.2





#43
Ethyl Acetate
Concen: 22.729 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

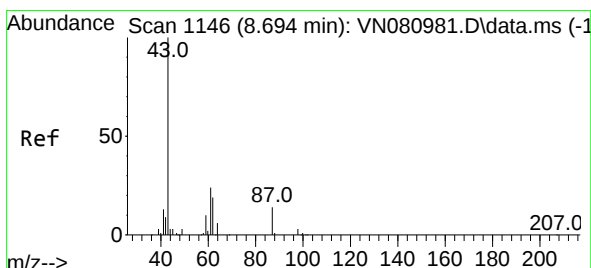
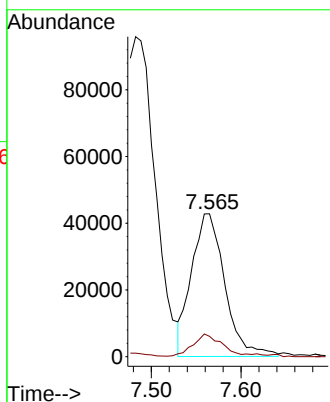
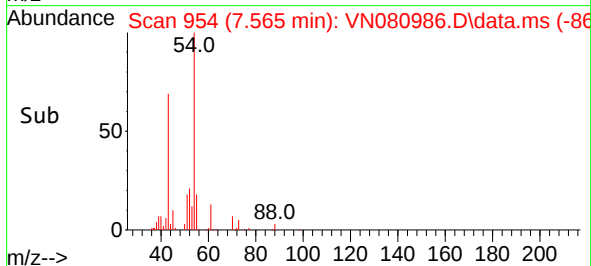
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



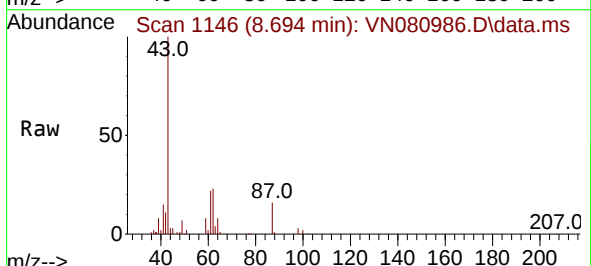
Tgt Ion: 43 Resp: 11018
Ion Ratio Lower Upper
43 100
45 13.0 10.6 15.8

Manual Integrations
APPROVED

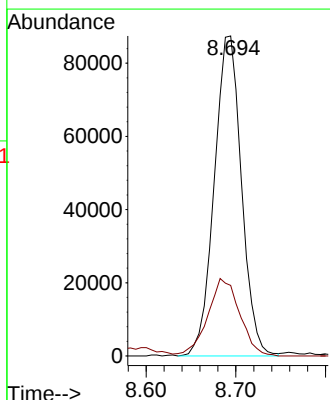
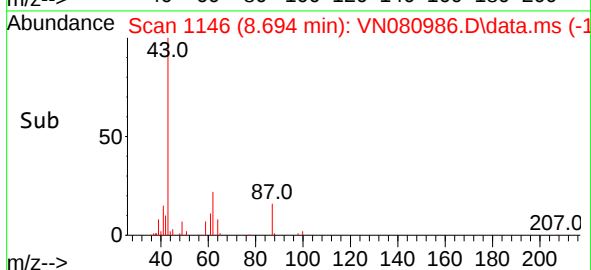
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

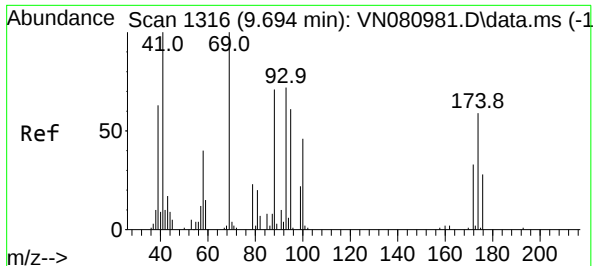


#44
Isopropyl Acetate
Concen: 21.164 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



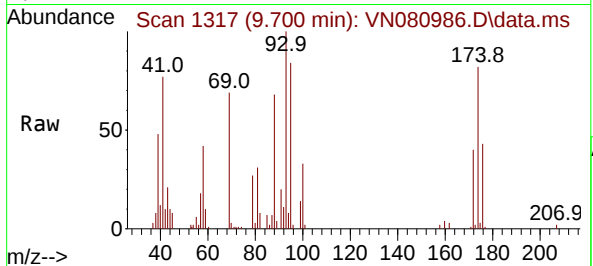
Tgt Ion: 43 Resp: 184345
Ion Ratio Lower Upper
43 100
61 28.5 25.0 37.4





#45
1,4-Dioxane
Concen: 457.181 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

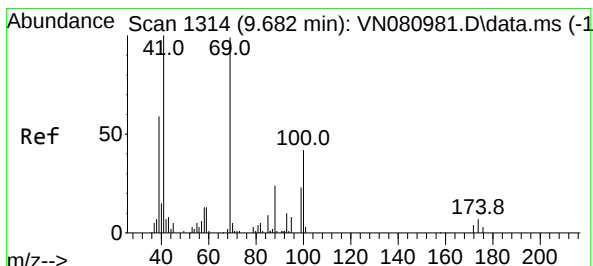
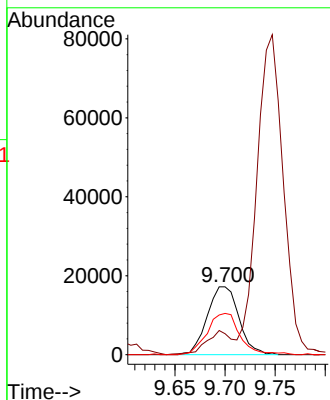
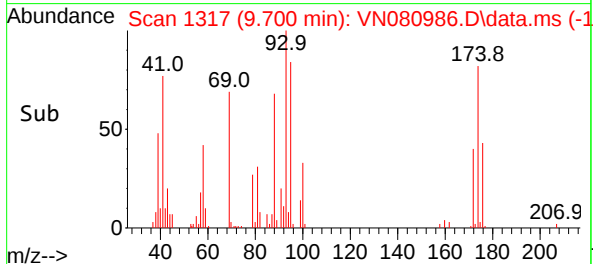
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



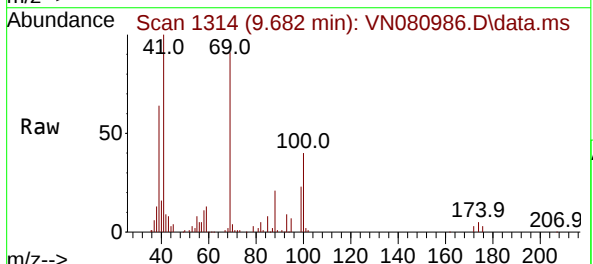
Tgt Ion: 88 Resp: 3776
Ion Ratio Lower Upper
88 100
43 29.6 19.8 29.6
58 63.0 55.4 83.0

Manual Integrations
APPROVED

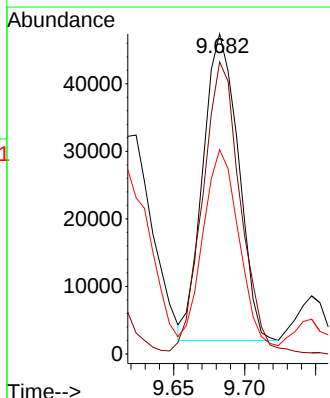
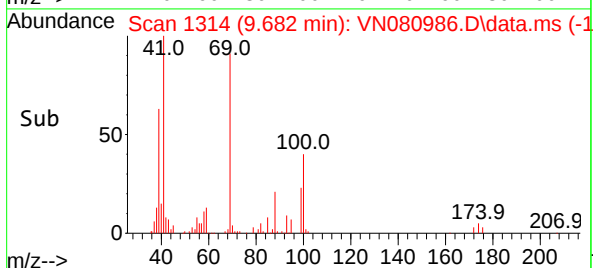
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

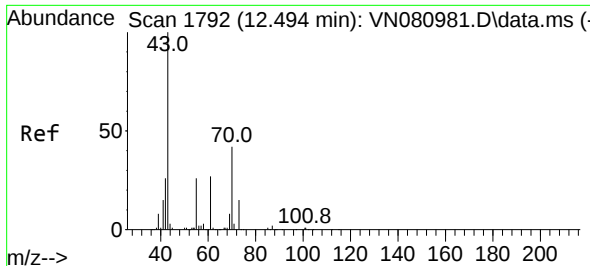


#46
Methyl methacrylate
Concen: 19.735 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



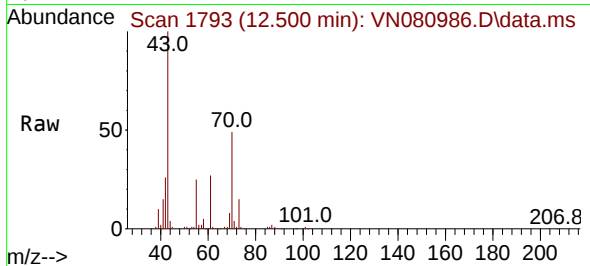
Tgt Ion: 41 Resp: 78653
Ion Ratio Lower Upper
41 100
69 93.2 51.1 153.3
39 63.9 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.730 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

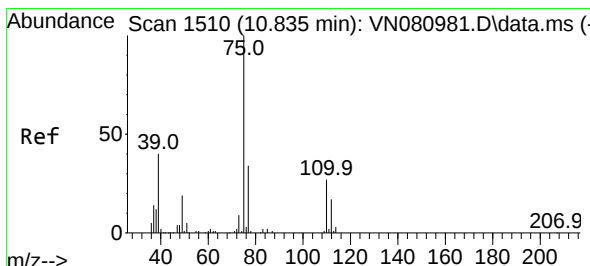
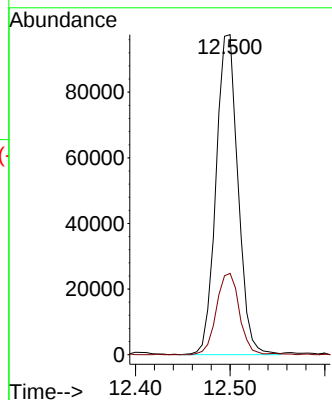
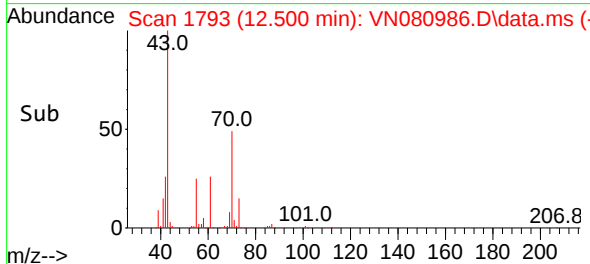
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 43 Resp: 157472
Ion Ratio Lower Upper
43 100
55 26.4 23.4 35.2

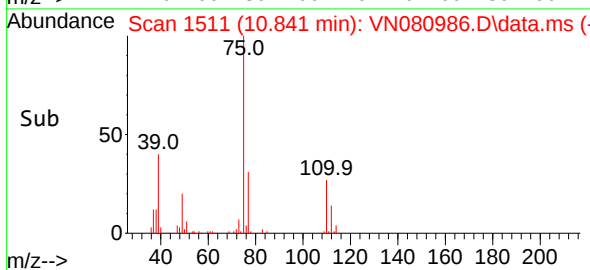
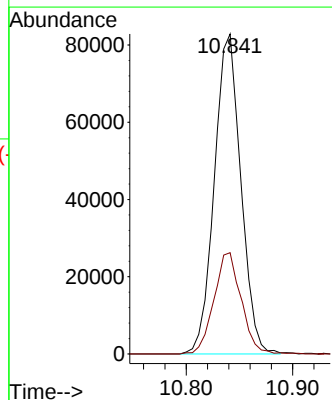
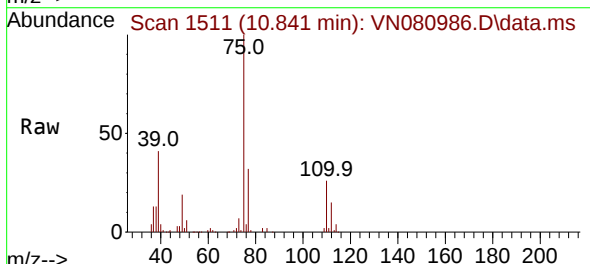
Manual Integrations
APPROVED

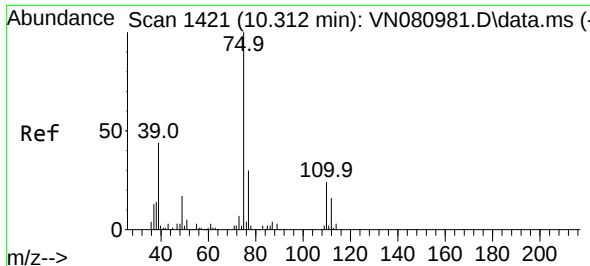
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 19.936 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

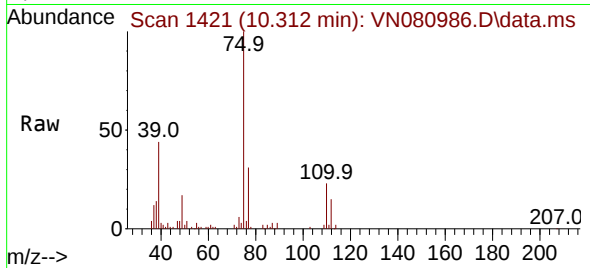
Tgt Ion: 75 Resp: 143051
Ion Ratio Lower Upper
75 100
77 31.7 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.874 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

