

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080831.D
 Acq On : 31 Jan 2024 11:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Quant Time: Jan 31 23:12:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	120908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	218374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99548	47.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.171	113	71725	45.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	10.571	98	275632	44.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.680%		
62) 4-Bromofluorobenzene	12.847	95	95529	44.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77740	43.288	ug/l	92
3) Chloromethane	2.359	50	124599	46.156	ug/l	98
4) Vinyl Chloride	2.512	62	94484	46.038	ug/l	96
5) Bromomethane	2.954	94	38461	46.853	ug/l	97
6) Chloroethane	3.118	64	54708	49.999	ug/l	95
7) Trichlorofluoromethane	3.495	101	120950	45.536	ug/l #	79
8) Diethyl Ether	3.953	74	62324	50.864	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	68972	44.530	ug/l	98
10) Methyl Iodide	4.589	142	59303	45.356	ug/l	94
11) Tert butyl alcohol	5.512	59	77722	227.946	ug/l	98
12) 1,1-Dichloroethene	4.342	96	73787	43.477	ug/l	88
13) Acrolein	4.177	56	108643	252.672	ug/l	95
14) Allyl chloride	5.018	41	156573	46.675	ug/l	98
15) Acrylonitrile	5.712	53	257571	251.177	ug/l	99
16) Acetone	4.418	43	180962	238.549	ug/l	97
17) Carbon Disulfide	4.712	76	227313	43.023	ug/l	100
18) Methyl Acetate	5.024	43	136746	51.723	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	298210	49.868	ug/l	100
20) Methylene Chloride	5.277	84	95283	47.849	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	85230	46.225	ug/l	93
22) Diisopropyl ether	6.665	45	371870	50.242	ug/l	97
23) Vinyl Acetate	6.600	43	1440980	269.067	ug/l	99
24) 1,1-Dichloroethane	6.565	63	183862	48.981	ug/l	98
25) 2-Butanone	7.483	43	346028	240.149	ug/l	95
26) 2,2-Dichloropropane	7.489	77	142271	46.893	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	100025	46.864	ug/l	96
28) Bromochloromethane	7.818	49	101664	51.155	ug/l #	98
29) Tetrahydrofuran	7.836	42	239065	245.198	ug/l	99
30) Chloroform	7.971	83	170492	48.889	ug/l	97
31) Cyclohexane	8.253	56	150488	41.957	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	136655	48.323	ug/l	96
36) 1,1-Dichloropropene	8.371	75	128774	44.117	ug/l	98
37) Ethyl Acetate	7.559	43	147685	49.149	ug/l	95
38) Carbon Tetrachloride	8.359	117	103039	43.812	ug/l	95
39) Methylcyclohexane	9.600	83	125546	43.273	ug/l	93
40) Benzene	8.606	78	397920	46.383	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79368	44.815	ug/l	98
42) 1,2-Dichloroethane	8.671	62	142943	51.144	ug/l	97
43) Isopropyl Acetate	8.688	43	263844	48.229	ug/l	98
44) Trichloroethene	9.353	130	80040	42.358	ug/l	92
45) 1,2-Dichloropropane	9.624	63	109865	47.322	ug/l	100
46) Dibromomethane	9.712	93	64779	47.068	ug/l	97
47) Bromodichloromethane	9.888	83	137136	49.078	ug/l #	92
48) Methyl methacrylate	9.682	41	122236	46.089	ug/l	98
49) 1,4-Dioxane	9.694	88	29222	914.711	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	760064	248.530	ug/l	98
52) Toluene	10.629	92	227772	46.306	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	159761	49.080	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	170355	48.126	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	87605	46.342	ug/l	95
56) Ethyl methacrylate	10.877	69	156458	53.839	ug/l	98
57) 1,3-Dichloropropane	11.165	76	169896	47.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	424576	250.621	ug/l	99
59) 2-Hexanone	11.200	43	559428	235.494	ug/l	99
60) Dibromochloromethane	11.359	129	84891	48.279	ug/l	98
61) 1,2-Dibromoethane	11.471	107	84559	47.729	ug/l	97
64) Tetrachloroethene	11.106	164	65066	45.331	ug/l	92
65) Chlorobenzene	11.894	112	219602	46.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	73657	47.526	ug/l	94
67) Ethyl Benzene	11.965	91	416022	46.965	ug/l	96
68) m/p-Xylenes	12.071	106	304449	96.778	ug/l	100
69) o-Xylene	12.400	106	149310	47.766	ug/l	99
70) Styrene	12.412	104	254307	50.657	ug/l	99
71) Bromoform	12.582	173	51630	49.269	ug/l #	100
73) Isopropylbenzene	12.694	105	361730	46.244	ug/l	100
74) N-amyl acetate	12.494	43	235113	48.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	124755	45.340	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	116489m	45.217	ug/l	
77) Bromobenzene	12.982	156	74965	44.833	ug/l	97
78) n-propylbenzene	13.041	91	446206	47.749	ug/l	100
79) 2-Chlorotoluene	13.129	91	270021	45.462	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	295706	47.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47683	47.682	ug/l	91
82) 4-Chlorotoluene	13.223	91	269802	45.876	ug/l	97
83) tert-Butylbenzene	13.441	119	232203	46.676	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	299997	47.530	ug/l	99
85) sec-Butylbenzene	13.618	105	341648	46.582	ug/l	96
86) p-Isopropyltoluene	13.729	119	264932	46.483	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	133576	44.662	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	136538	45.535	ug/l	99
89) n-Butylbenzene	14.059	91	268877	48.207	ug/l	99
90) Hexachloroethane	14.335	117	46965	47.092	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	133016	48.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23549	45.788	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	66392	47.122	ug/l	98
94) Hexachlorobutadiene	15.500	225	26284	42.701	ug/l	96
95) Naphthalene	15.647	128	246617	45.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	62412	45.067	ug/l	99

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QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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

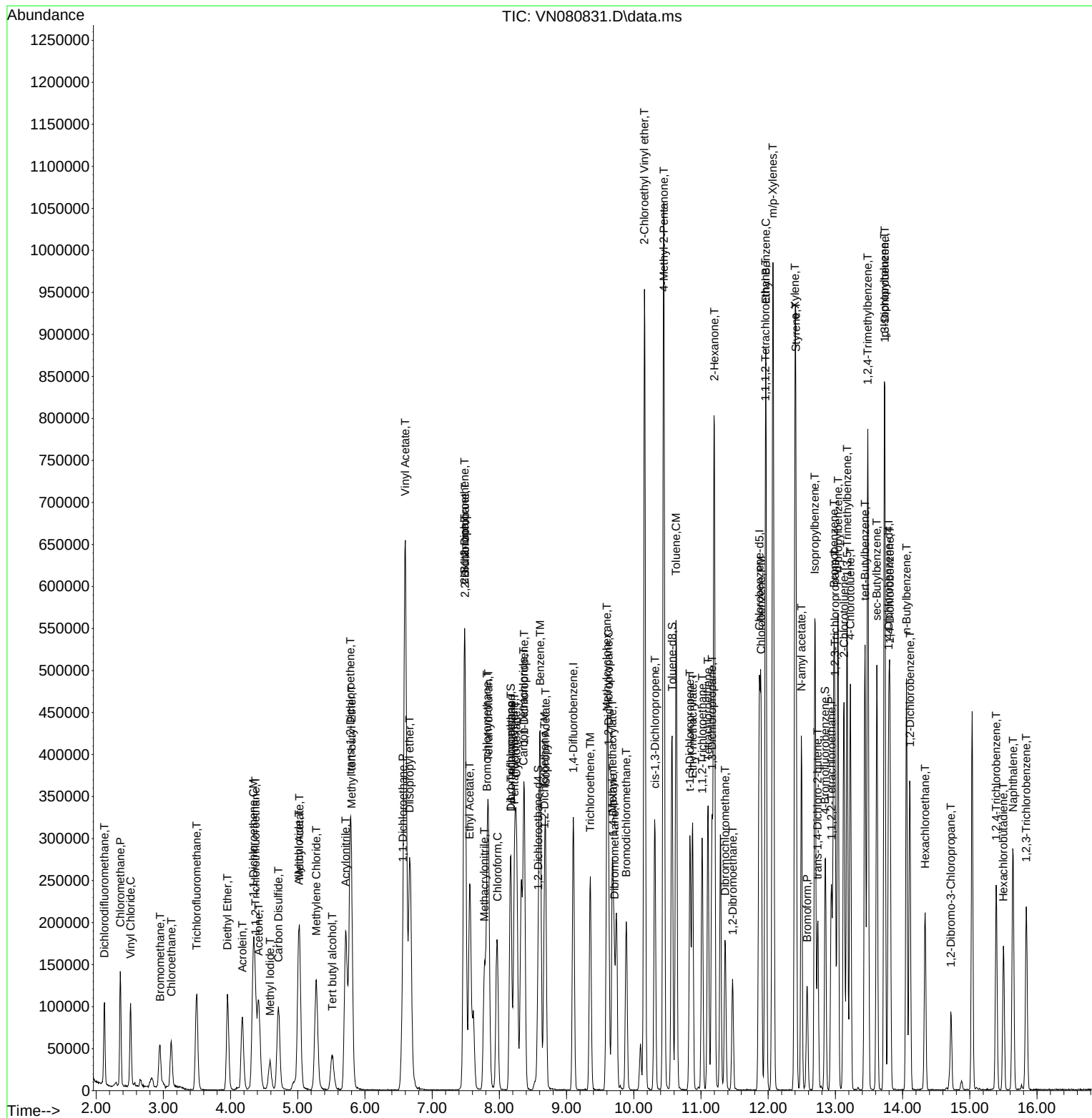
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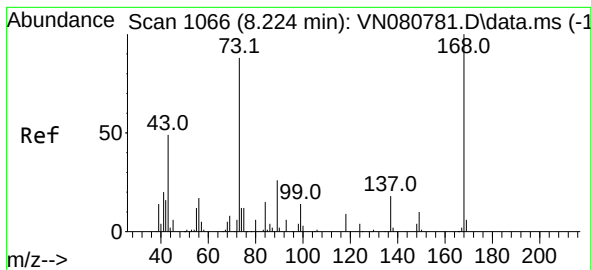
Instrument :
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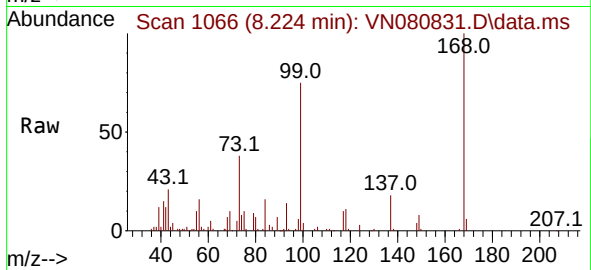
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080831.D
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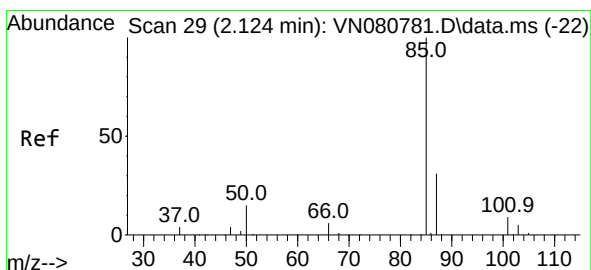
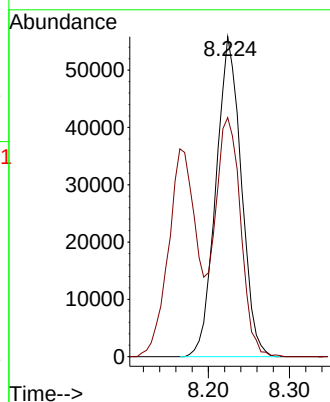
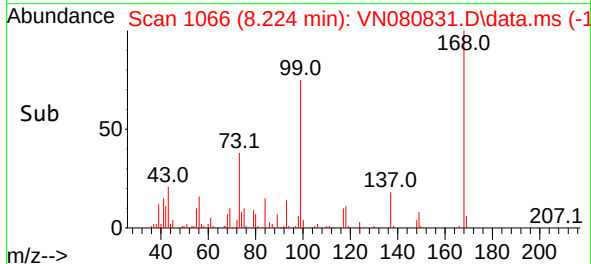
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 120908
Ion Ratio Lower Upper
168 100
99 74.4 59.9 89.9