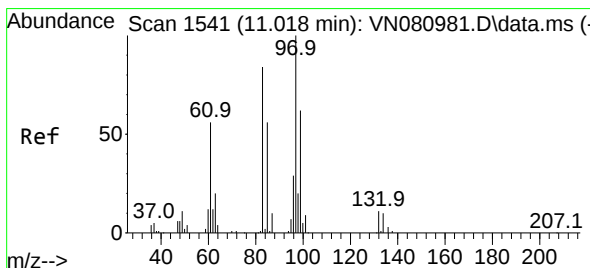
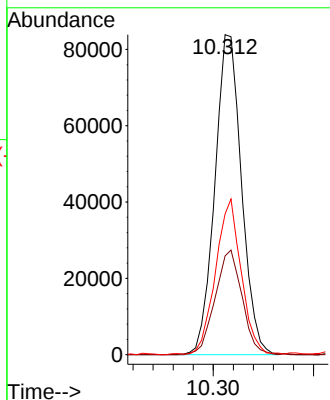
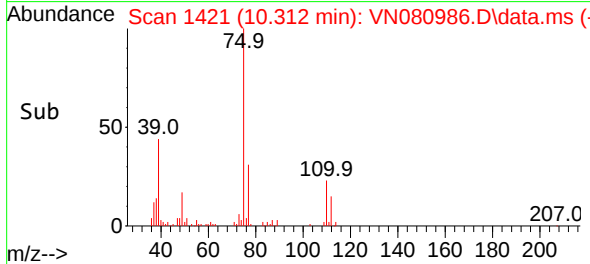
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01



Tgt Ion: 75 Resp: 154520
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 43.6 31.0 46.6

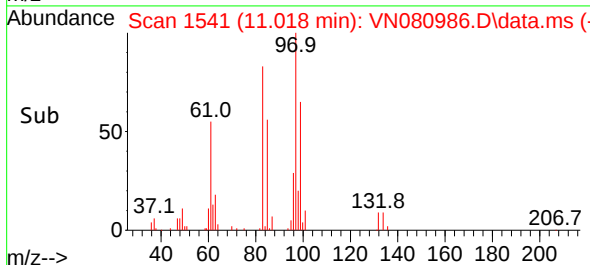
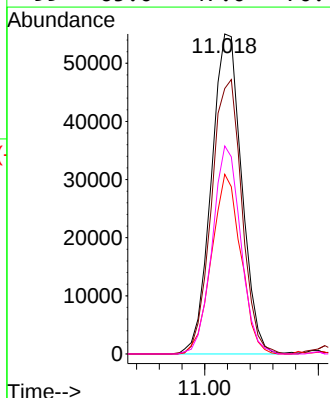
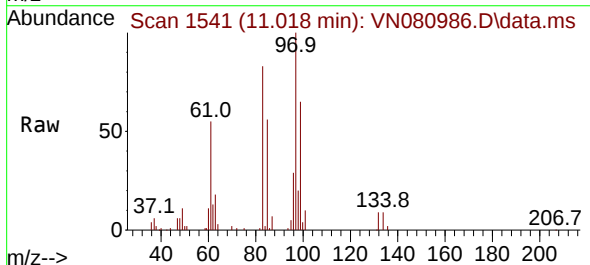
Manual Integrations
 APPROVED

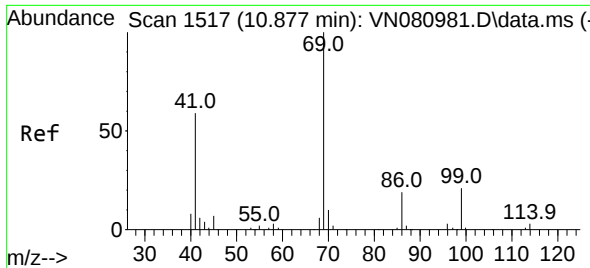
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 21.131 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

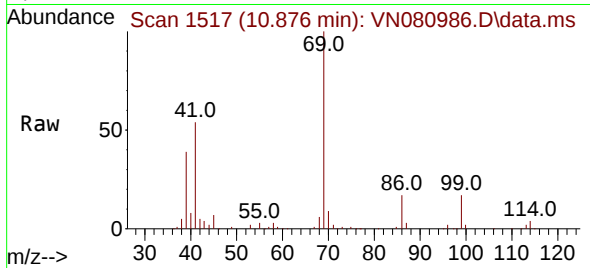
Tgt Ion: 97 Resp: 102285
 Ion Ratio Lower Upper
 97 100
 83 82.6 68.1 102.1
 85 56.2 41.8 62.6
 99 65.0 47.0 70.4





#51
Ethyl methacrylate
Concen: 20.423 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

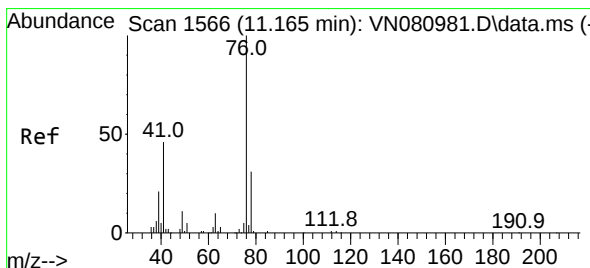
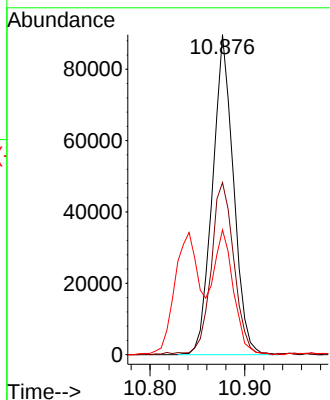
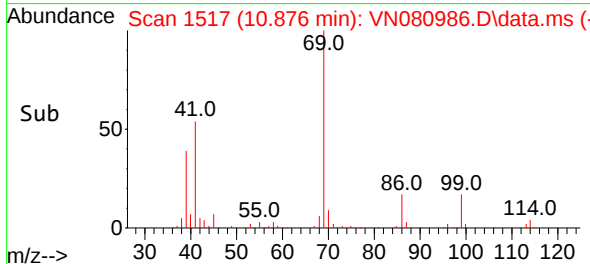
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 69 Resp: 13816
Ion Ratio Lower Upper
69 100
41 53.4 25.5 76.5
39 38.8 16.0 47.9

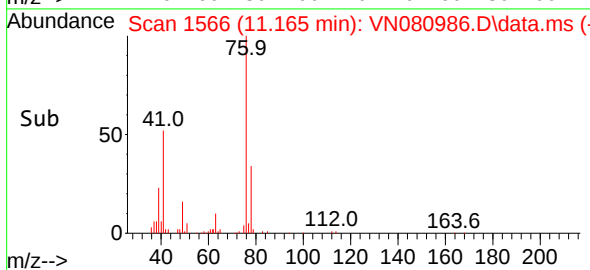
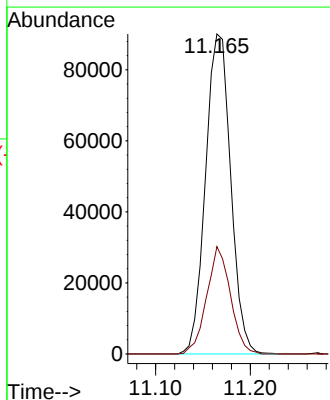
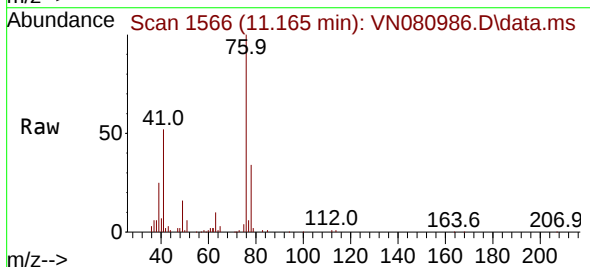
Manual Integrations
APPROVED

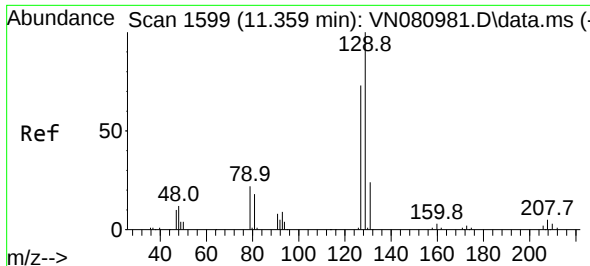
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 20.831 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 76 Resp: 166503
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.8





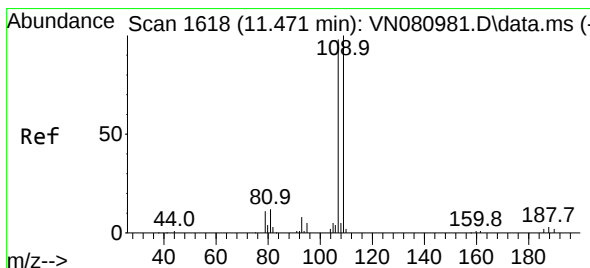
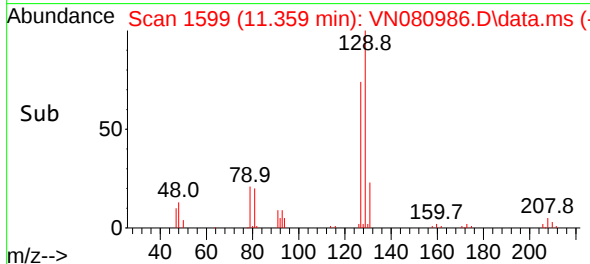
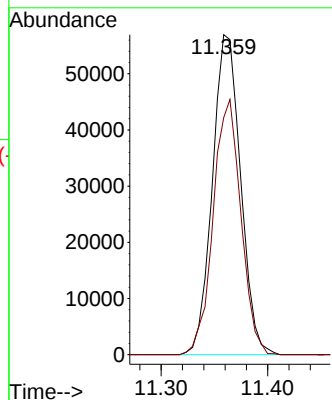
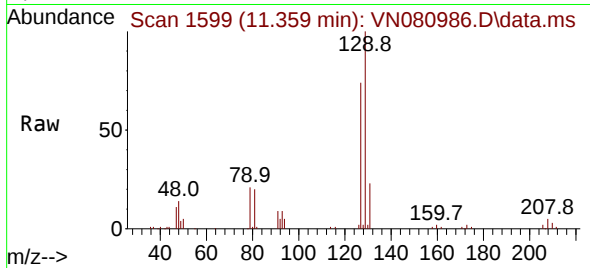
#53
Dibromochloromethane
Concen: 19.870 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion:129 Resp: 10482
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.1

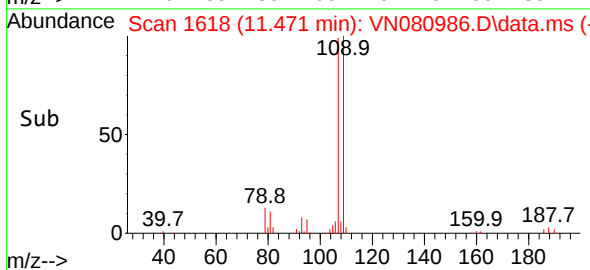
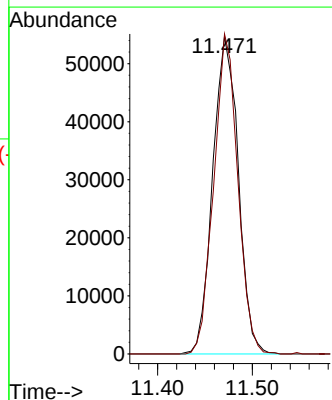
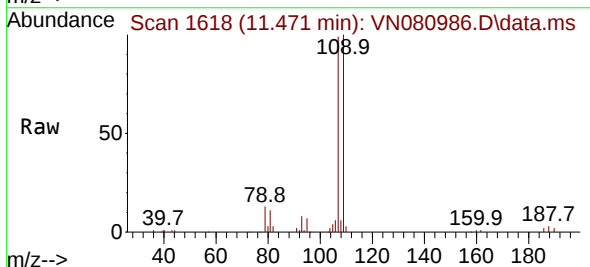
Manual Integrations
APPROVED

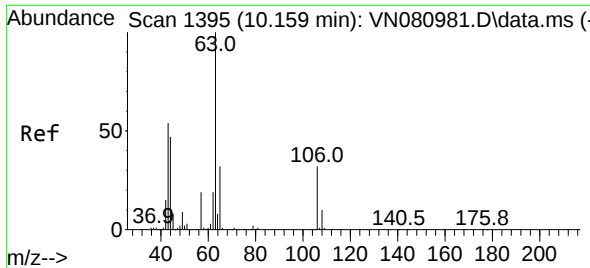
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#54
1,2-Dibromoethane
Concen: 20.437 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion:107 Resp: 102341
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1