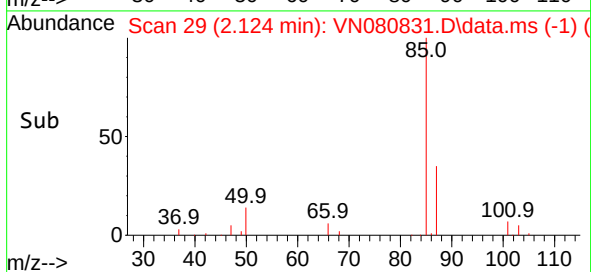
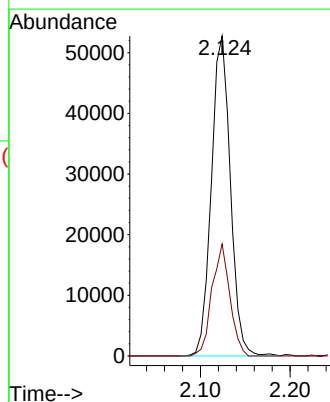
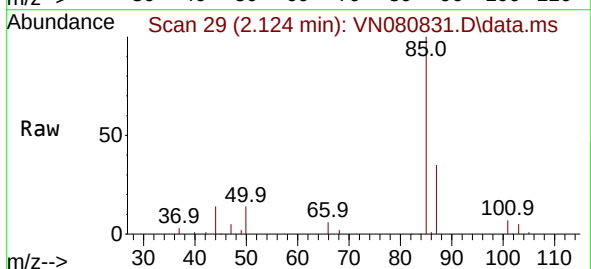
Manual Integrations
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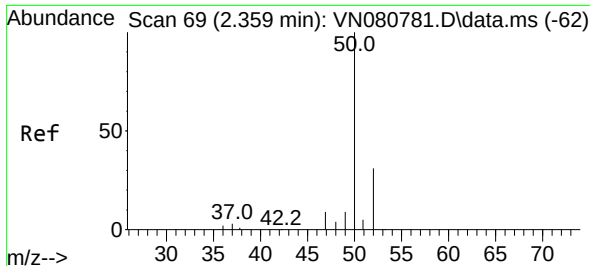
Reviewed By :John Carlone 02/01/2024
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#2
Dichlorodifluoromethane
Concen: 43.288 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 85 Resp: 77740
Ion Ratio Lower Upper
85 100
87 35.0 15.3 45.9





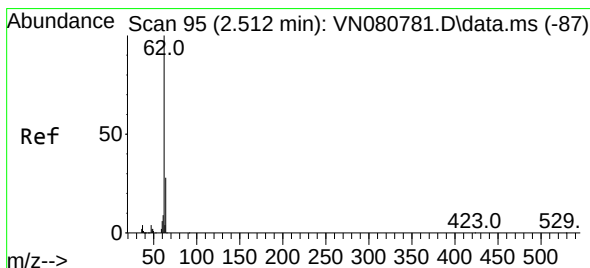
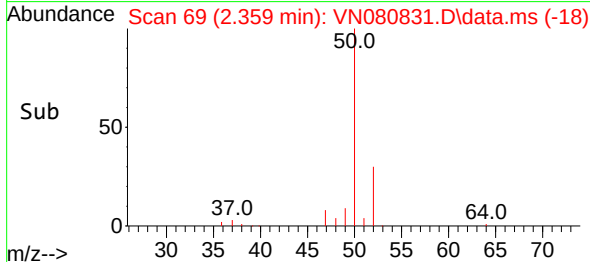
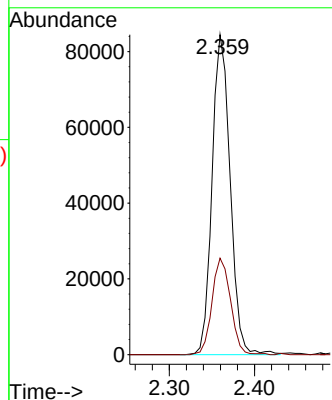
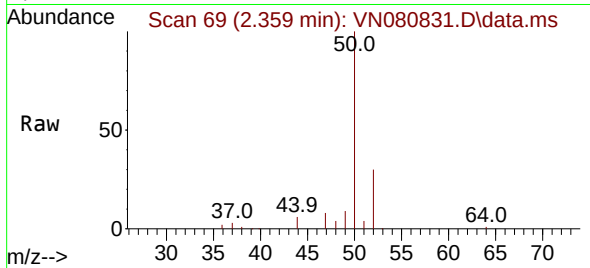
#3
Chloromethane
Concen: 46.156 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 124599
Ion Ratio Lower Upper
50 100
52 30.2 25.0 37.4

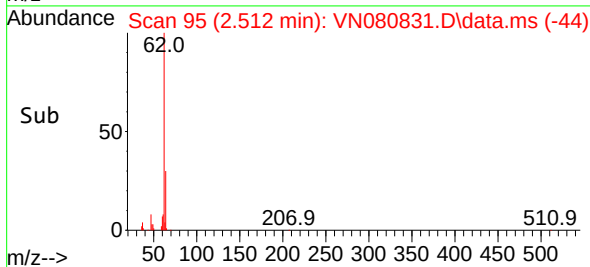
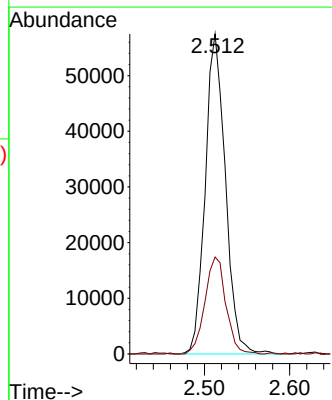
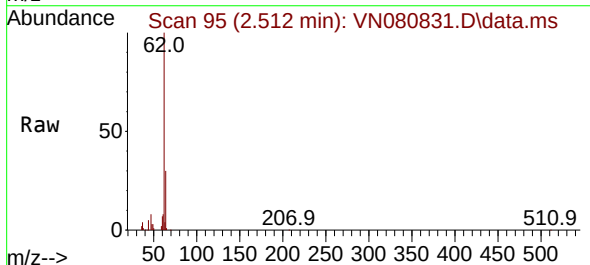
Manual Integrations
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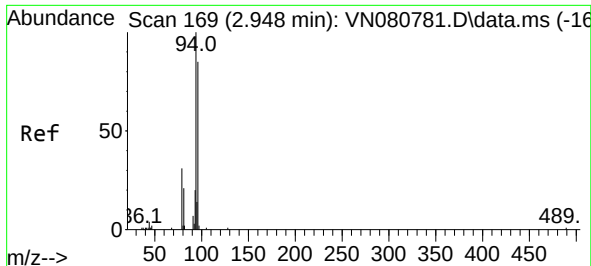
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#4
Vinyl Chloride
Concen: 46.038 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

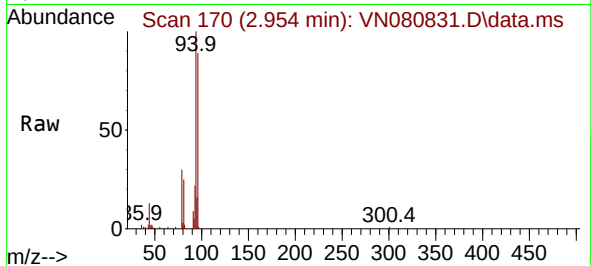
Tgt Ion: 62 Resp: 94484
Ion Ratio Lower Upper
62 100
64 30.3 22.7 34.1





#5
Bromomethane
Concen: 46.853 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

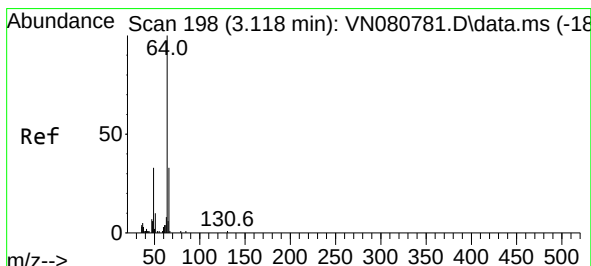
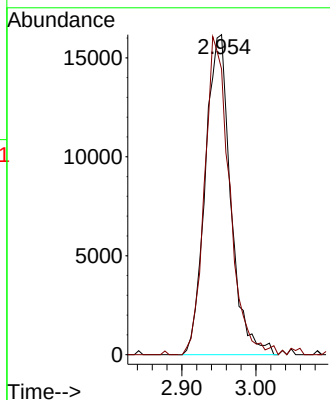
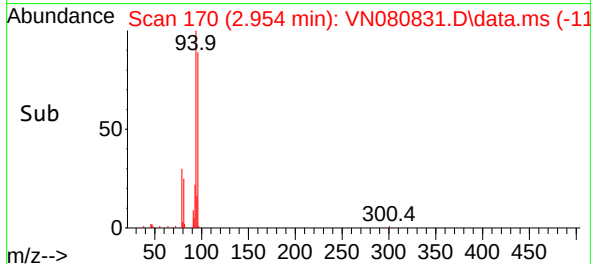
Instrument :
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Tgt Ion: 94 Resp: 3846
Ion Ratio Lower Upper
94 100
96 89.3 69.2 103.8

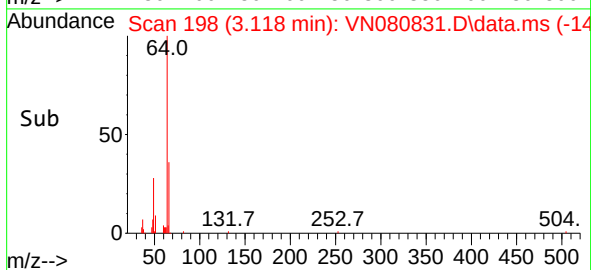
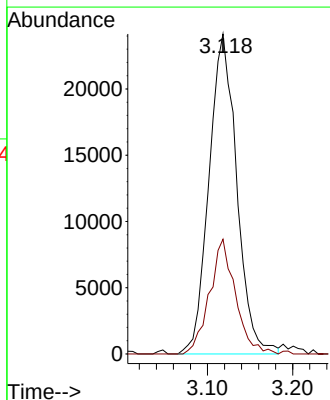
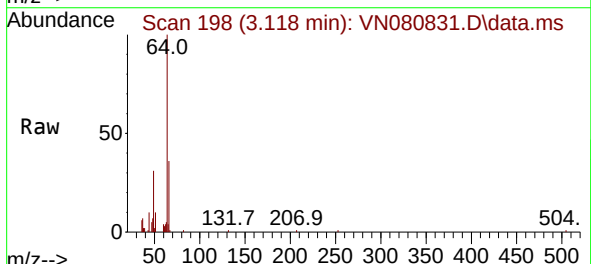
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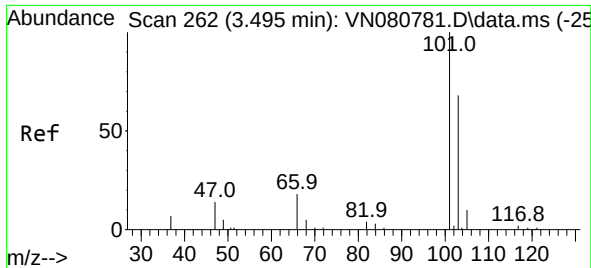
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#6
Chloroethane
Concen: 49.999 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 64 Resp: 54708
Ion Ratio Lower Upper
64 100
66 35.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 45.536 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

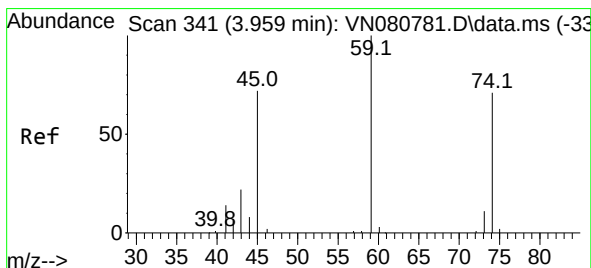
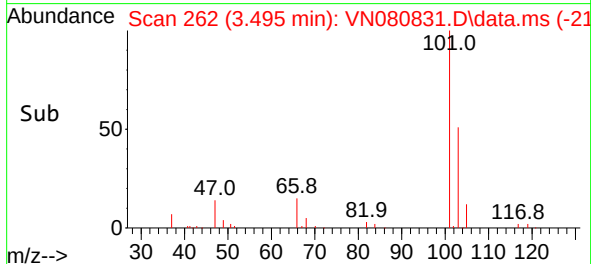
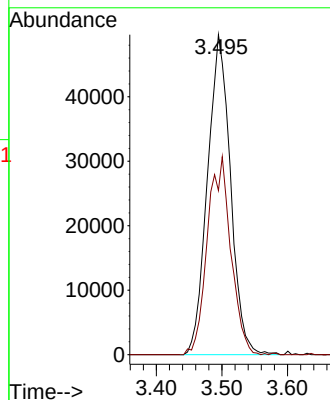
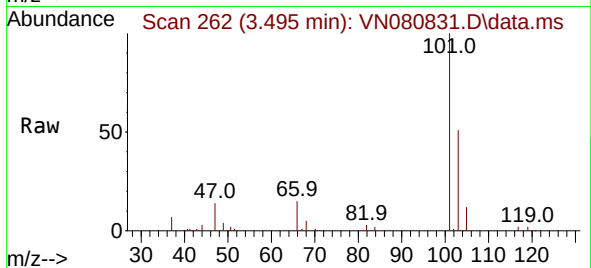
Tgt Ion:101 Resp: 120950
Ion Ratio Lower Upper
101 100
103 51.3 54.4 81.6

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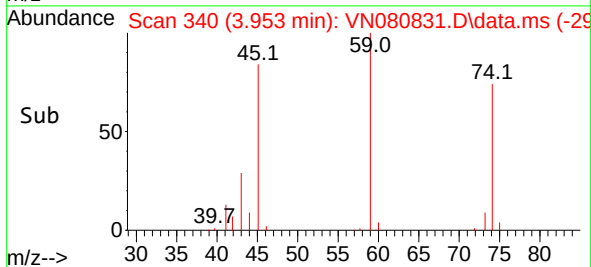
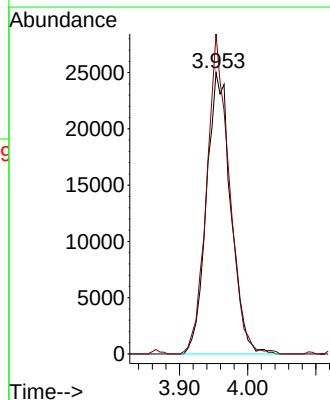
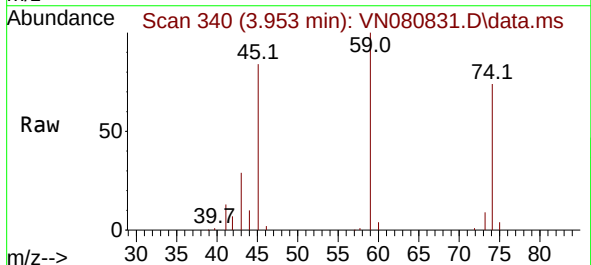
Reviewed By :John Carlone 02/01/2024