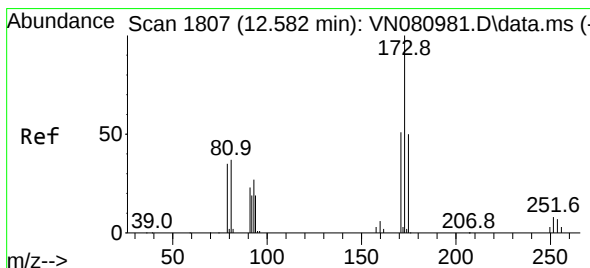
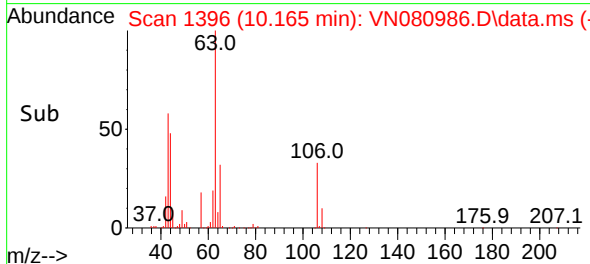
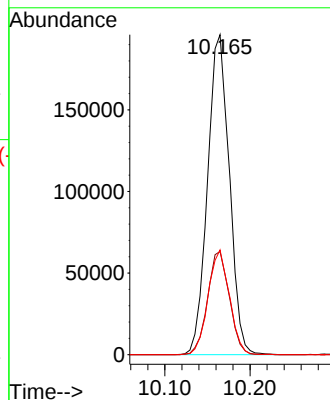
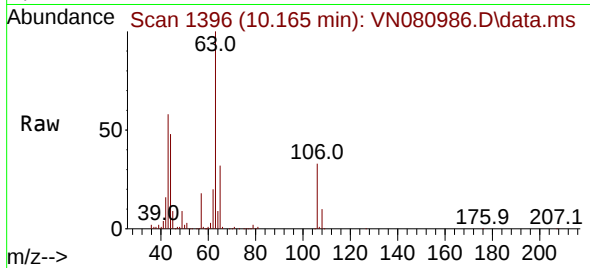
#55
2-Chloroethyl vinyl ether
Concen: 100.521 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion: 63 Resp: 34849
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 32.1 23.8 35.8

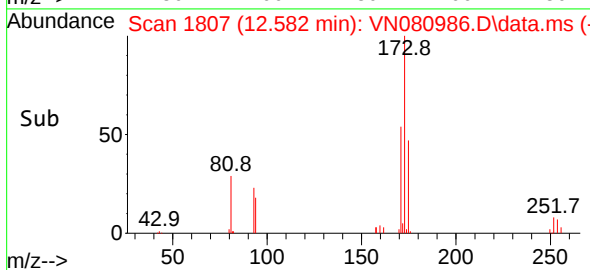
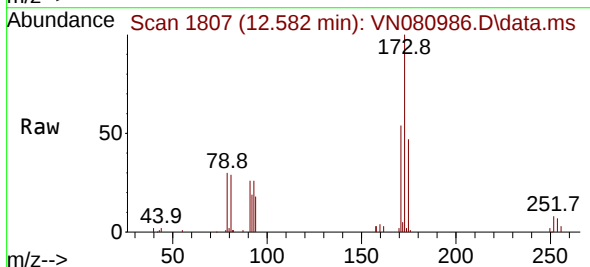
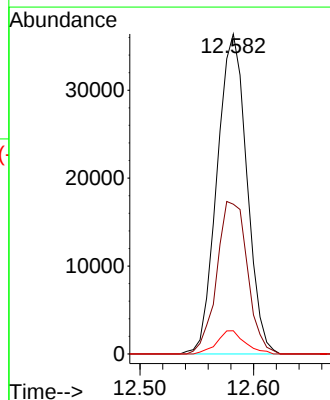
Manual Integrations
APPROVED

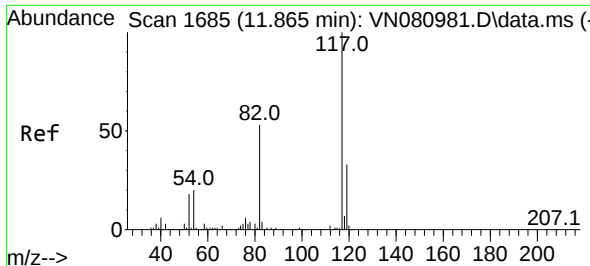
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 19.689 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

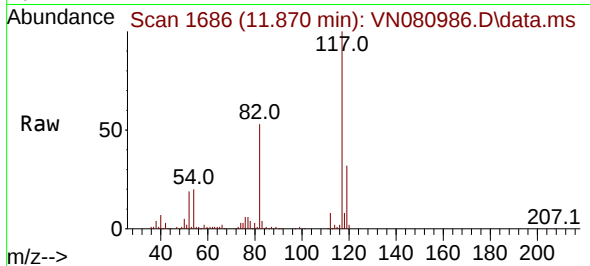
Tgt Ion:173 Resp: 66155
Ion Ratio Lower Upper
173 100
175 49.0 40.0 60.0
254 6.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

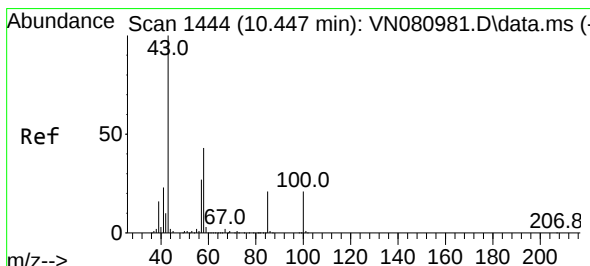
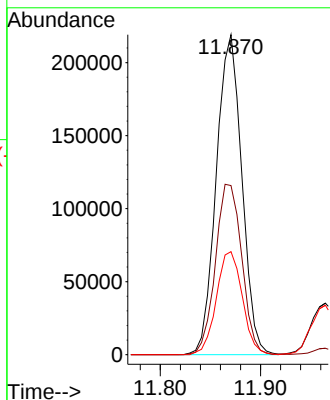
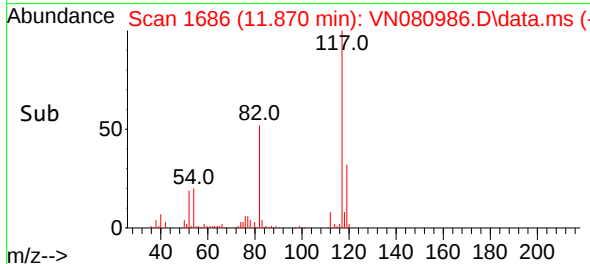
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion:117 Resp: 38805
Ion Ratio Lower Upper
117 100
82 54.9 46.6 69.8
119 32.7 25.4 38.2

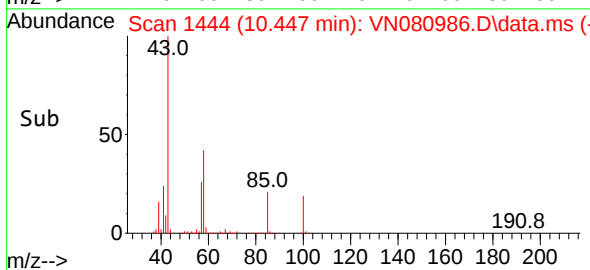
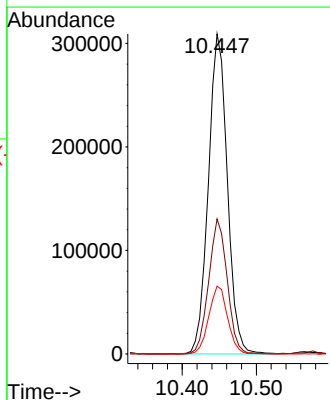
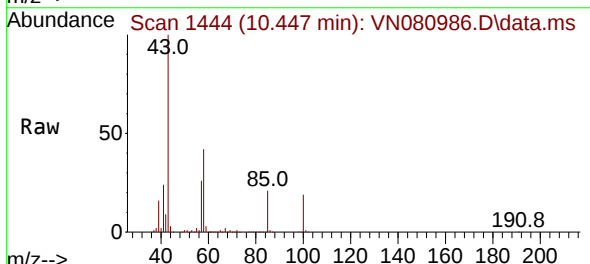
Manual Integrations
APPROVED

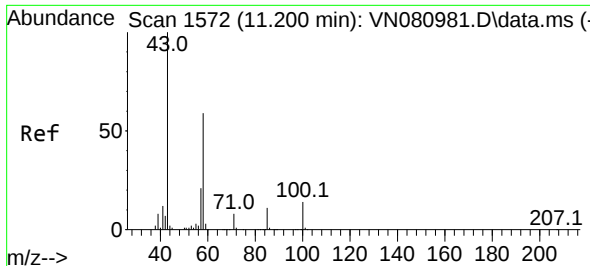
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 109.190 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

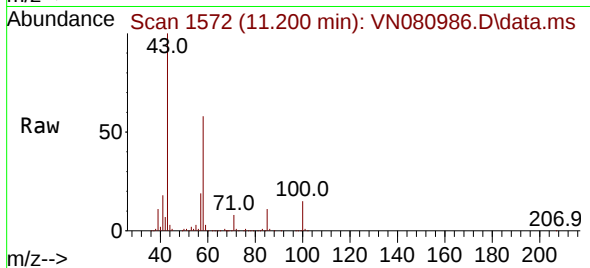
Tgt Ion: 43 Resp: 550107
Ion Ratio Lower Upper
43 100
58 41.2 36.5 54.7
85 21.0 19.5 29.3





#59
2-Hexanone
Concen: 109.909 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

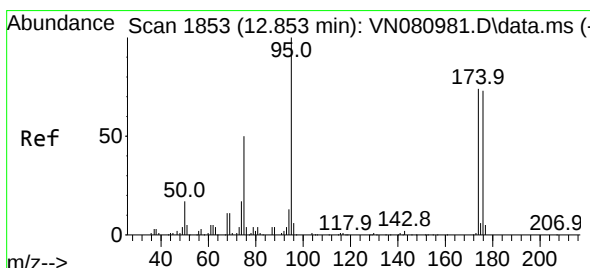
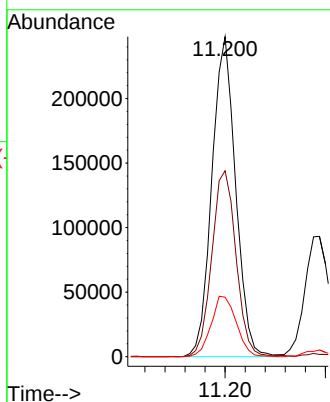
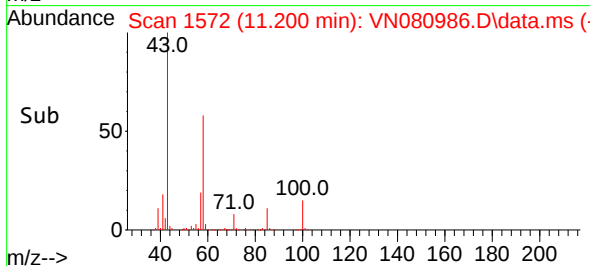
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 43 Resp: 407260
Ion Ratio Lower Upper
43 100
58 59.1 50.4 75.6
57 20.1 18.6 27.8

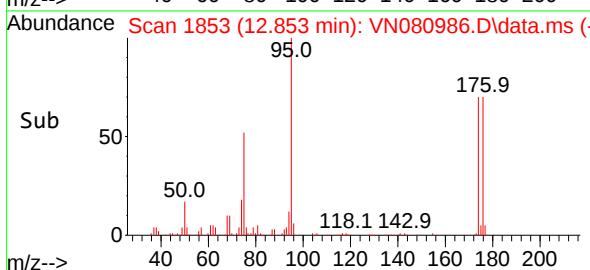
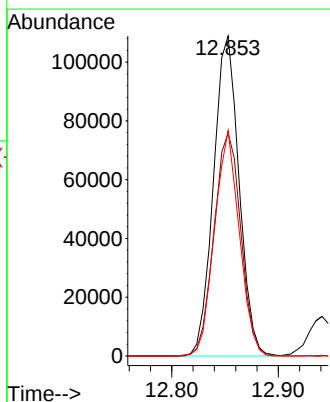
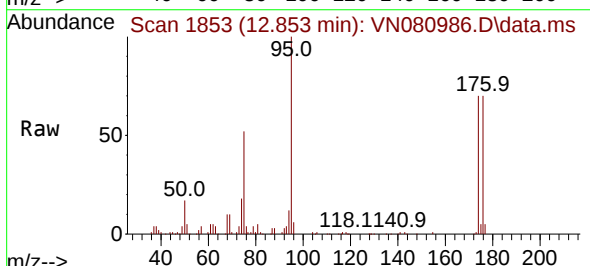
Manual Integrations
APPROVED

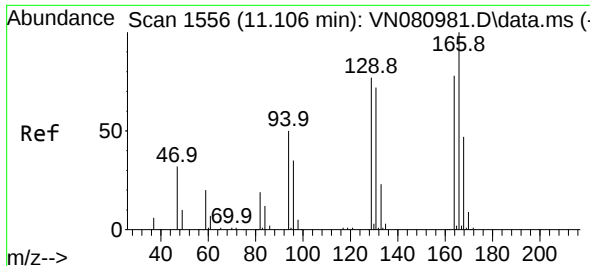
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 30.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

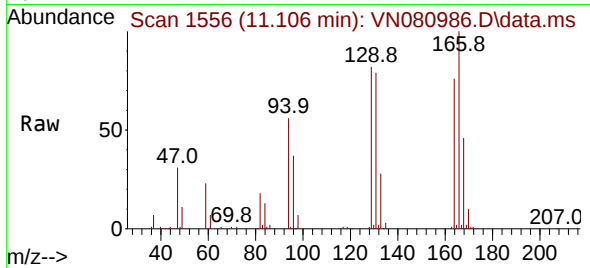
Tgt Ion: 95 Resp: 181470
Ion Ratio Lower Upper
95 100
174 72.9 60.5 90.7
176 68.6 57.8 86.6





#61
Tetrachloroethene
Concen: 18.997 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