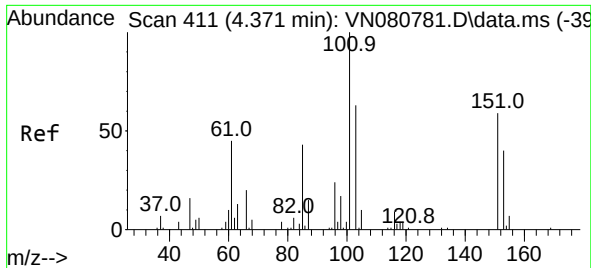
Supervised By :Mahesh Dadoda 02/01/2024



#8
Diethyl Ether
Concen: 50.864 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 74 Resp: 62324
Ion Ratio Lower Upper
74 100
45 105.3 53.3 159.9





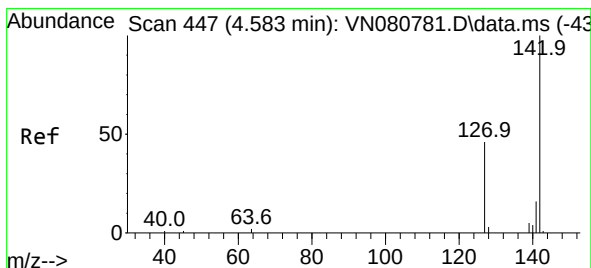
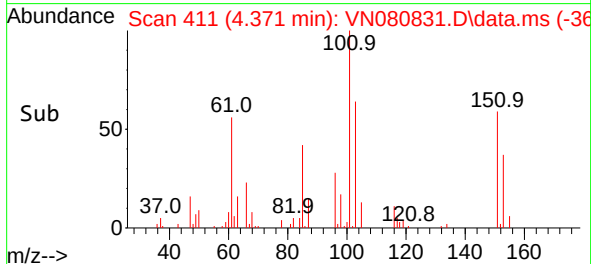
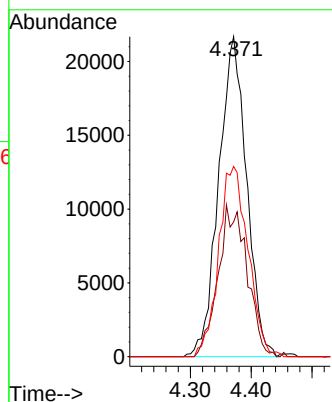
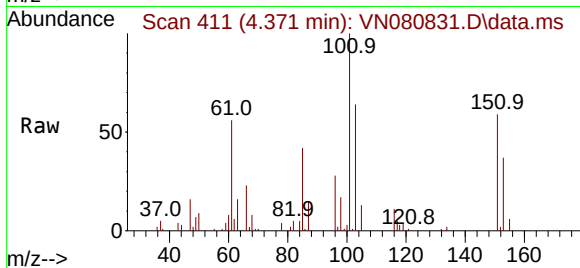
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.530 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68972
Ion Ratio Lower Upper
101 100
85 49.1 38.1 57.1
151 62.7 49.1 73.7

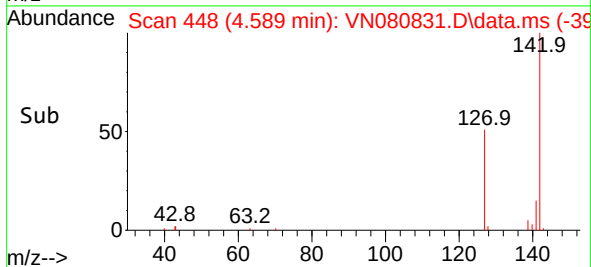
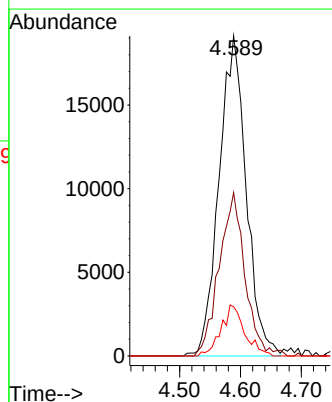
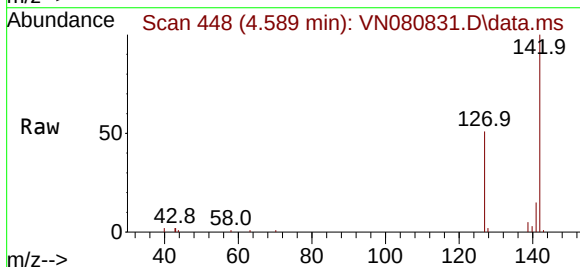
Manual Integrations
APPROVED

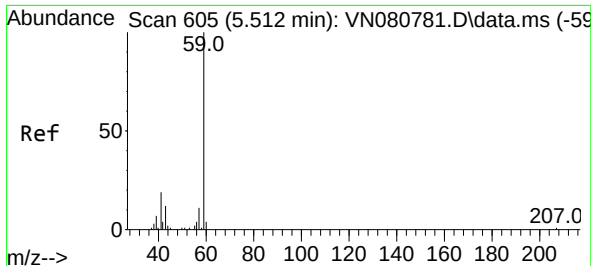
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 45.356 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

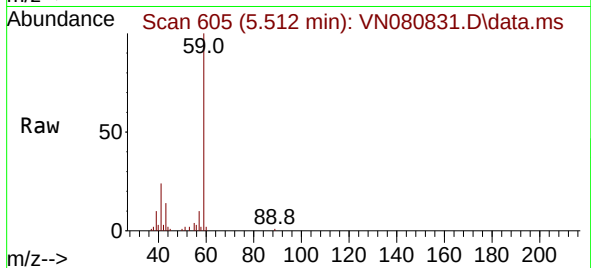
Tgt Ion:142 Resp: 59303
Ion Ratio Lower Upper
142 100
127 51.1 37.0 55.4
141 15.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 227.946 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

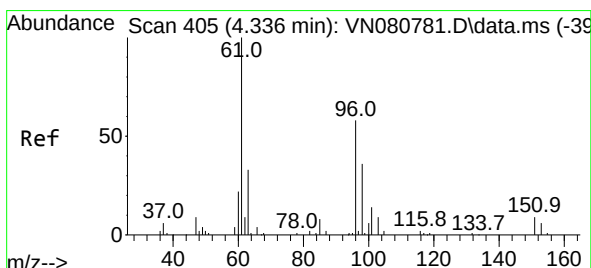
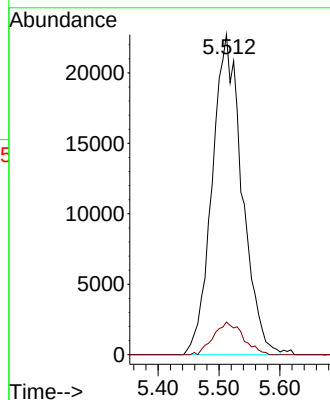
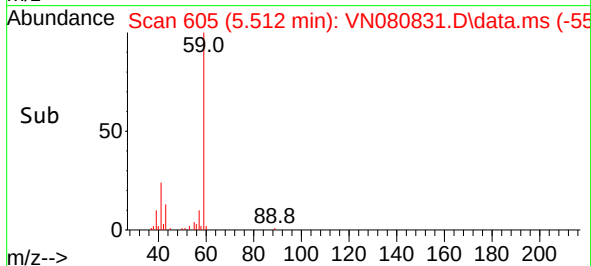
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



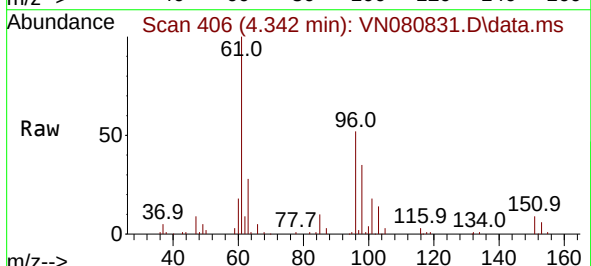
Tgt Ion: 59 Resp: 7772
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

Manual Integrations
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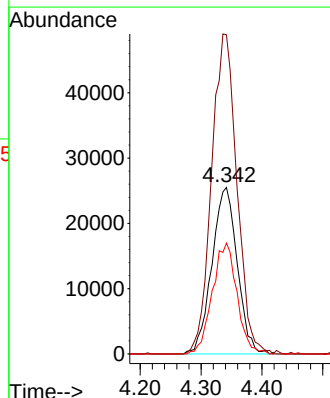
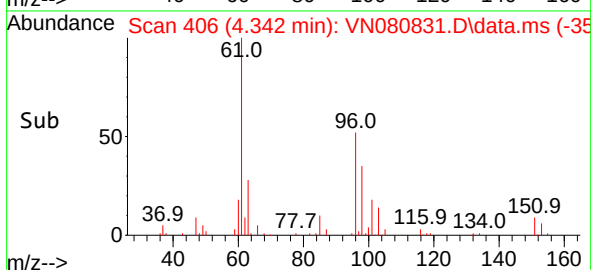
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

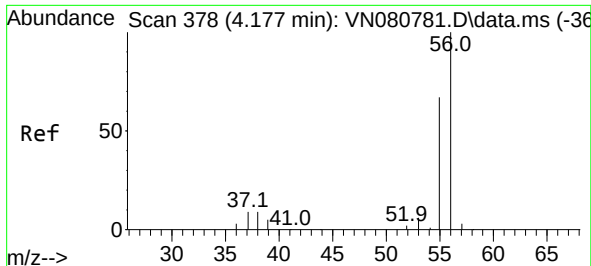


#12
1,1-Dichloroethene
Concen: 43.477 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



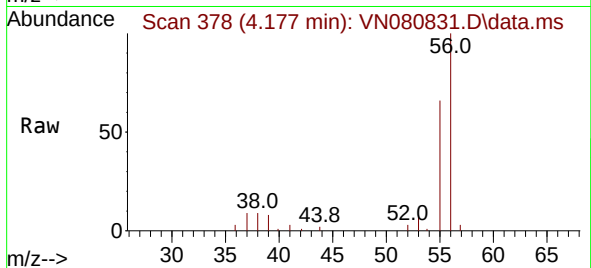
Tgt Ion: 96 Resp: 73787
Ion Ratio Lower Upper
96 100
61 191.6 138.2 207.4
98 66.6 49.2 73.8





#13
Acrolein
Concen: 252.672 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

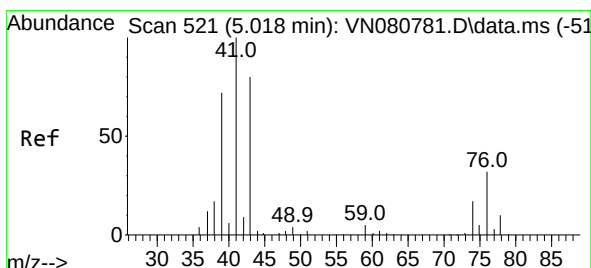
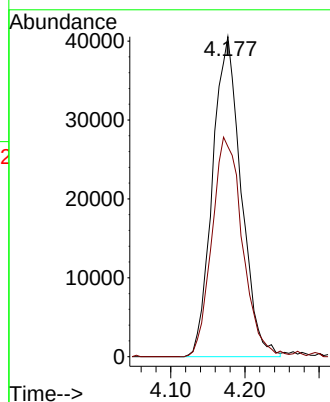
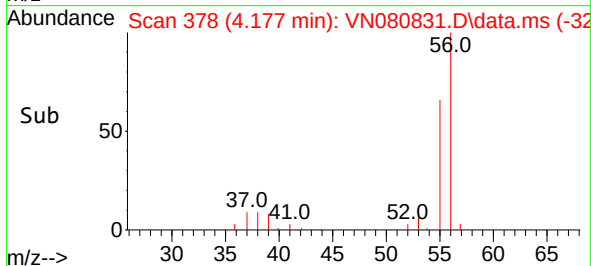
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



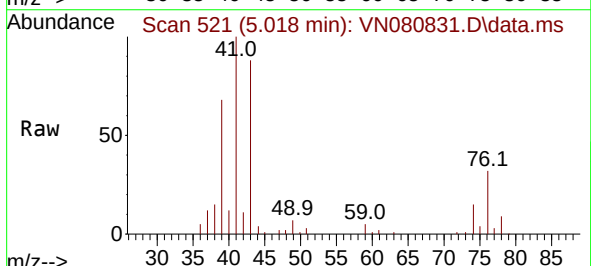
Tgt Ion: 56 Resp: 10864
Ion Ratio Lower Upper
56 100
55 73.3 55.3 82.9