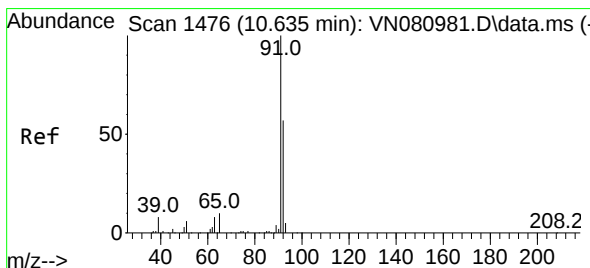
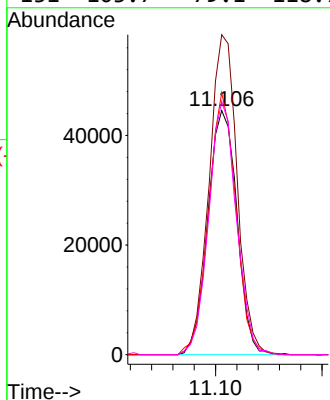
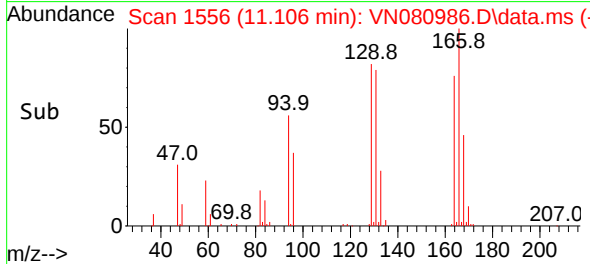
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



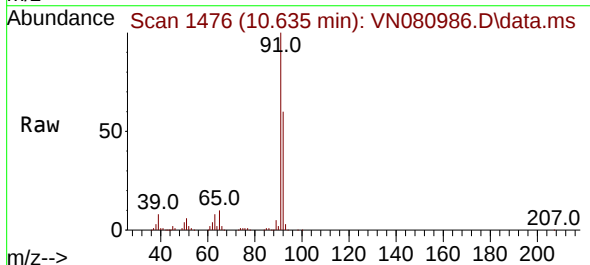
Tgt Ion:164 Resp: 84208
Ion Ratio Lower Upper
164 100
166 131.1 106.7 160.1
129 107.3 85.8 128.6
131 103.7 79.1 118.7

Manual Integrations
APPROVED

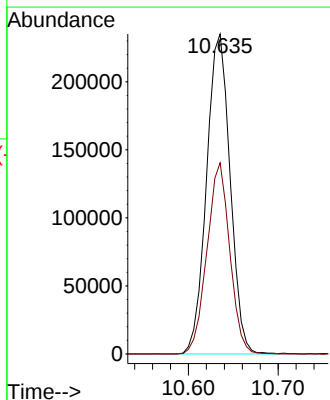
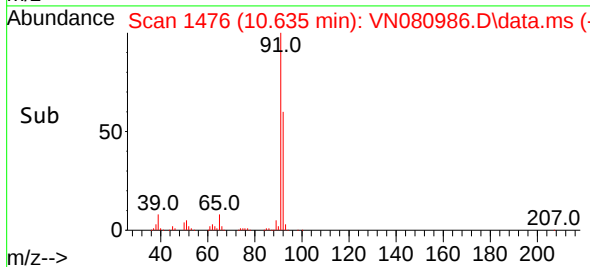
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

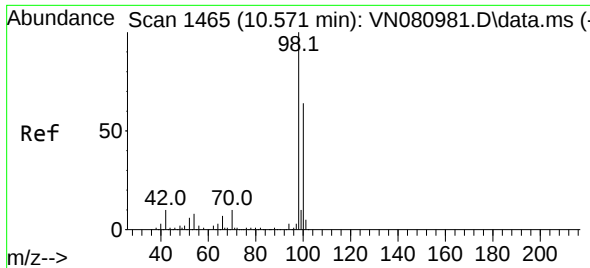


#62
Toluene
Concen: 20.200 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



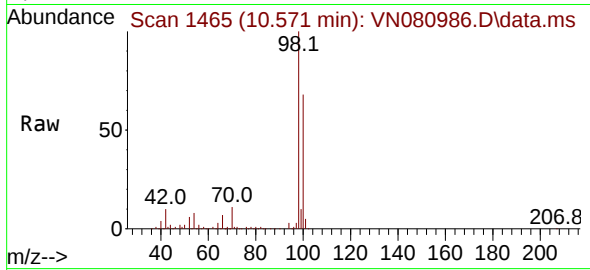
Tgt Ion: 91 Resp: 429396
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

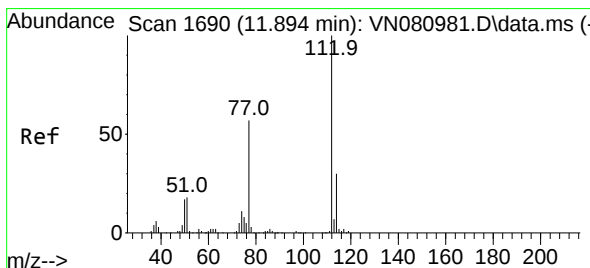
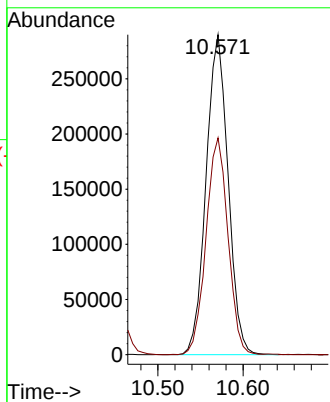
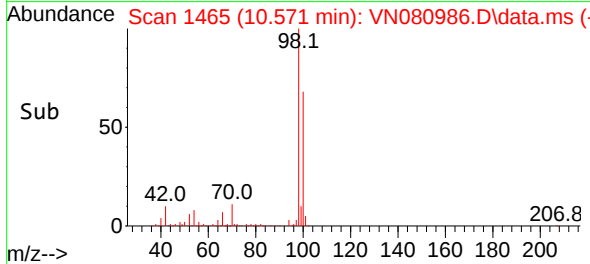
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 98 Resp: 52082
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

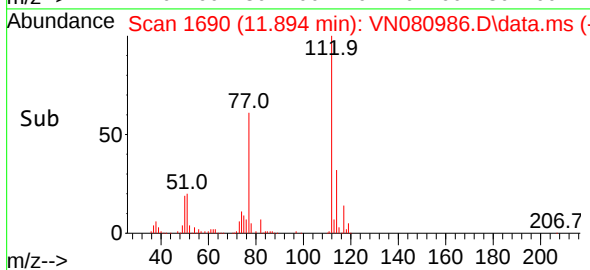
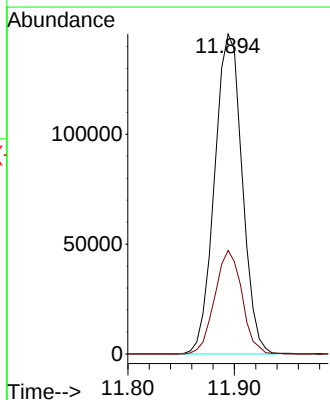
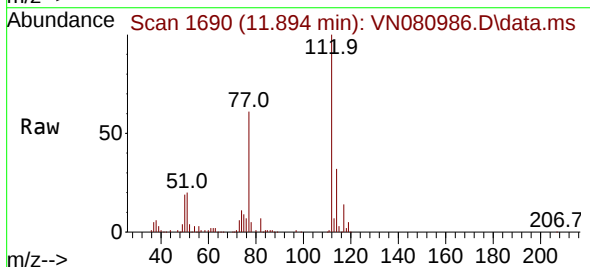
Manual Integrations
APPROVED

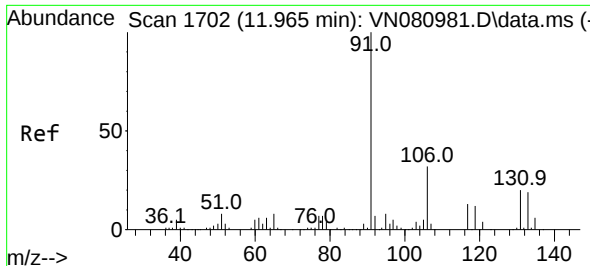
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 20.160 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion:112 Resp: 262465
Ion Ratio Lower Upper
112 100
114 32.3 26.6 39.8





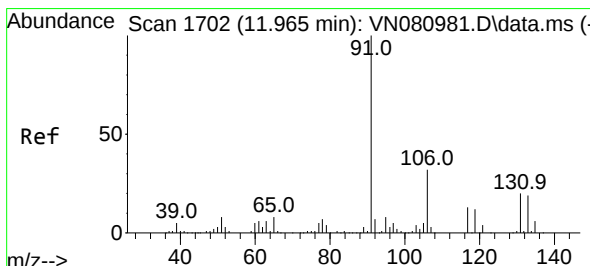
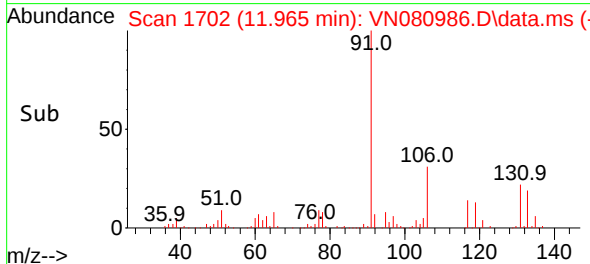
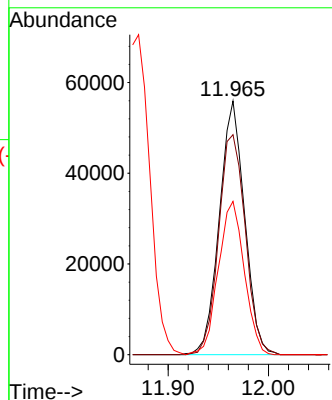
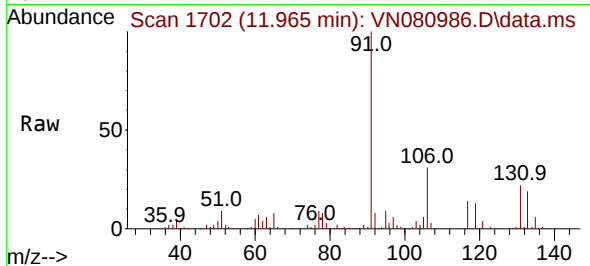
#65
1,1,1,2-Tetrachloroethane
Concen: 20.244 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion:131 Resp: 97764
Ion Ratio Lower Upper
131 100
133 91.6 0.0 188.0
119 62.0 0.0 122.8

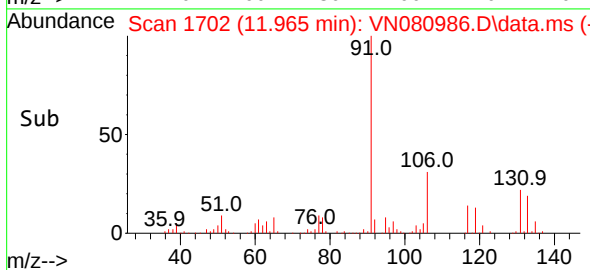
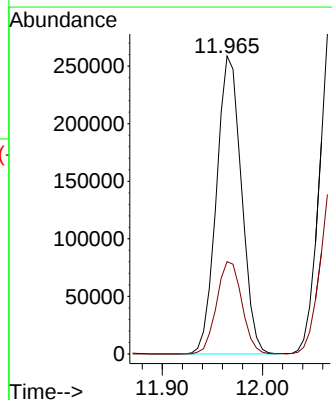
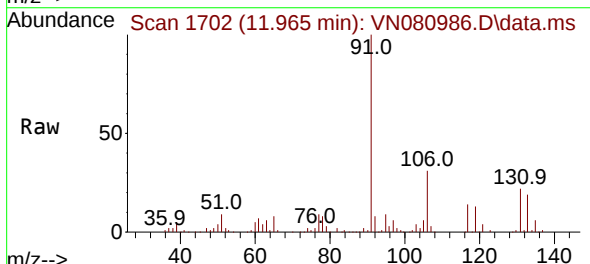
Manual Integrations
APPROVED

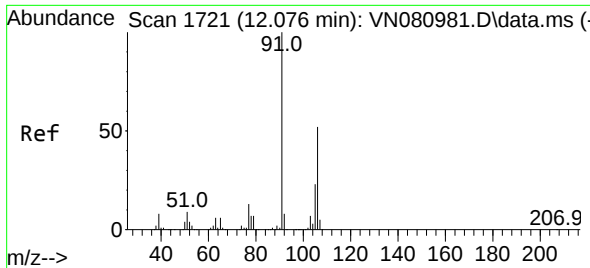
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
Ethyl Benzene
Concen: 19.990 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

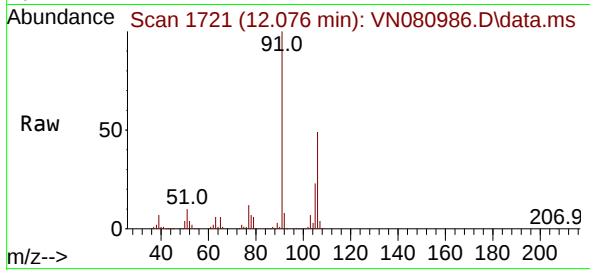
Tgt Ion: 91 Resp: 446796
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





#67
m/p-Xylenes
Concen: 39.108 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

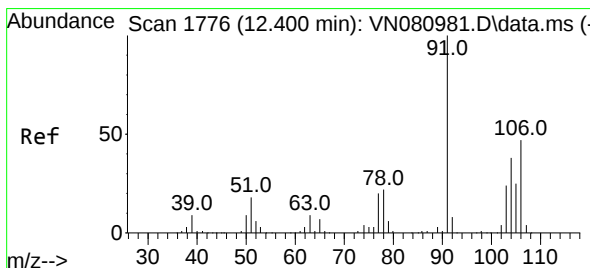
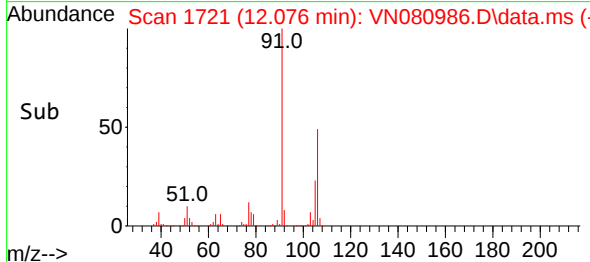
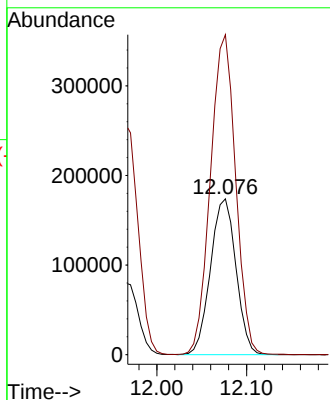
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion:106 Resp: 343269
Ion Ratio Lower Upper
106 100
91 202.8 166.6 249.8

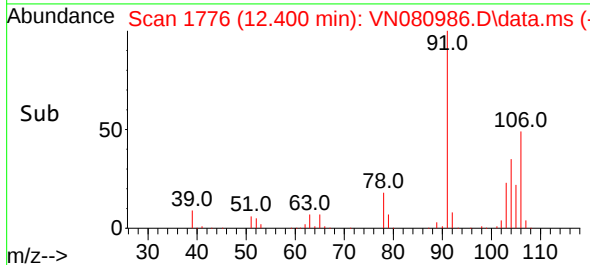
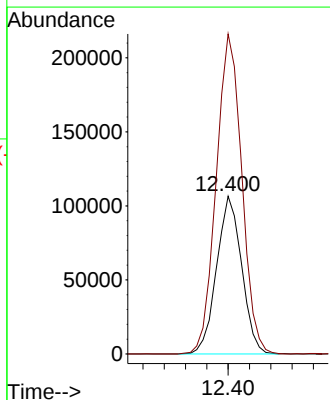
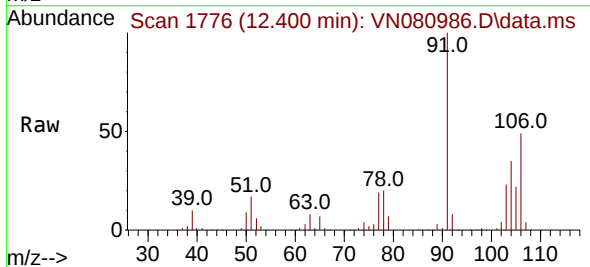
Manual Integrations
APPROVED

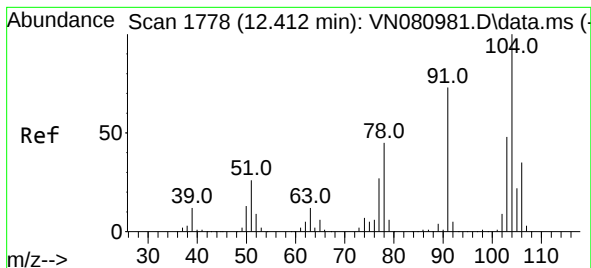
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 20.193 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion:106 Resp: 173697
Ion Ratio Lower Upper
106 100
91 207.4 110.0 330.0





#69

Styrene

Concen: 19.889 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

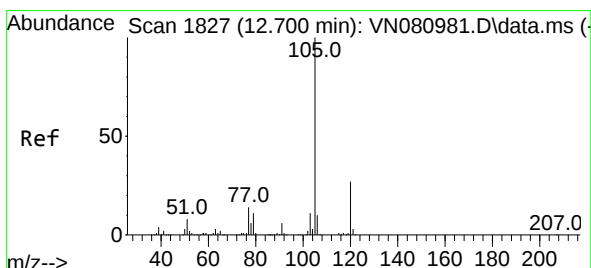
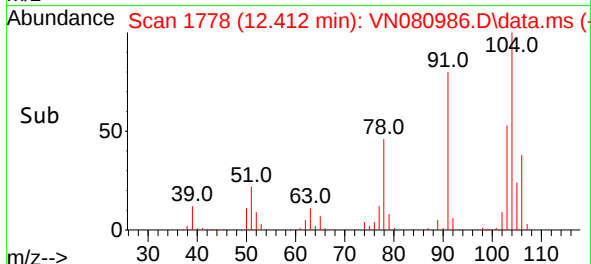
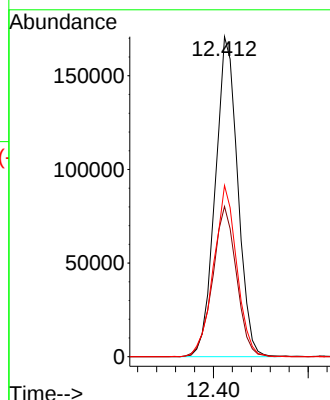
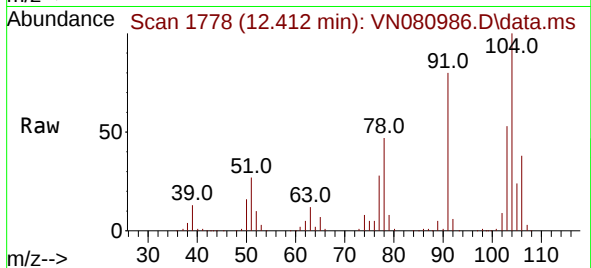
Tgt Ion:104 Resp: 28165
 Ion Ratio Lower Upper
 104 100
 78 49.5 42.6 64.0
 103 54.9 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#70

Isopropylbenzene

Concen: 19.711 ug/l

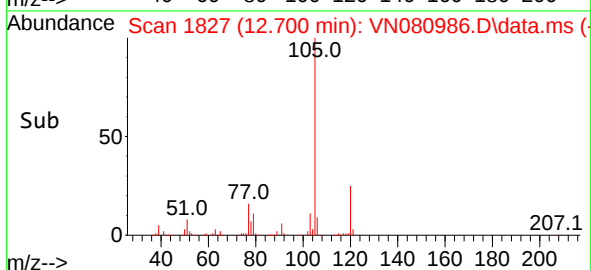
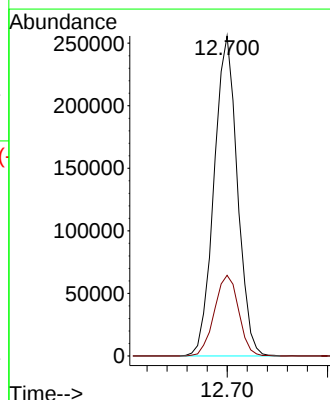
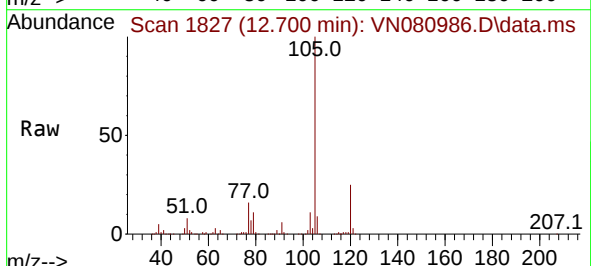
RT: 12.700 min Scan# 1827

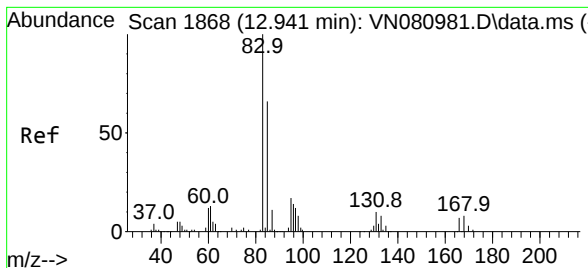
Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

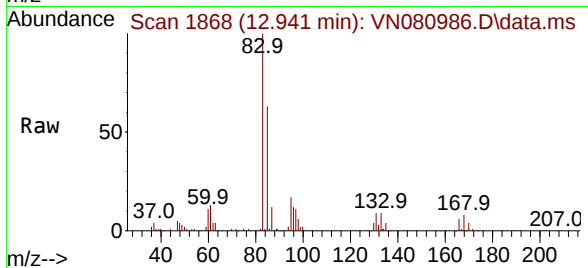
Tgt Ion:105 Resp: 413207
 Ion Ratio Lower Upper
 105 100
 120 26.1 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.864 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

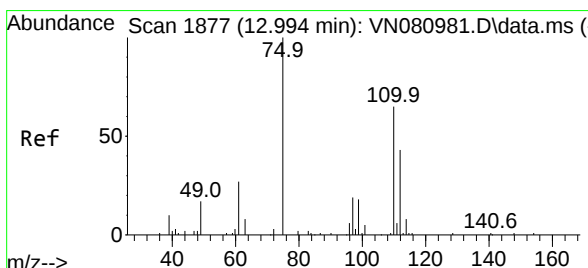
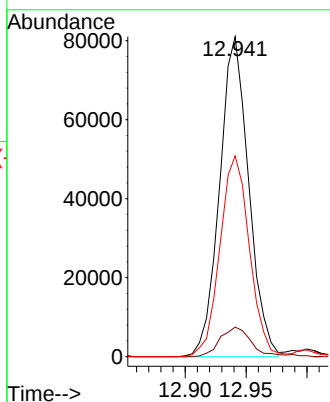
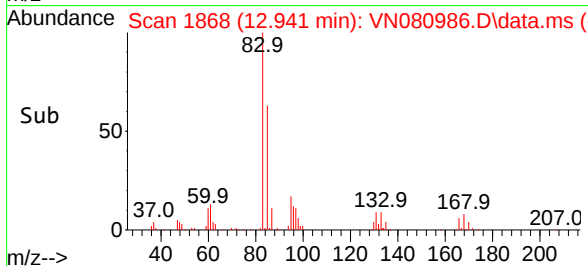
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 83 Resp: 134864
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 63.6 32.3 96.8

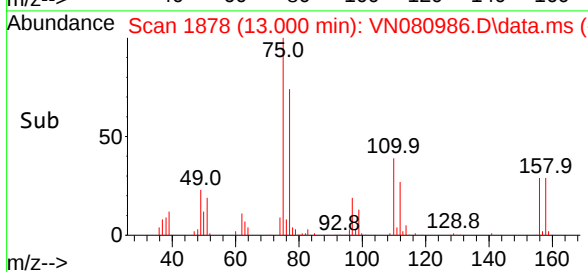
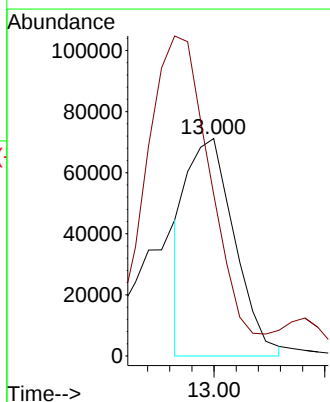
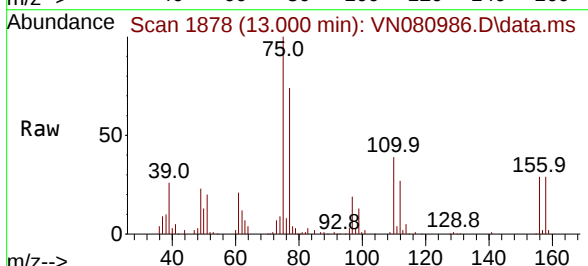
Manual Integrations
APPROVED

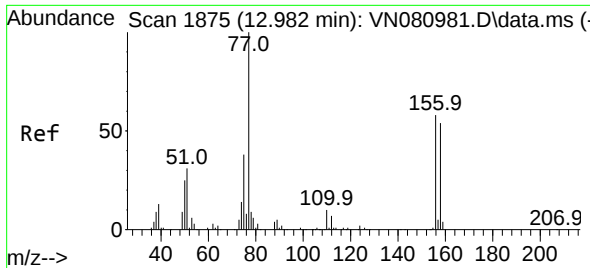
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,2,3-Trichloropropane
Concen: 21.195 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 75 Resp: 107251
Ion Ratio Lower Upper
75 100
77 203.5 0.0 367.6





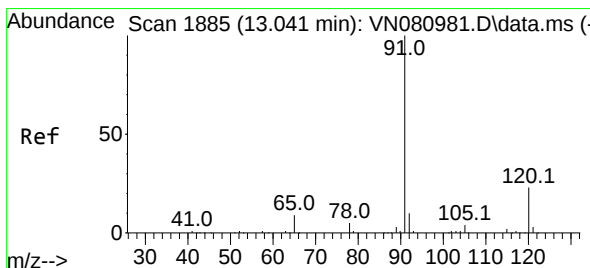
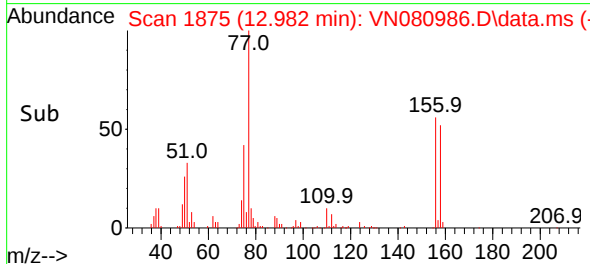
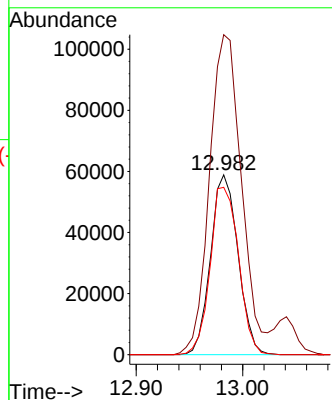
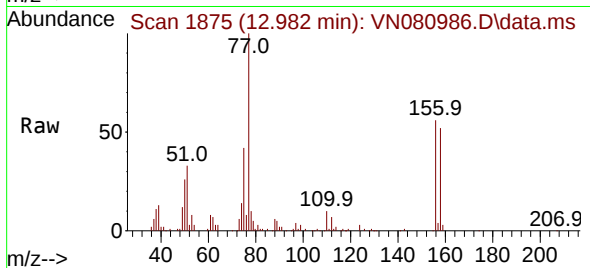
#73
Bromobenzene
Concen: 20.208 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion:156 Resp: 10534
Ion Ratio Lower Upper
156 100
77 207.1 0.0 437.6
158 96.5 0.0 203.8