Manual Integrations
APPROVED

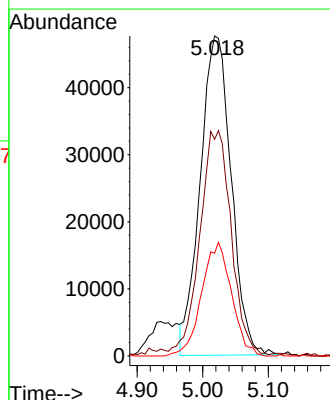
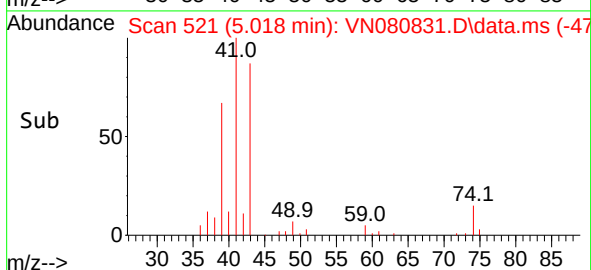
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

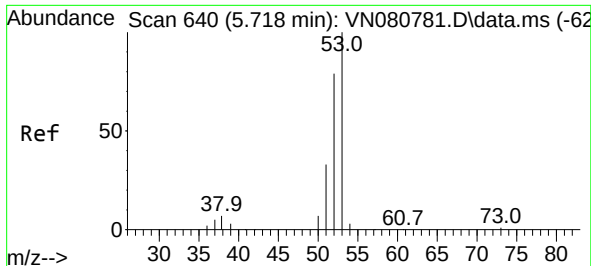


#14
Allyl chloride
Concen: 46.675 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



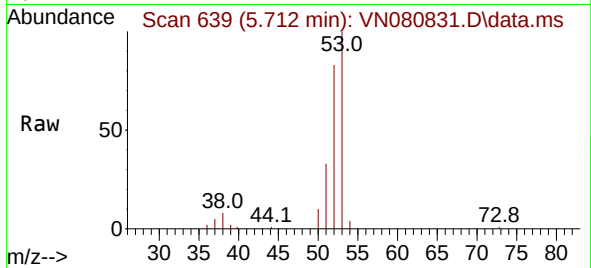
Tgt Ion: 41 Resp: 156573
Ion Ratio Lower Upper
41 100
39 70.7 57.7 86.5
76 34.3 26.8 40.2





#15
Acrylonitrile
Concen: 251.177 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

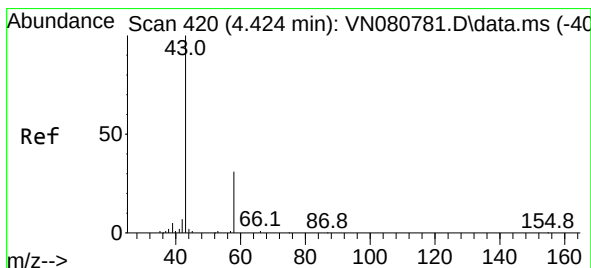
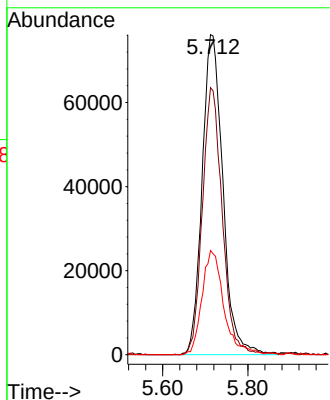
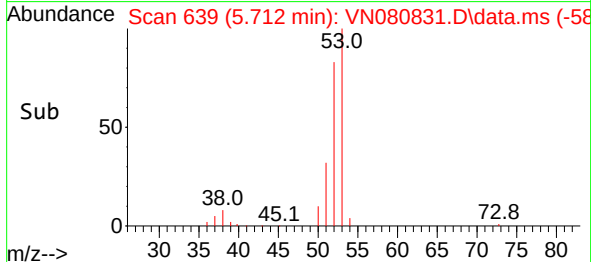
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 25757
Ion Ratio Lower Upper
53 100
52 80.0 64.8 97.2
51 34.1 26.9 40.3

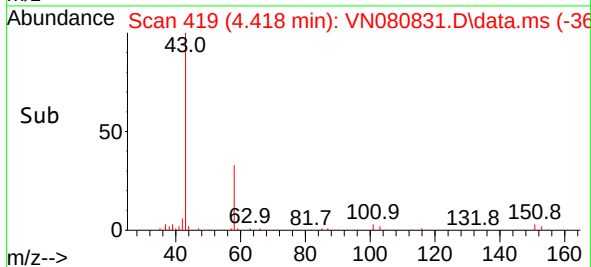
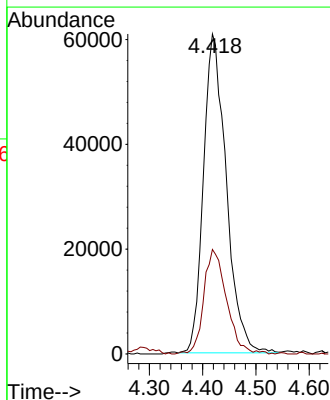
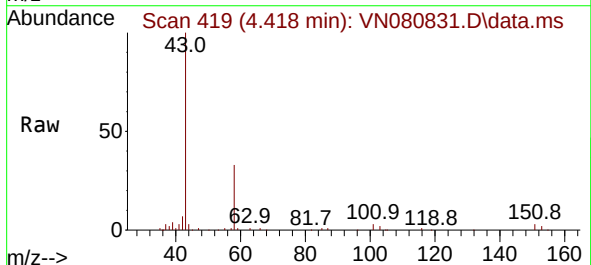
Manual Integrations
APPROVED

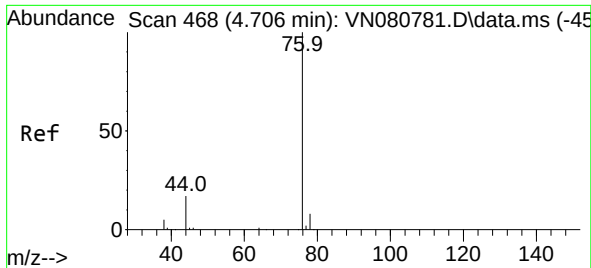
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#16
Acetone
Concen: 238.549 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 43 Resp: 180962
Ion Ratio Lower Upper
43 100
58 32.5 24.8 37.2





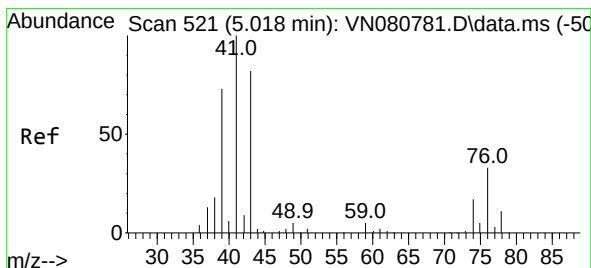
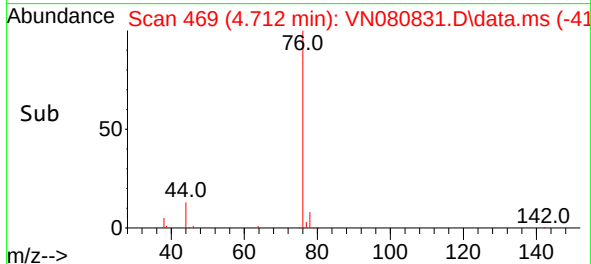
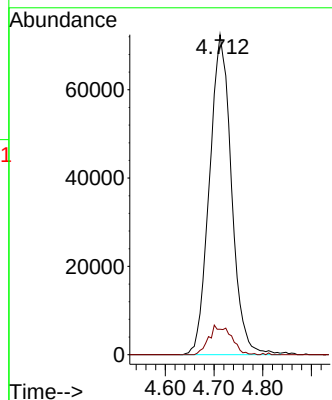
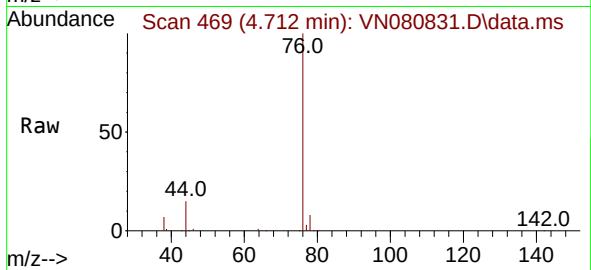
#17
Carbon Disulfide
Concen: 43.023 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22731
Ion Ratio Lower Upper
76 100
78 7.9 6.3 9.5

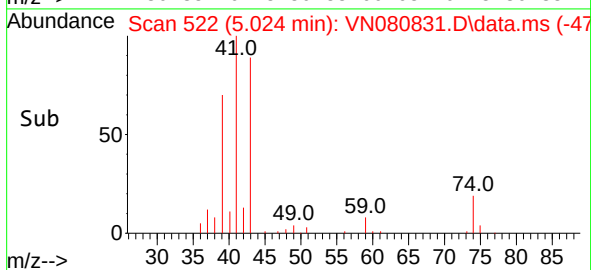
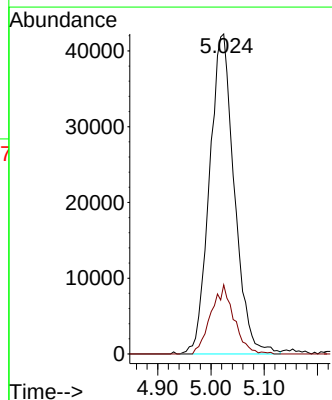
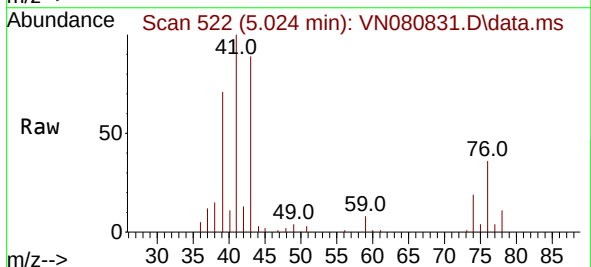
Manual Integrations
APPROVED

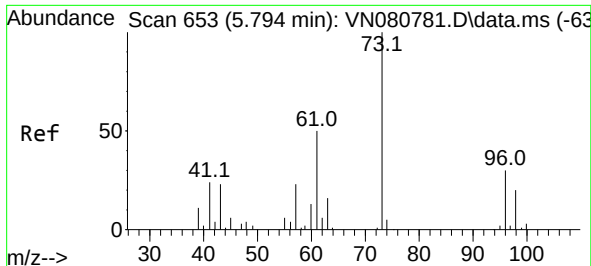
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#18
Methyl Acetate
Concen: 51.723 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 43 Resp: 136746
Ion Ratio Lower Upper
43 100
74 20.1 17.3 25.9





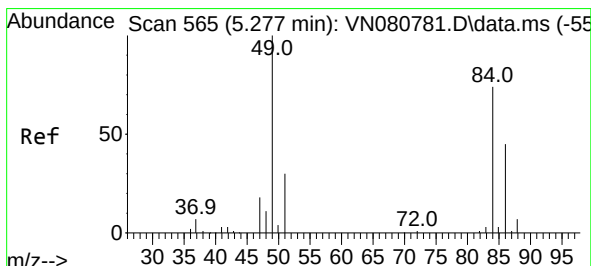
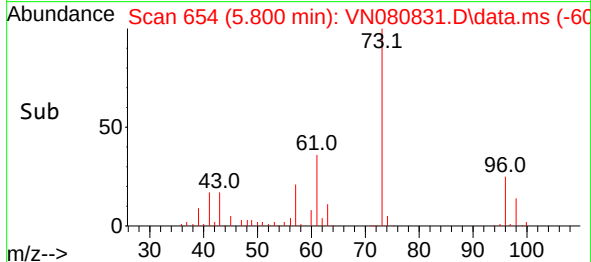
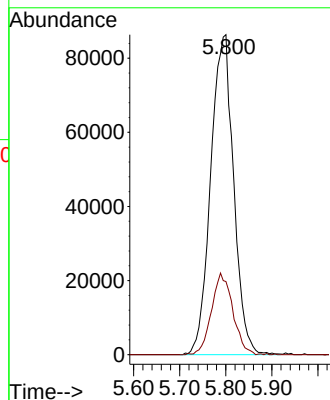
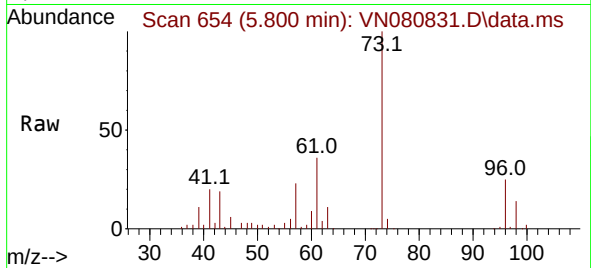
#19
Methyl tert-butyl Ether
Concen: 49.868 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 298210
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