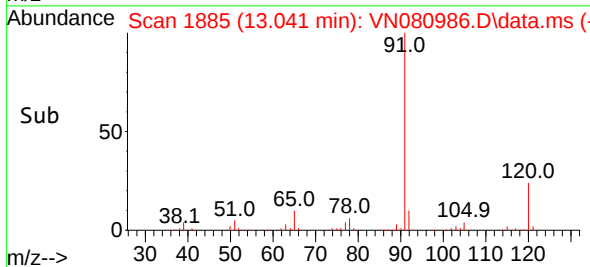
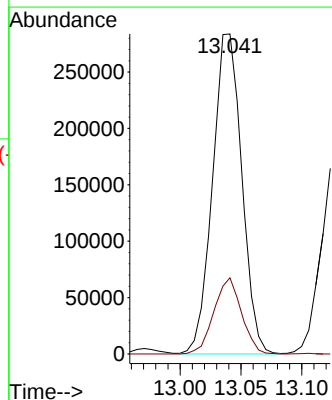
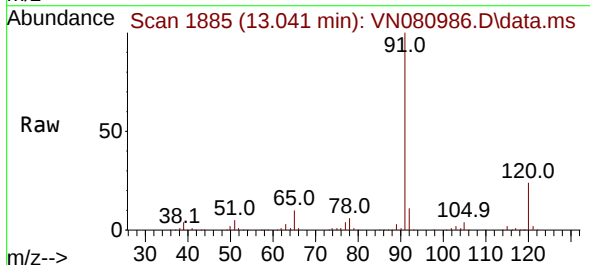
Manual Integrations
APPROVED

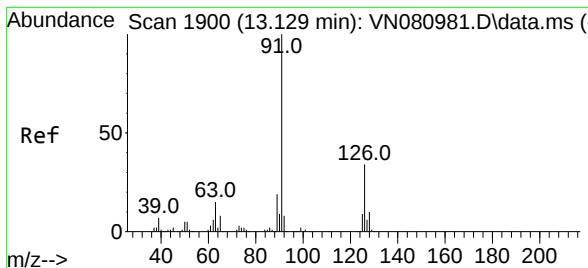
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#74
n-propylbenzene
Concen: 19.908 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 91 Resp: 474287
Ion Ratio Lower Upper
91 100
120 22.3 0.0 43.8





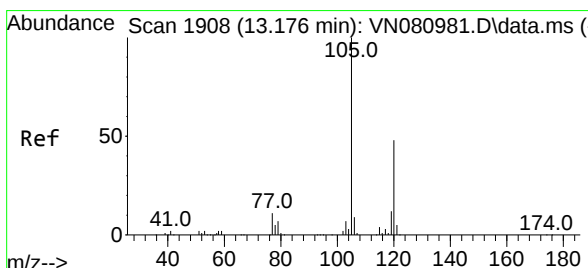
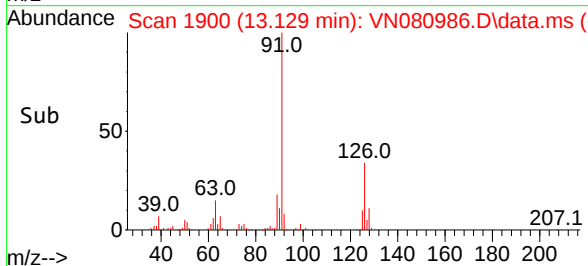
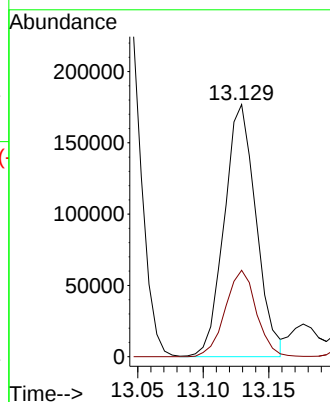
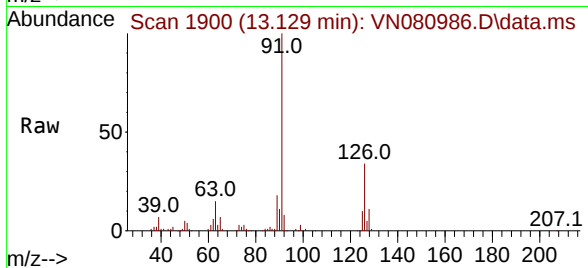
#75
2-Chlorotoluene
Concen: 20.215 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01

Tgt Ion: 91 Resp: 298974
Ion Ratio Lower Upper
91 100
126 33.5 0.0 61.2

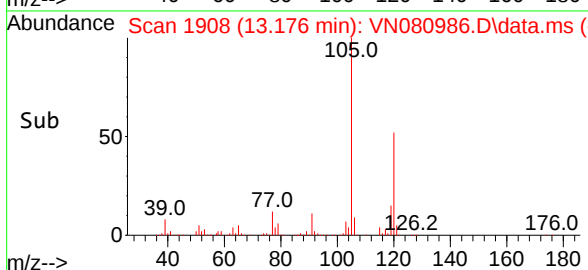
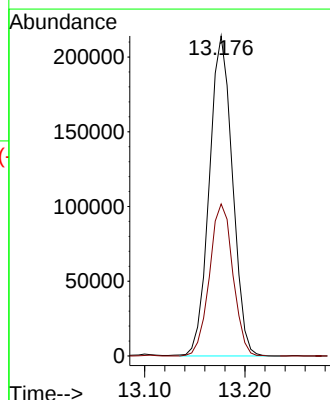
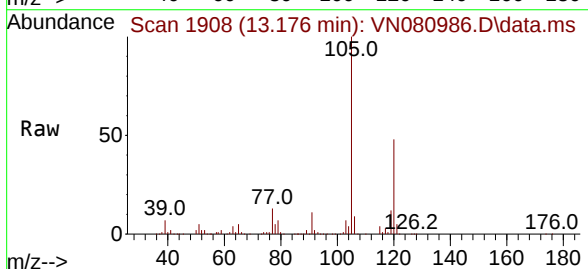
Manual Integrations
APPROVED

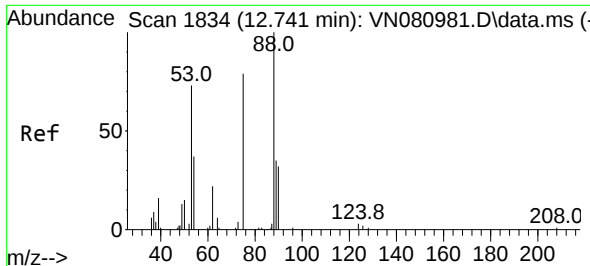
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.004 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

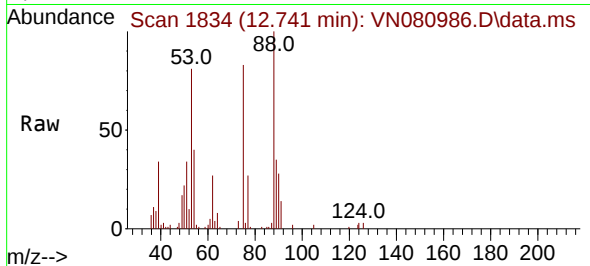
Tgt Ion:105 Resp: 343113
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.931 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

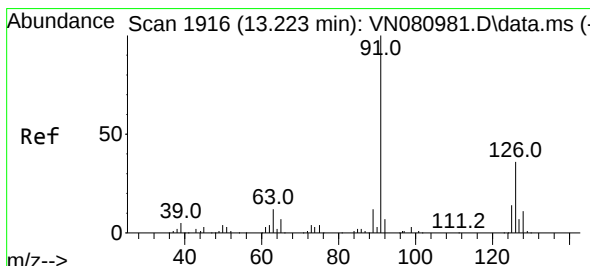
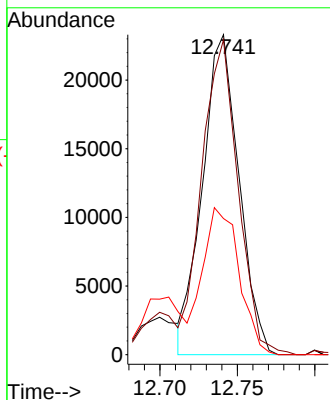
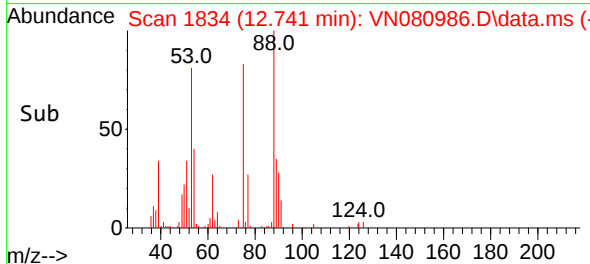
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



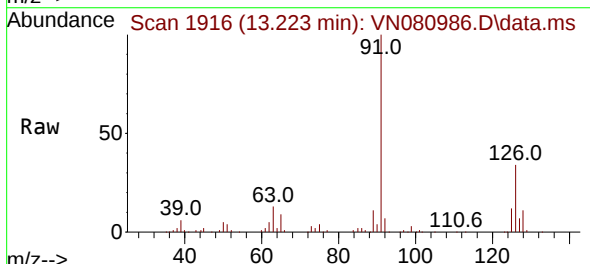
Tgt Ion: 75 Resp: 3816
Ion Ratio Lower Upper
75 100
53 97.0 45.9 137.7
89 42.6 25.9 77.7

Manual Integrations
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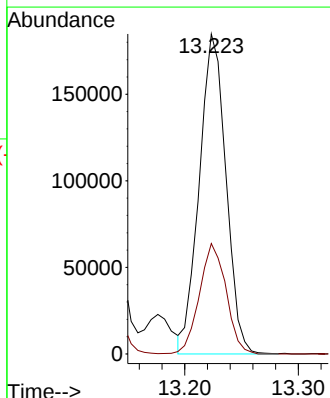
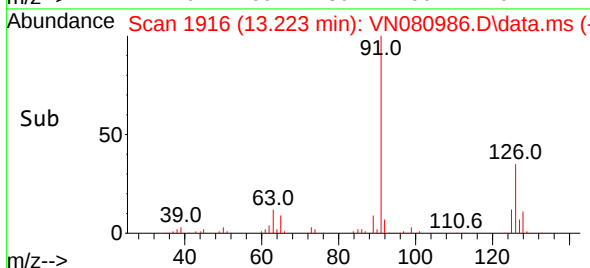
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

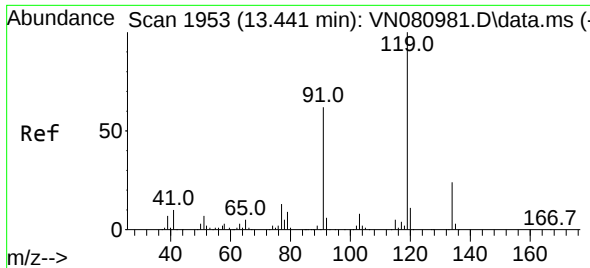


#78
4-Chlorotoluene
Concen: 20.345 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



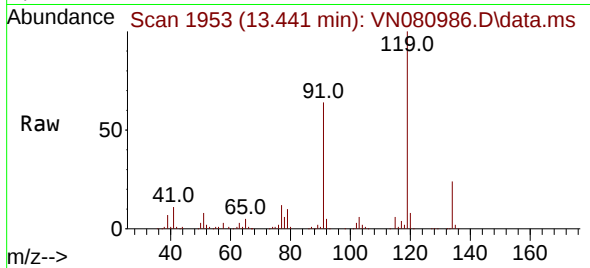
Tgt Ion: 91 Resp: 301364
Ion Ratio Lower Upper
91 100
126 34.5 0.0 62.8





#79
tert-butylbenzene
Concen: 20.051 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

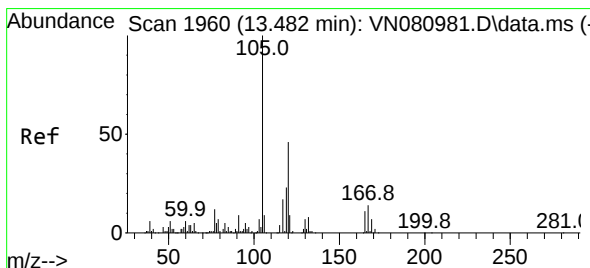
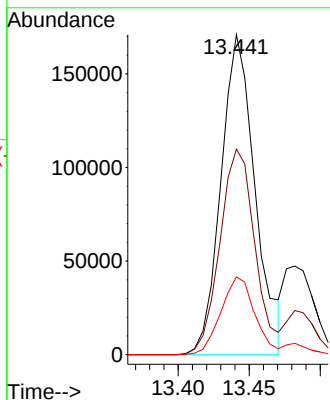
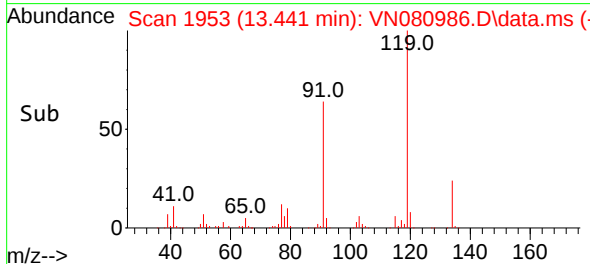
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



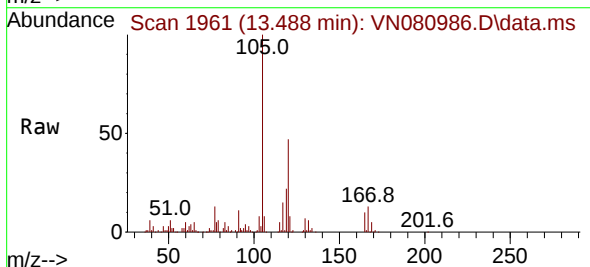
Tgt Ion:119 Resp: 285498
Ion Ratio Lower Upper
119 100
91 66.0 0.0 138.8
134 24.1 0.0 48.6

Manual Integrations
APPROVED

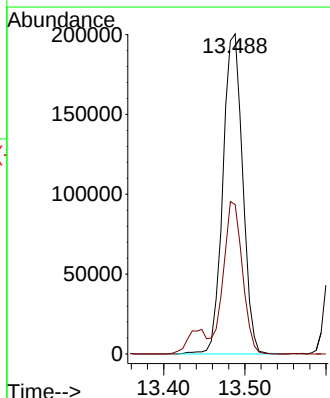
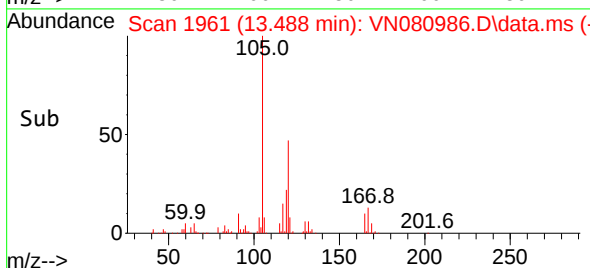
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

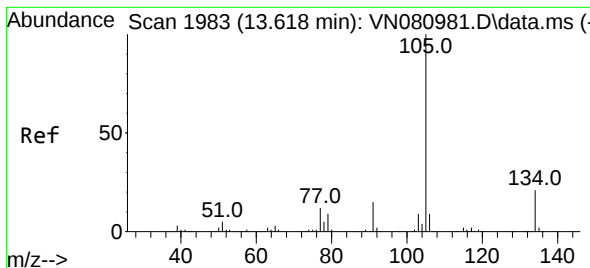


#80
1,2,4-Trimethylbenzene
Concen: 19.825 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



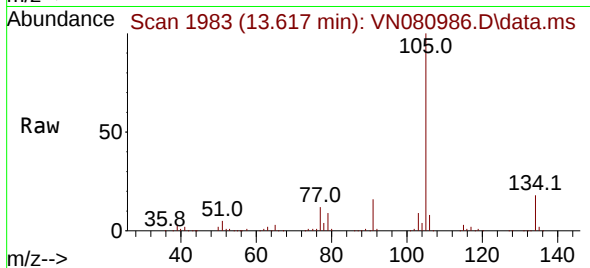
Tgt Ion:105 Resp: 338806
Ion Ratio Lower Upper
105 100
120 46.6 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.511 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38

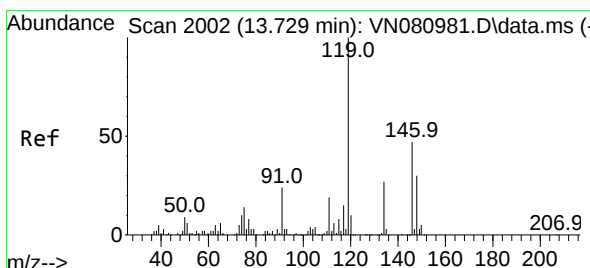
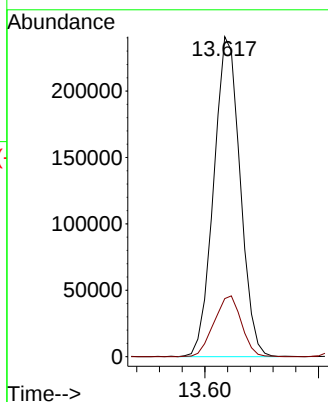
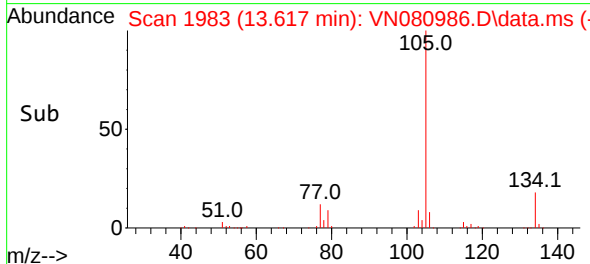
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01



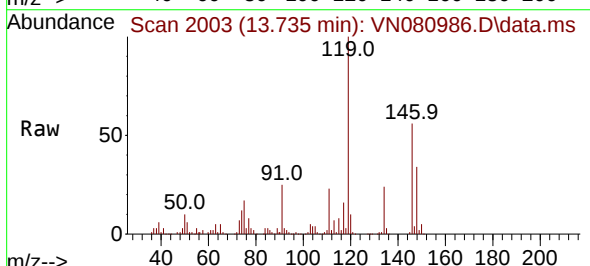
Tgt Ion:105 Resp: 389038
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.0

Manual Integrations
 APPROVED

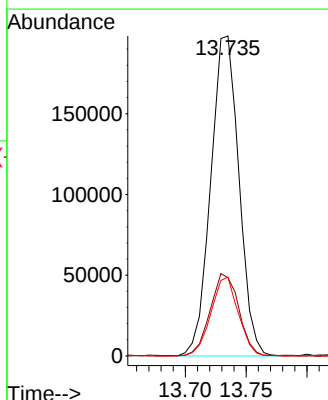
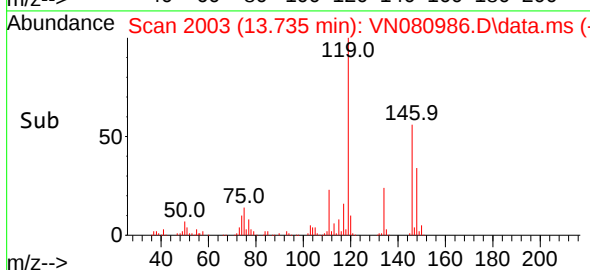
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

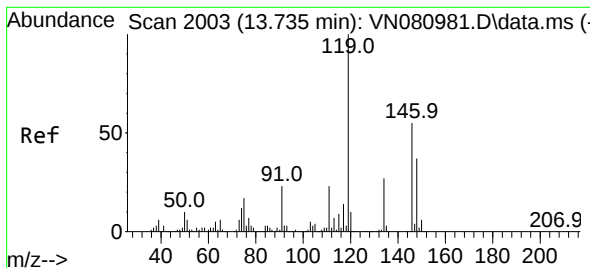


#82
 p-Isopropyltoluene
 Concen: 19.099 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080986.D
 Acq: 09 Feb 2024 13:38



Tgt Ion:119 Resp: 319696
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 49.2
 91 24.0 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.882 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

Tgt Ion:146 Resp: 186410

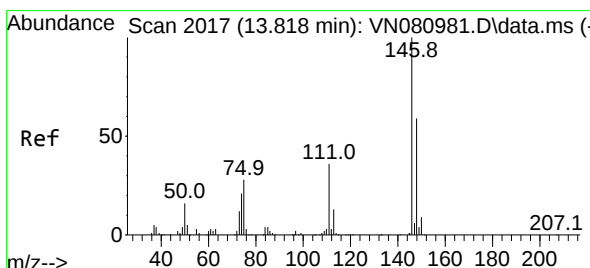
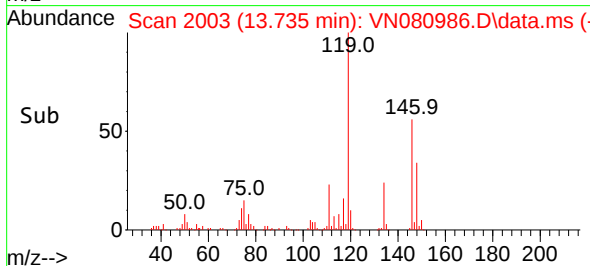
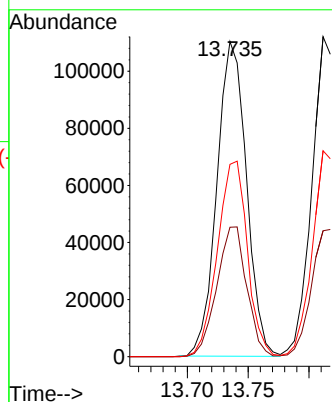
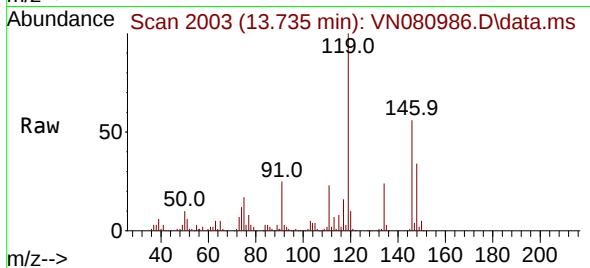
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.4	67.0
148	63.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#84

1,4-Dichlorobenzene

Concen: 19.902 ug/l

RT: 13.812 min Scan# 2016

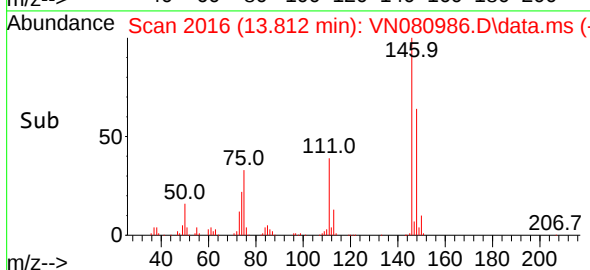
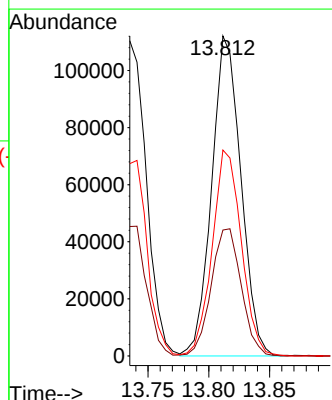
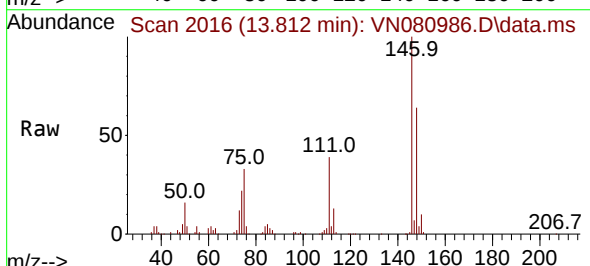
Delta R.T. -0.006 min

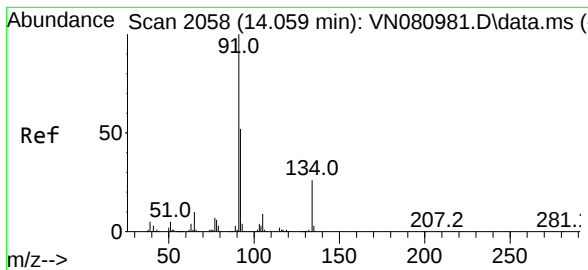
Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Tgt Ion:146 Resp: 187305

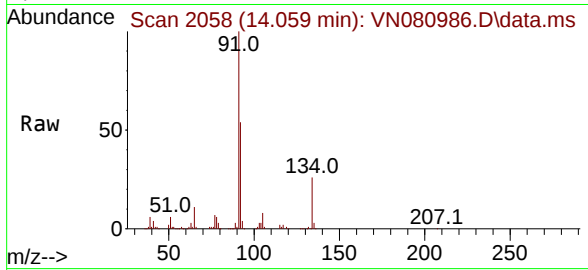
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	64.3	31.9	95.5





#85
n-Butylbenzene
Concen: 19.203 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

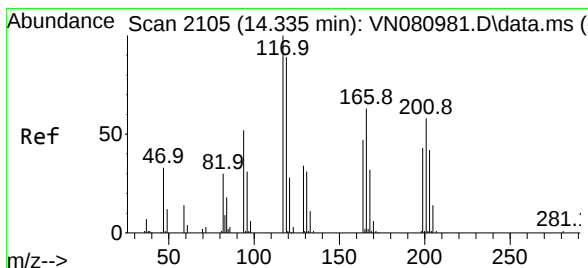
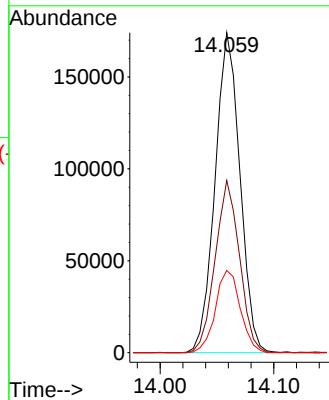
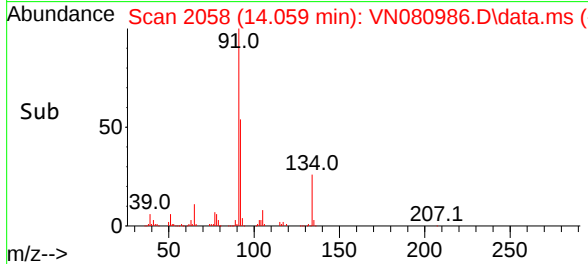
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion: 91 Resp: 265220
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 25.7 0.0 51.8