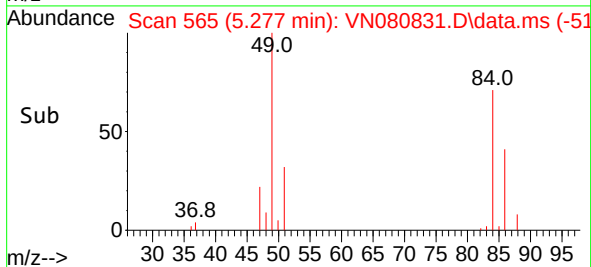
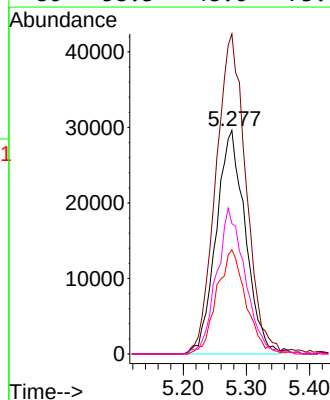
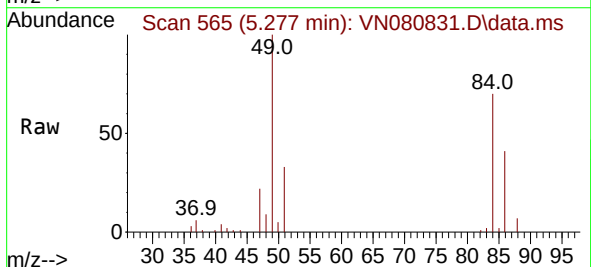
Manual Integrations
APPROVED

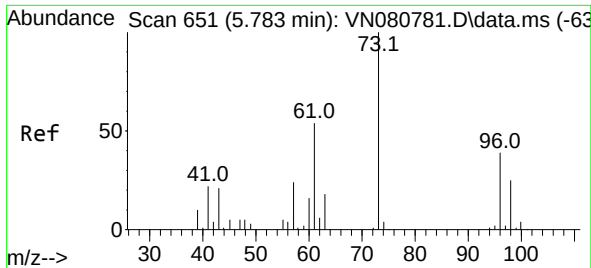
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 47.849 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 84 Resp: 95283
Ion Ratio Lower Upper
84 100
49 143.2 108.1 162.1
51 46.6 32.9 49.3
86 58.3 48.6 73.0





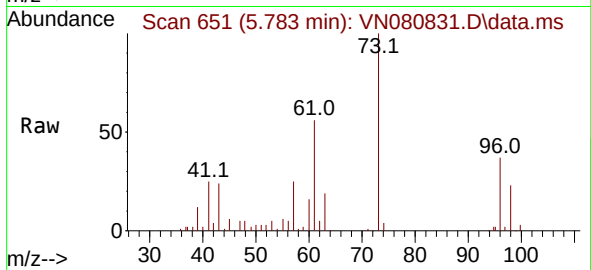
#21
trans-1,2-Dichloroethene
Concen: 46.225 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



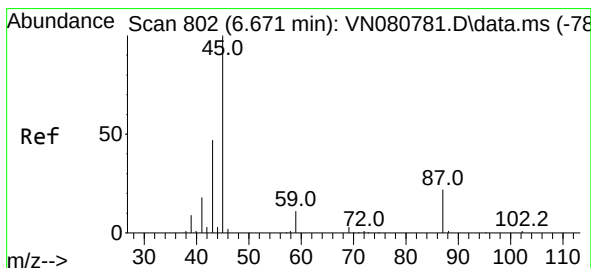
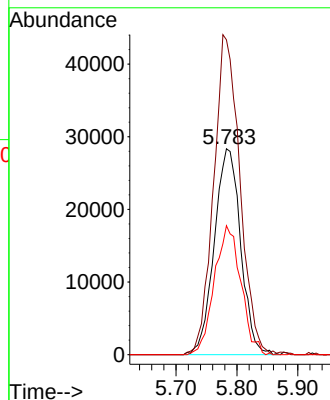
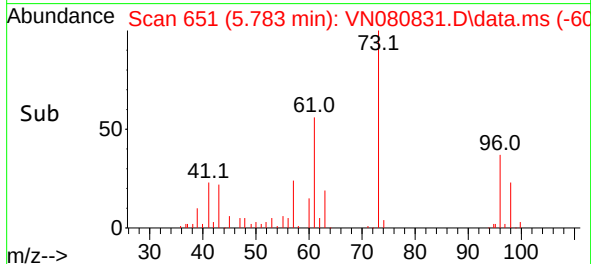
Tgt Ion: 96 Resp: 85230
Ion Ratio Lower Upper
96 100
61 152.9 112.8 169.2
98 62.6 51.0 76.4

Manual Integrations

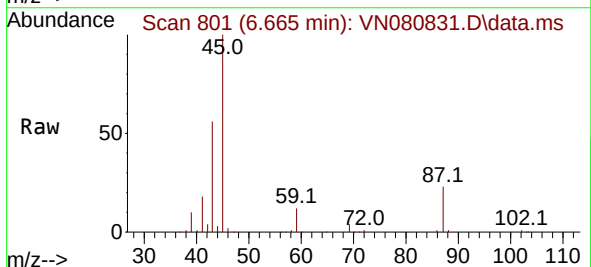
APPROVED

Reviewed By :John Carlone 02/01/2024

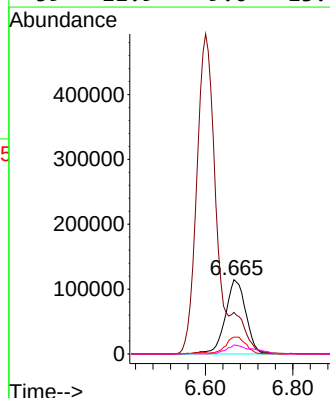
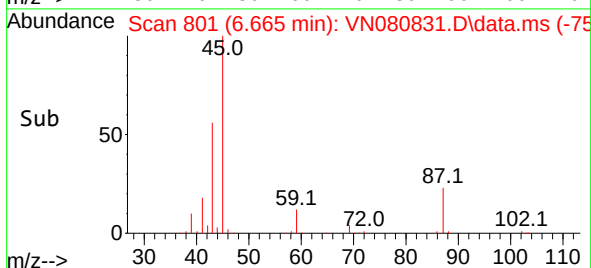
Supervised By :Mahesh Dadoda 02/01/2024

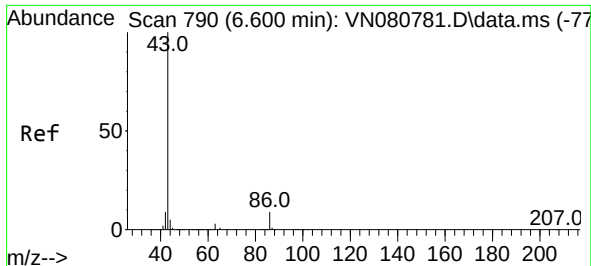


#22
Diisopropyl ether
Concen: 50.242 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



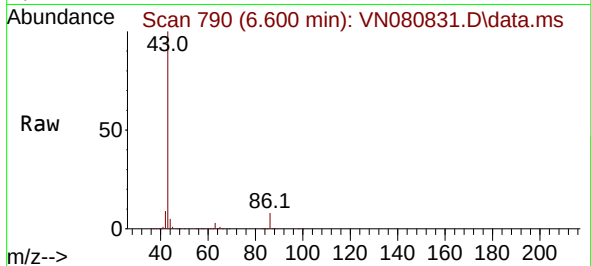
Tgt Ion: 45 Resp: 371870
Ion Ratio Lower Upper
45 100
43 55.2 41.8 62.8
87 22.7 18.1 27.1
59 11.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 269.067 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

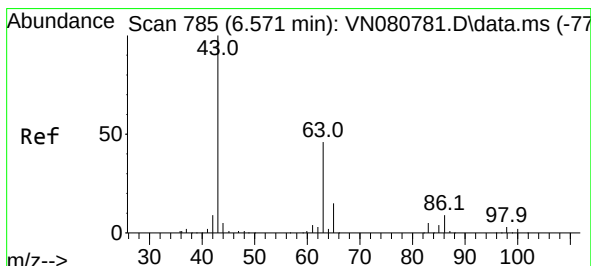
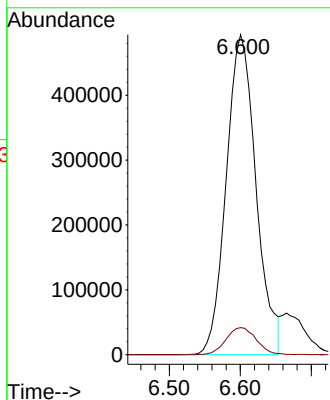
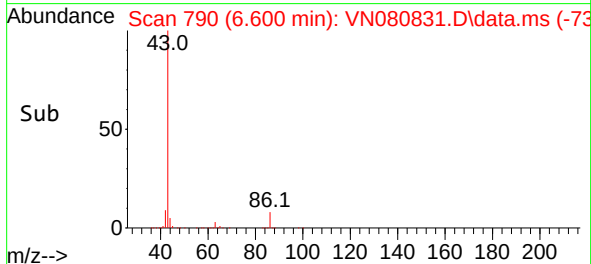
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



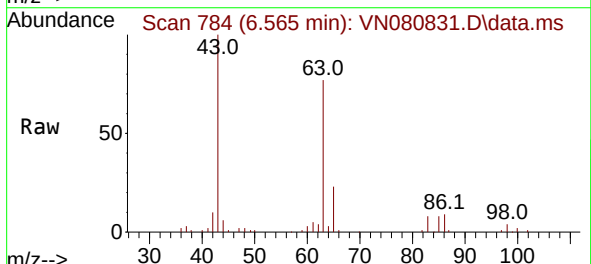
Tgt Ion: 43 Resp: 1440980
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.1 10.7

Manual Integrations
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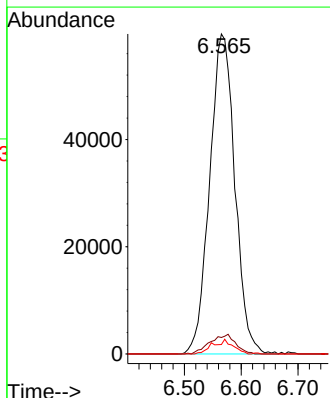
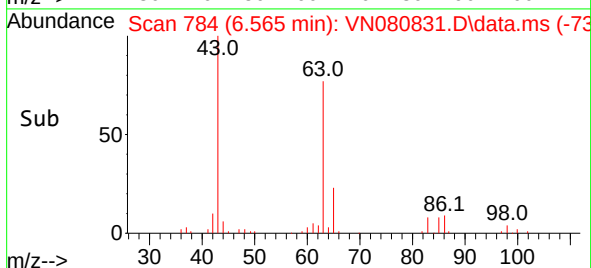
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

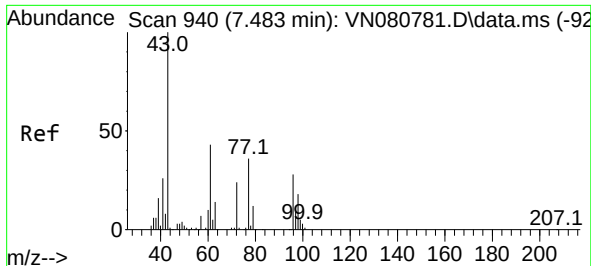


#24
 1,1-Dichloroethane
 Concen: 48.981 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14



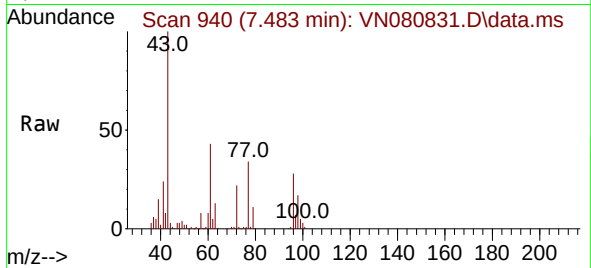
Tgt Ion: 63 Resp: 183862
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.9 8.6
 100 3.0 1.9 5.7





#25
2-Butanone
Concen: 240.149 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

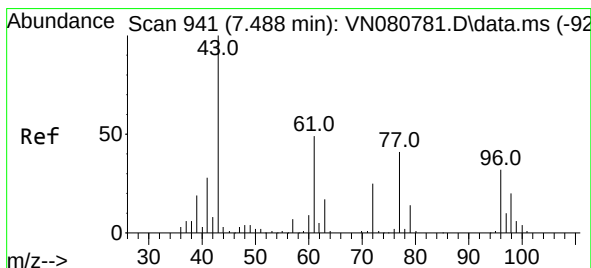
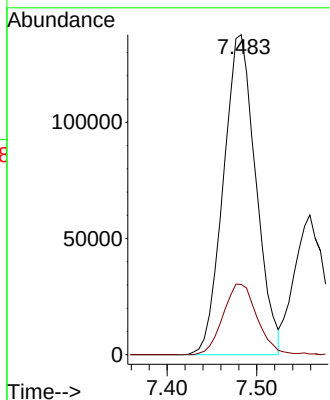
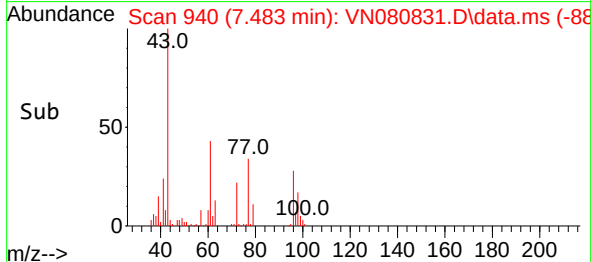
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 346028
Ion Ratio Lower Upper
43 100
72 22.0 19.5 29.3