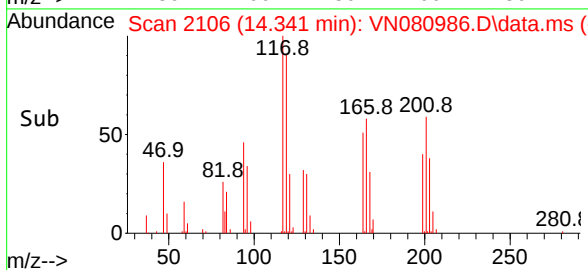
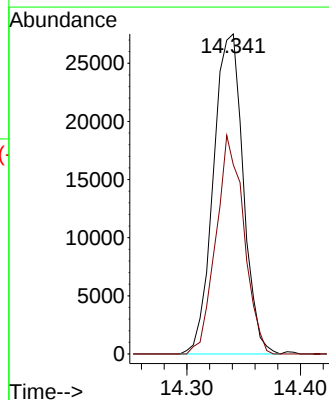
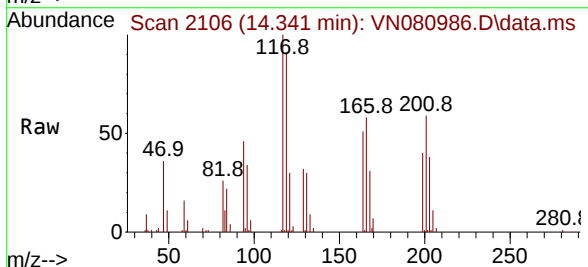
Manual Integrations
APPROVED

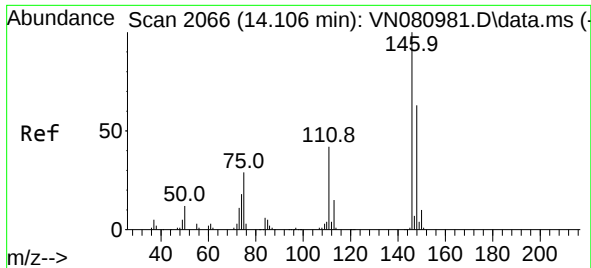
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 19.019 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

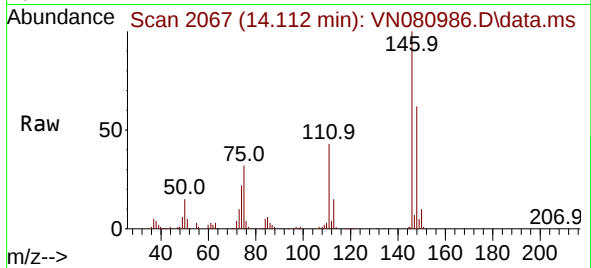
Tgt Ion:117 Resp: 50216
Ion Ratio Lower Upper
117 100
201 63.9 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.178 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

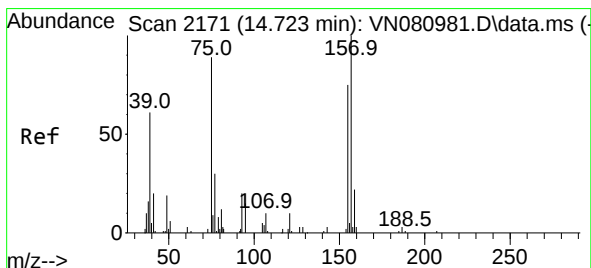
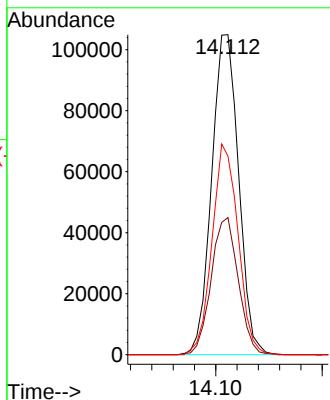
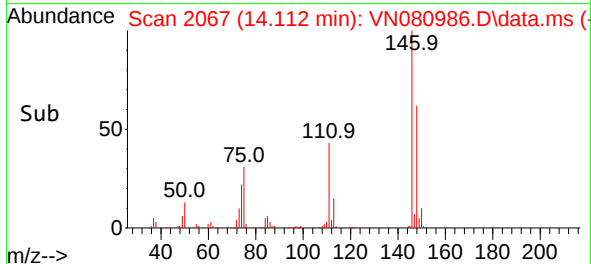
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



Tgt Ion:146 Resp: 18419
Ion Ratio Lower Upper
146 100
111 43.1 22.6 67.8
148 63.6 31.3 93.8

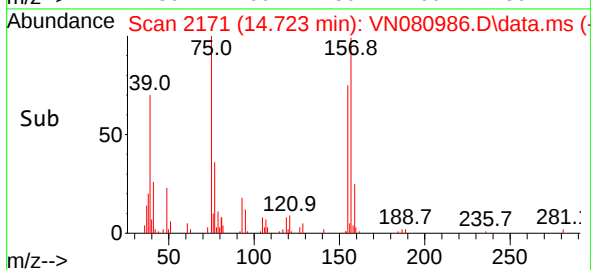
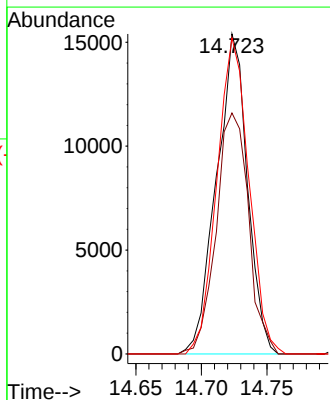
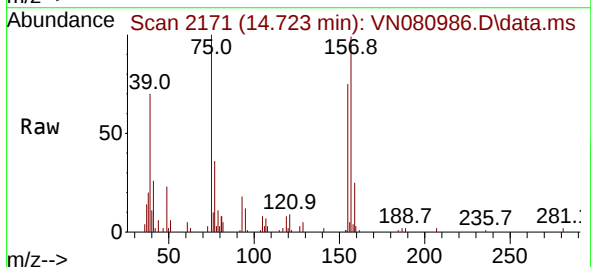
Manual Integrations
APPROVED

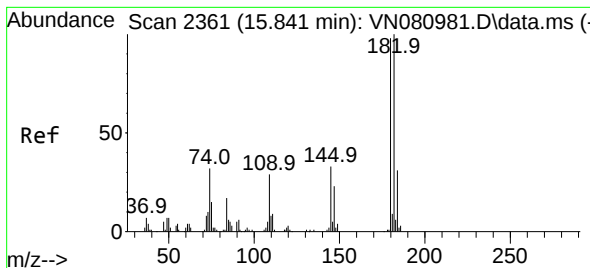
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.608 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

Tgt Ion: 75 Resp: 25211
Ion Ratio Lower Upper
75 100
155 79.0 61.7 92.5
157 102.0 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 20.216 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0209WBSD01

Tgt Ion:180 Resp: 90280

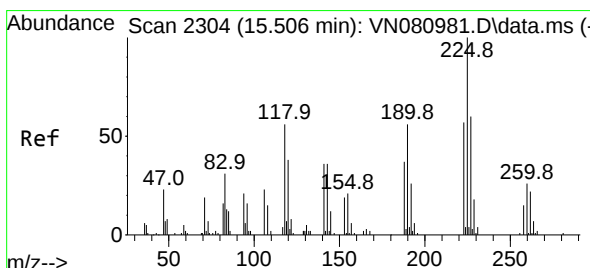
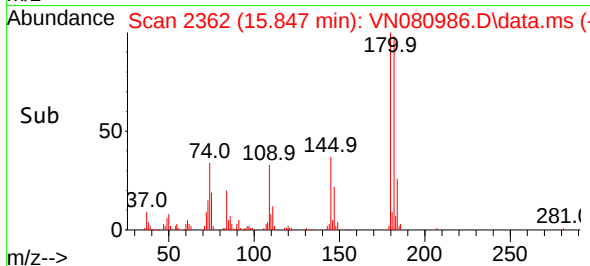
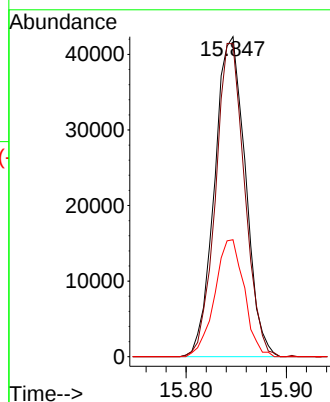
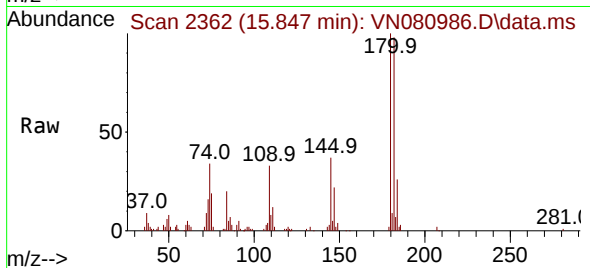
Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.4	114.6
145	35.0	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#90

Hexachlorobutadiene

Concen: 19.221 ug/l

RT: 15.506 min Scan# 2304

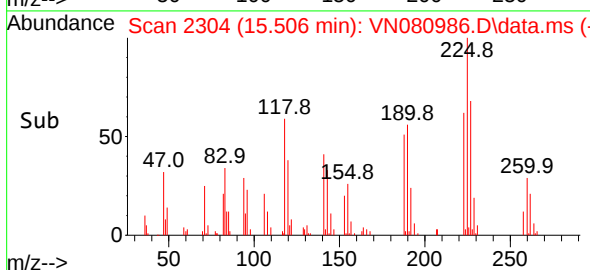
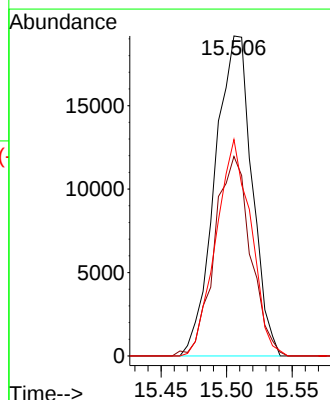
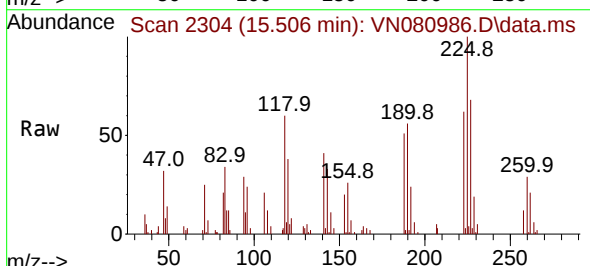
Delta R.T. -0.000 min

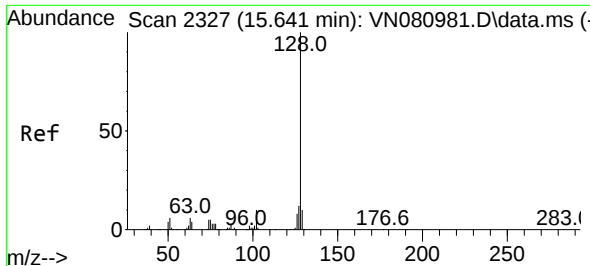
Lab File: VN080986.D

Acq: 09 Feb 2024 13:38

Tgt Ion:225 Resp: 37659

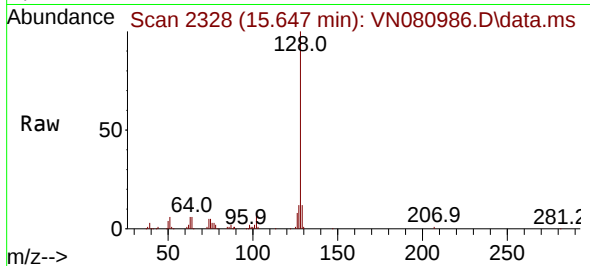
Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	126.6
227	63.8	0.0	126.6





#91
Naphthalene
Concen: 20.348 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38

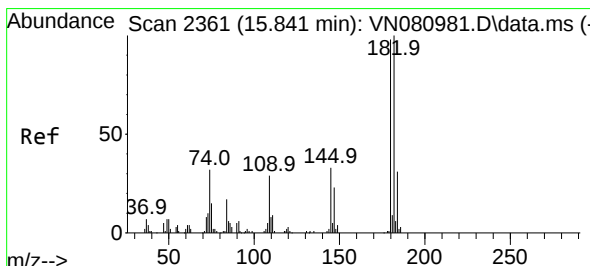
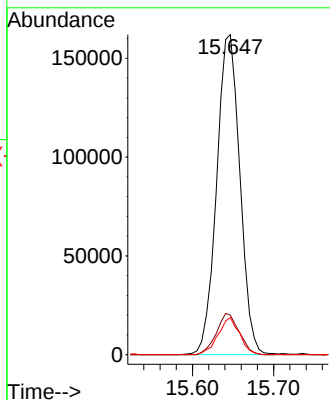
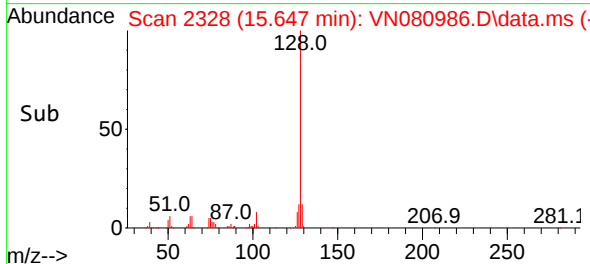
Instrument :
MSVOA_N
ClientSampleId :
VN0209WBSD01



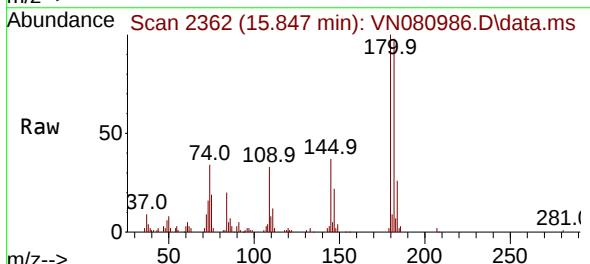
Tgt Ion:128 Resp: 32264
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.216 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080986.D
Acq: 09 Feb 2024 13:38



Tgt Ion:180 Resp: 90280
Ion Ratio Lower Upper
180 100
182 92.4 0.0 191.0
145 35.0 0.0 71.0