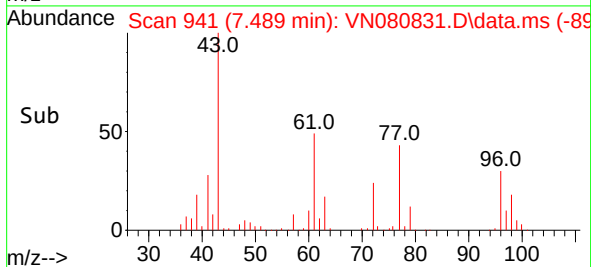
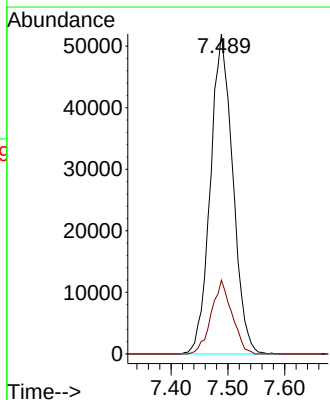
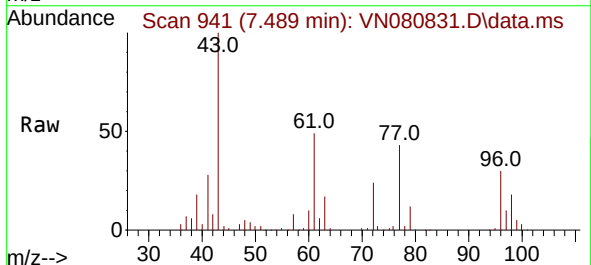
Manual Integrations
APPROVED

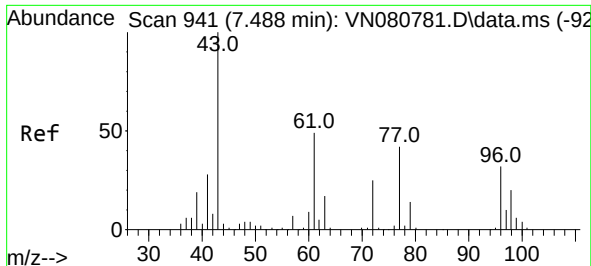
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#26
2,2-Dichloropropane
Concen: 46.893 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

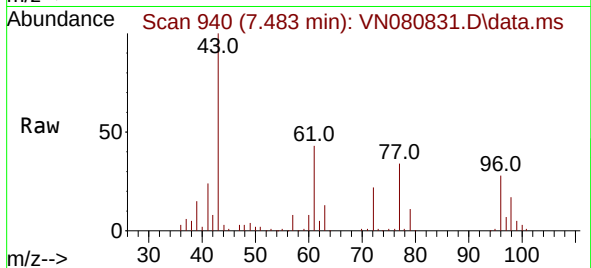
Tgt Ion: 77 Resp: 142271
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.864 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

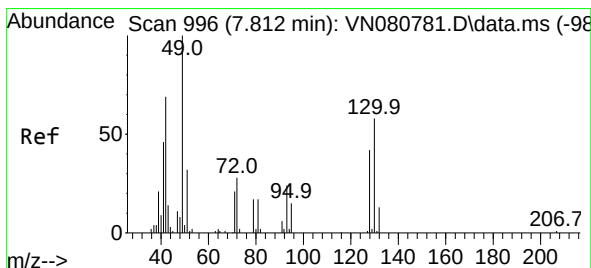
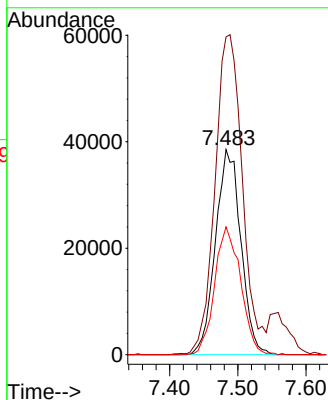
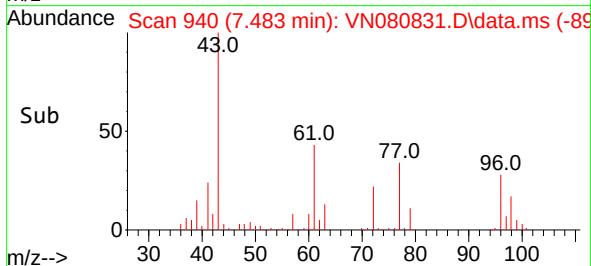
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 100025
 Ion Ratio Lower Upper
 96 100
 61 168.6 0.0 325.4
 98 63.6 0.0 130.4

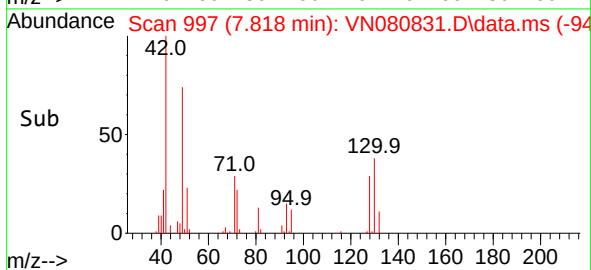
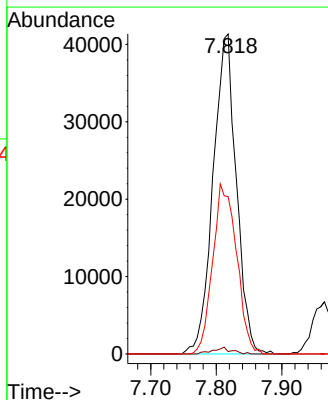
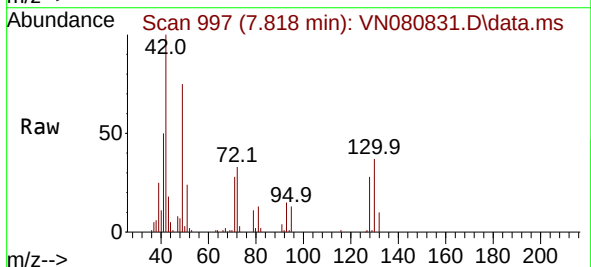
Manual Integrations
 APPROVED

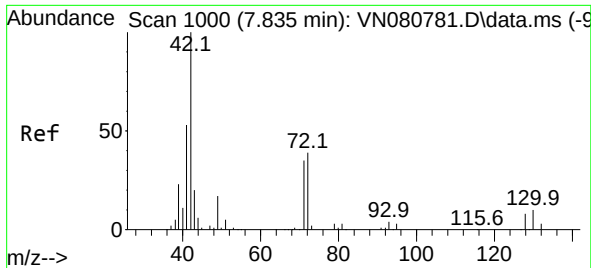
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#28
 Bromochloromethane
 Concen: 51.155 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

Tgt Ion: 49 Resp: 101664
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 1.6#
 130 54.5 42.3 63.5





#29

Tetrahydrofuran

Concen: 245.198 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 23906

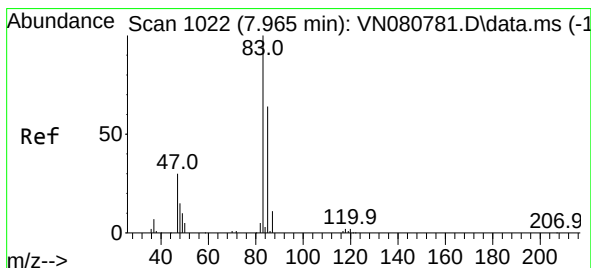
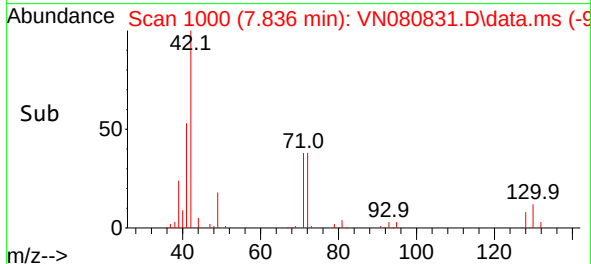
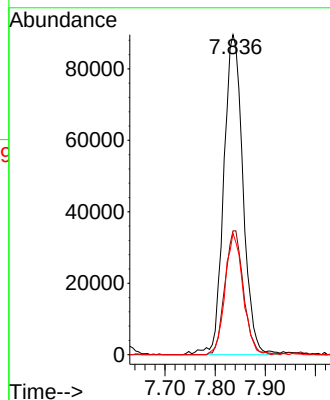
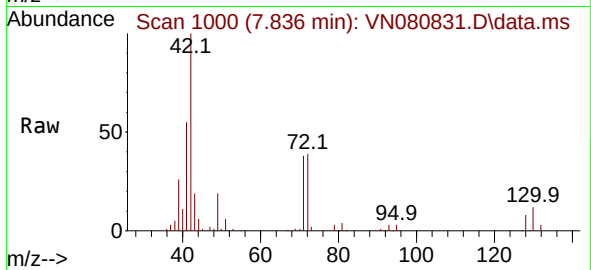
Ion	Ratio	Lower	Upper
42	100		
72	37.4	31.1	46.7
71	35.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 48.889 ug/l

RT: 7.971 min Scan# 1023

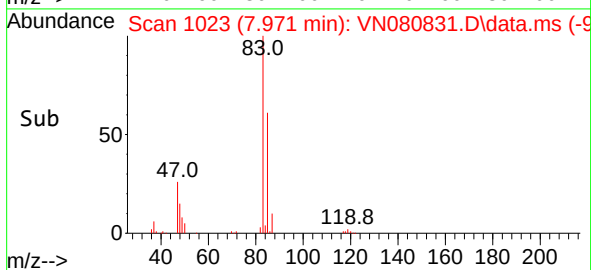
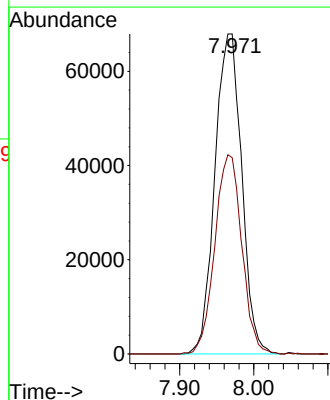
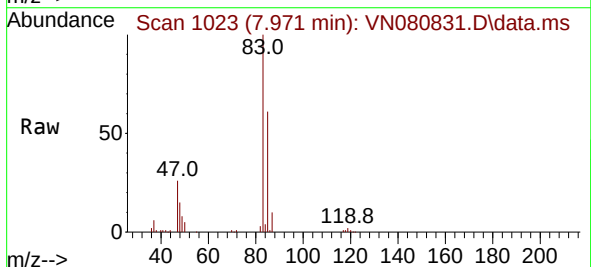
Delta R.T. 0.006 min

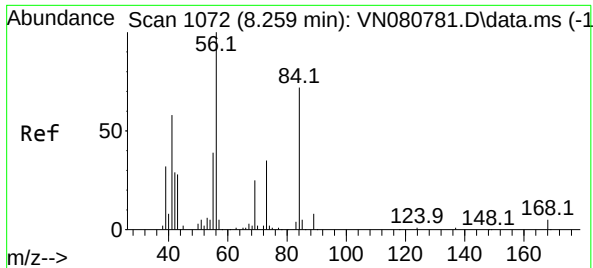
Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Tgt Ion: 83 Resp: 170492

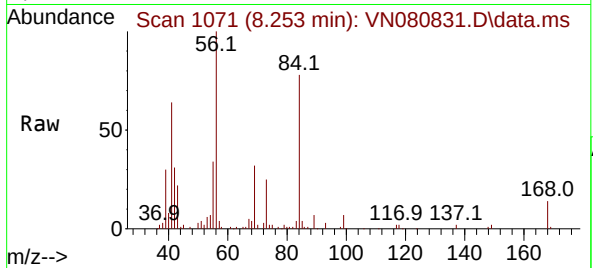
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.0	76.6





#31
Cyclohexane
Concen: 41.957 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

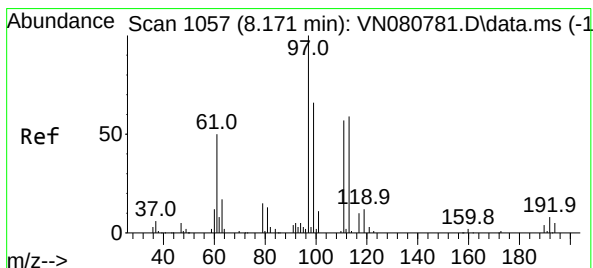
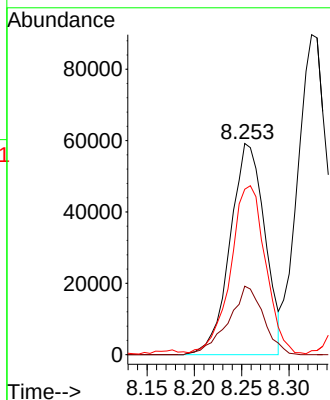
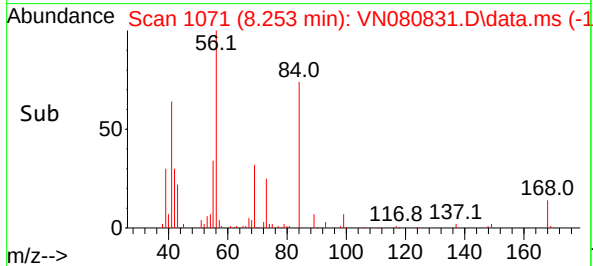
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



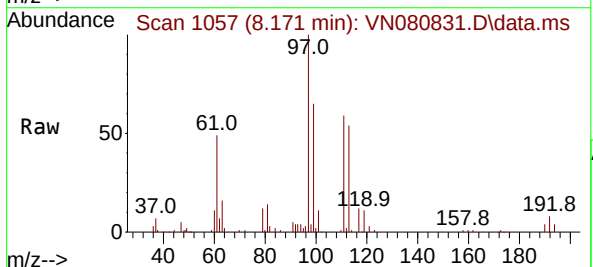
Tgt Ion: 56 Resp: 150488
Ion Ratio Lower Upper
56 100
69 32.1 20.1 30.1
84 77.1 56.9 85.3

Manual Integrations
APPROVED

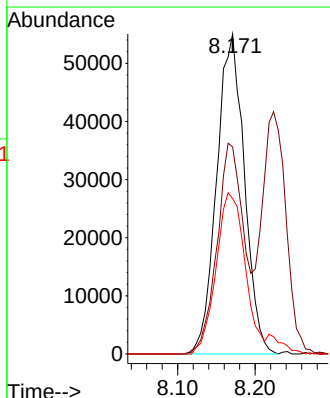
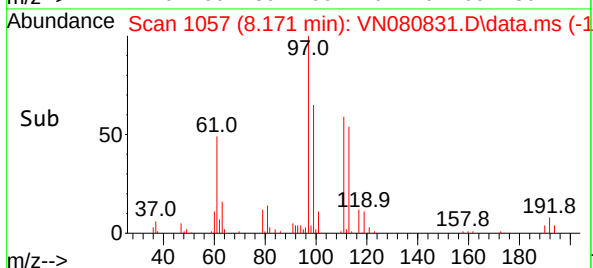
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

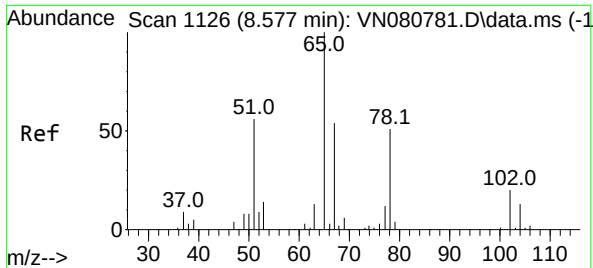


#32
1,1,1-Trichloroethane
Concen: 48.323 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



Tgt Ion: 97 Resp: 136655
Ion Ratio Lower Upper
97 100
99 62.8 53.4 80.0
61 52.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.592 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9954

Ion Ratio Lower Upper

65 100

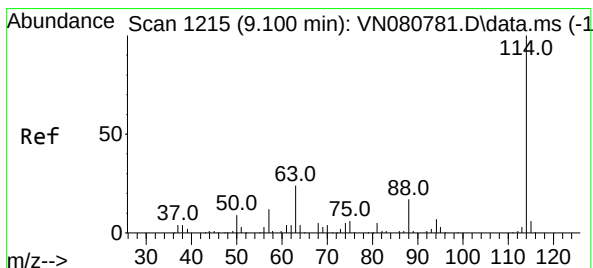
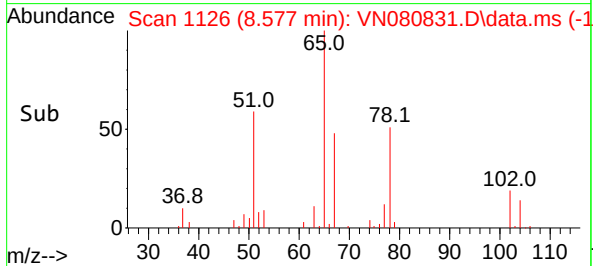
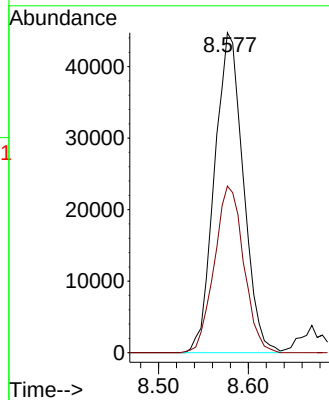
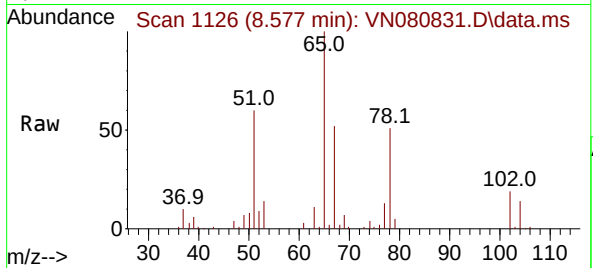
67 53.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

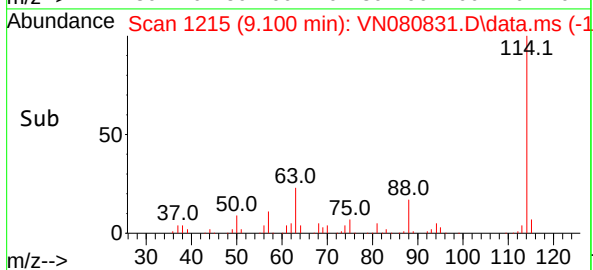
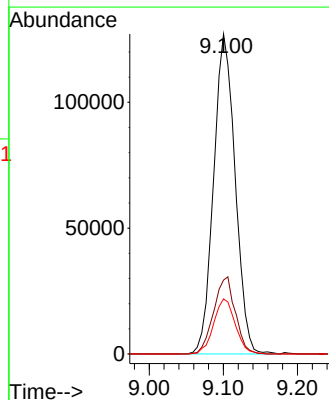
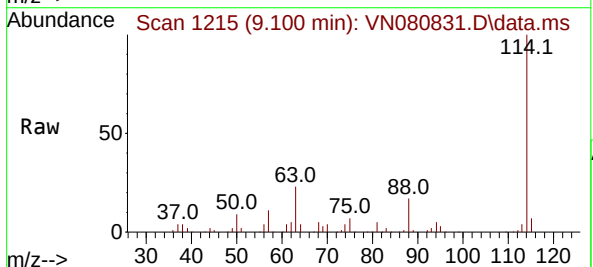
Tgt Ion:114 Resp: 256689

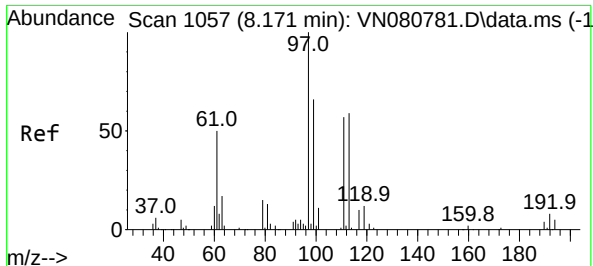
Ion Ratio Lower Upper

114 100

63 23.1 0.0 48.0

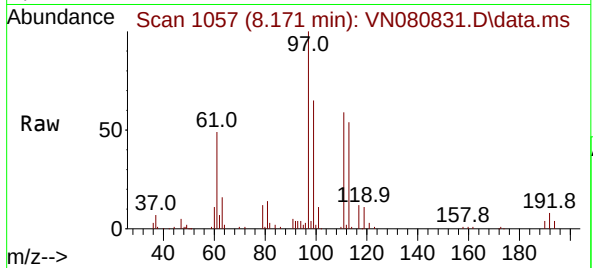
88 17.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 45.672 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

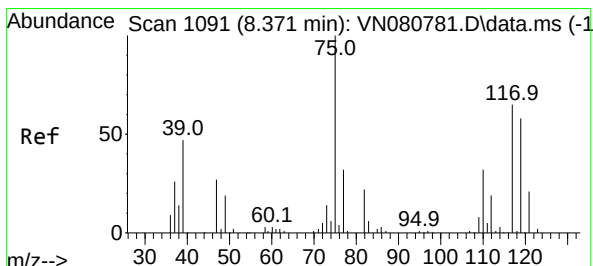
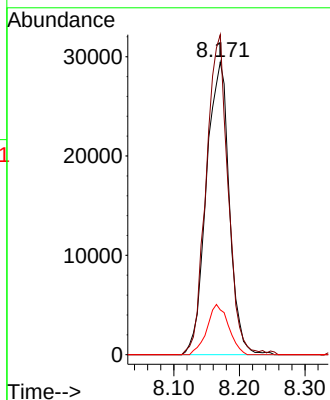
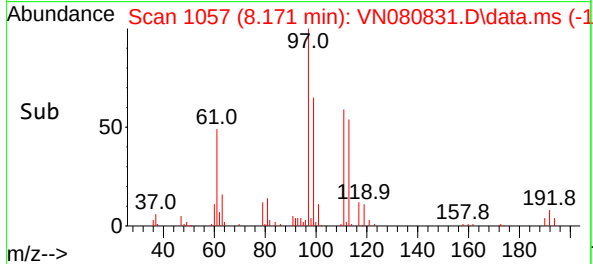
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 71725
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.1 12.5 18.7

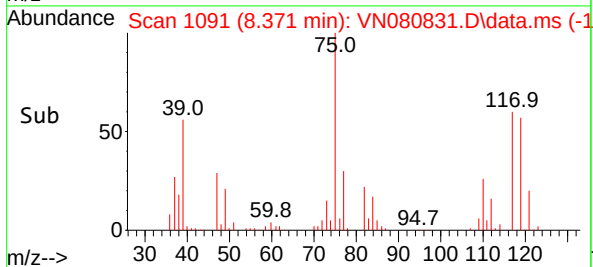
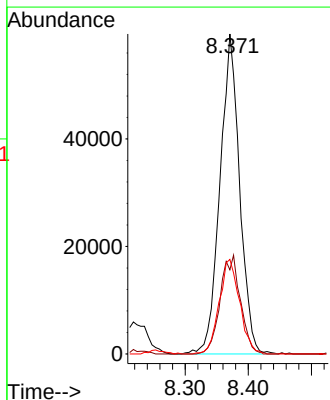
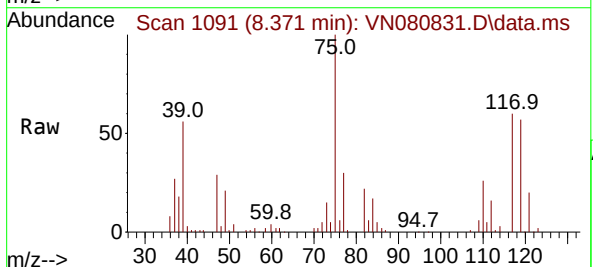
Manual Integrations
APPROVED

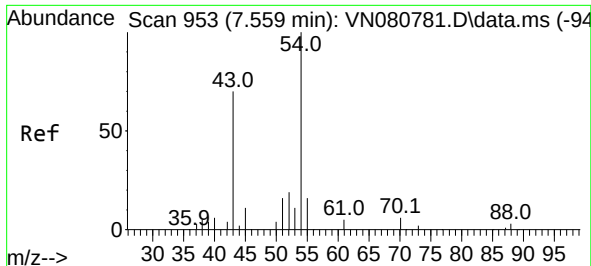
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 44.117 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

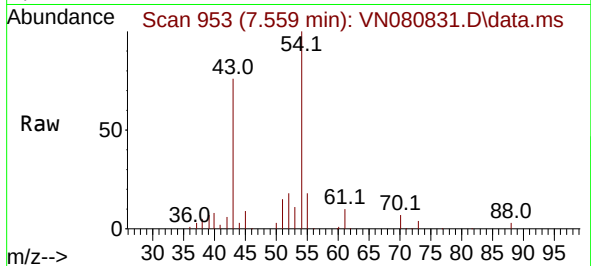
Tgt Ion: 75 Resp: 128774
Ion Ratio Lower Upper
75 100
110 31.8 16.0 48.0
77 30.6 25.8 38.6





#37
Ethyl Acetate
Concen: 49.149 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

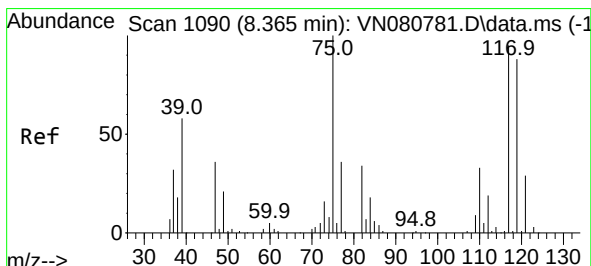
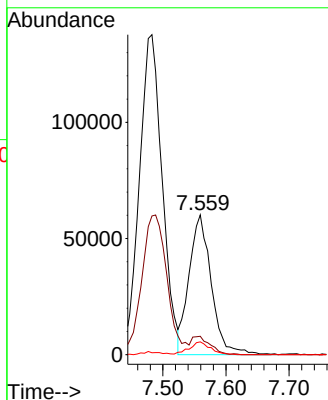
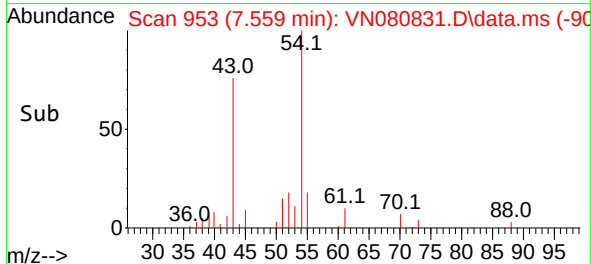
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 147685
Ion Ratio Lower Upper
43 100
61 10.8 10.6 15.8
70 8.6 8.0 12.0

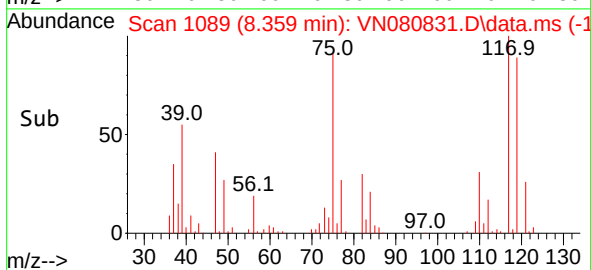
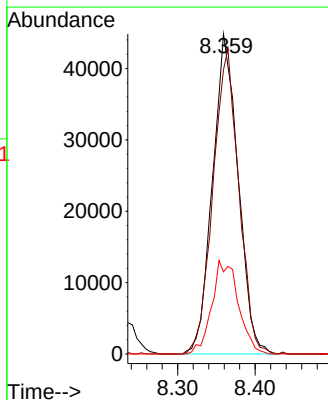
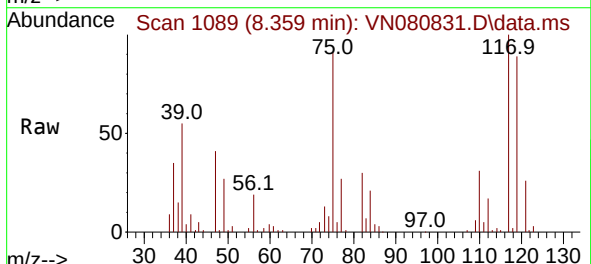
Manual Integrations
APPROVED

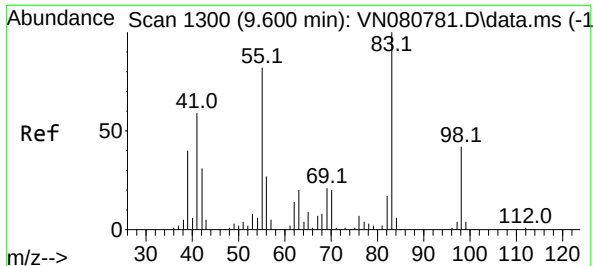
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#38
Carbon Tetrachloride
Concen: 43.812 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:117 Resp: 103039
Ion Ratio Lower Upper
117 100
119 88.8 73.4 110.2
121 25.6 24.4 36.6





#39

Methylcyclohexane

Concen: 43.273 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 125540

Ion Ratio Lower Upper

83 100

55 89.1 65.7 98.5

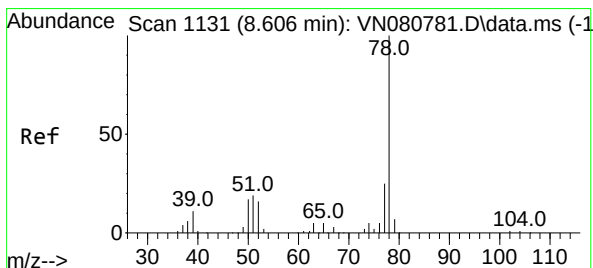
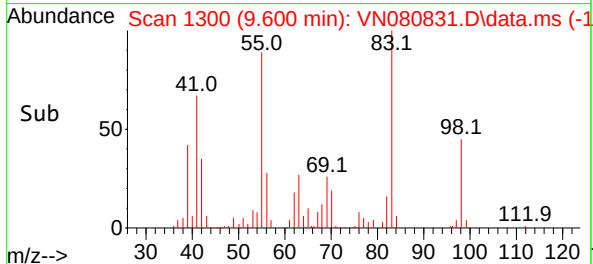
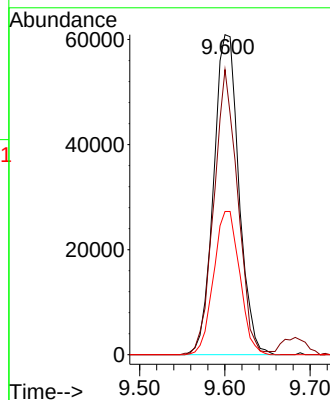
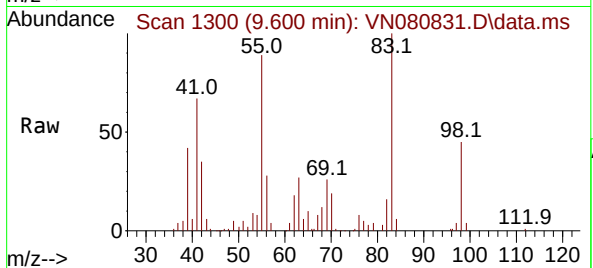
98 44.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 46.383 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080831.D

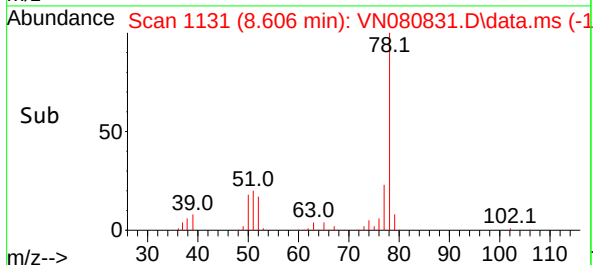
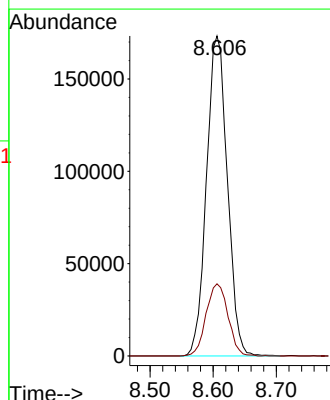
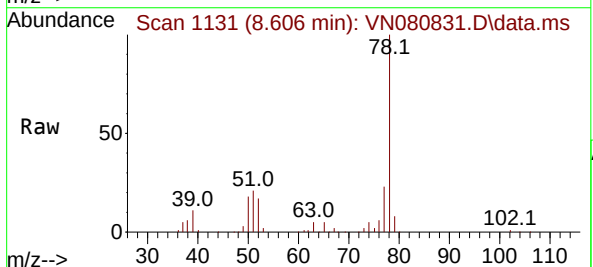
Acq: 31 Jan 2024 11:14

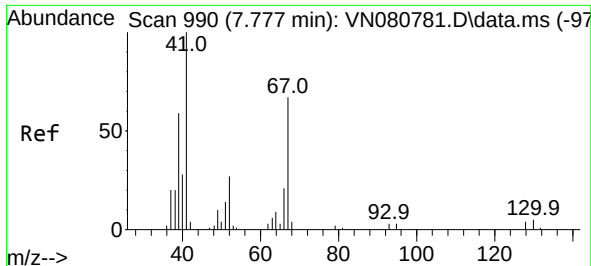
Tgt Ion: 78 Resp: 397920

Ion Ratio Lower Upper

78 100

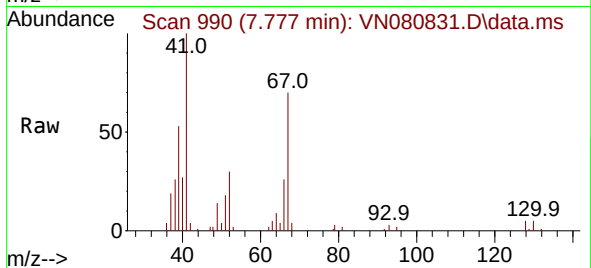
77 22.6 20.4 30.6





#41
Methacrylonitrile
Concen: 44.815 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

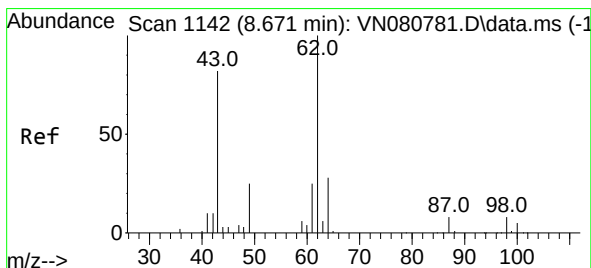
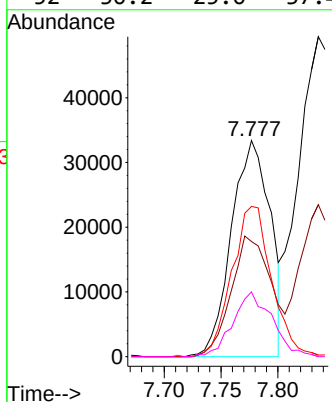
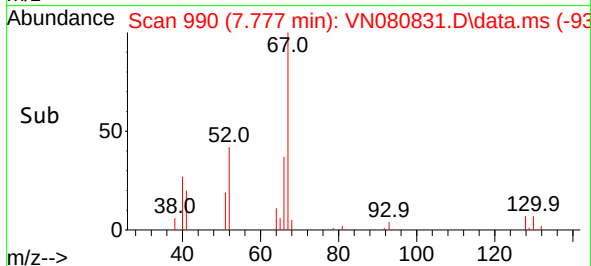
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 79368
Ion Ratio Lower Upper
41 100
39 58.2 48.4 72.6
67 71.2 56.8 85.2
52 30.2 25.0 37.4

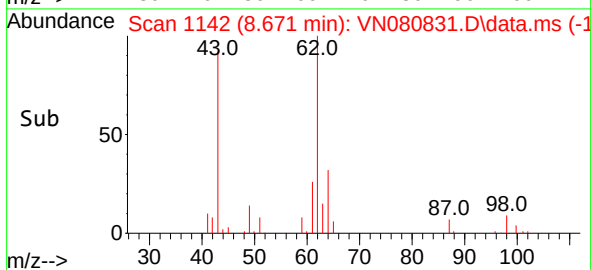
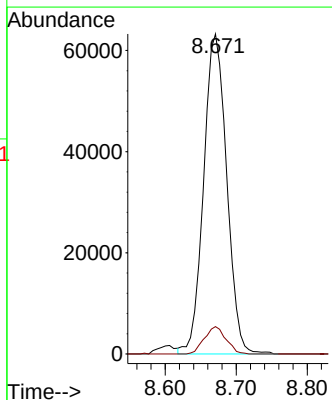
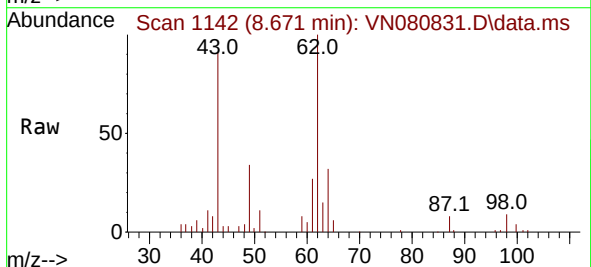
Manual Integrations
APPROVED

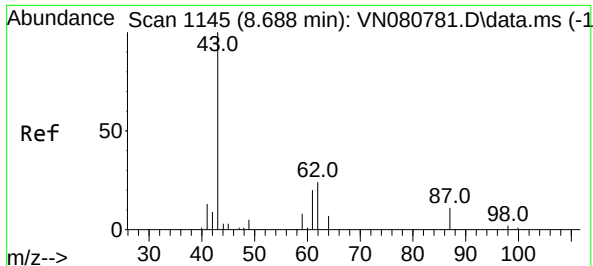
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 51.144 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 62 Resp: 142943
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.229 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 26384

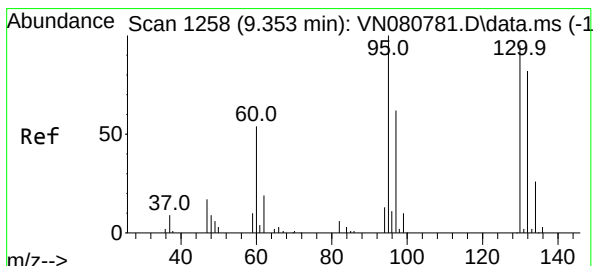
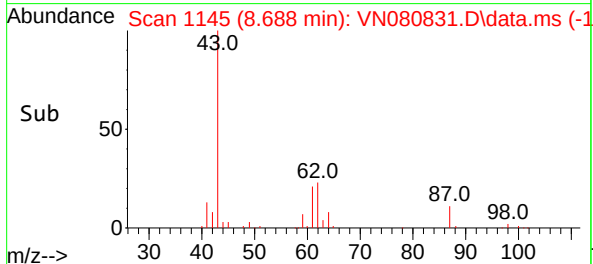
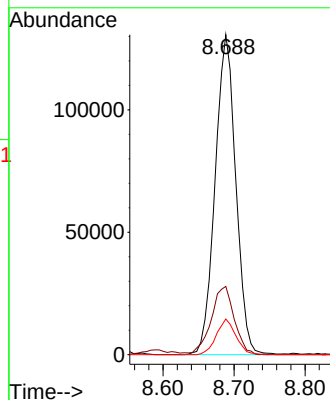
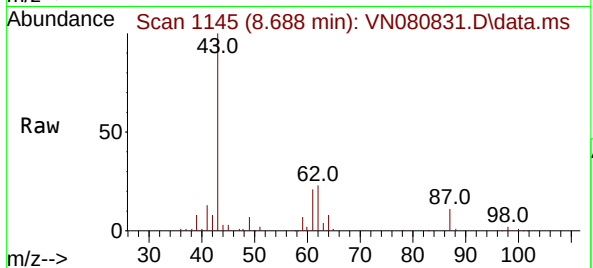
Ion	Ratio	Lower	Upper
43	100		
61	23.8	19.9	29.9
87	10.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#44

Trichloroethene

Concen: 42.358 ug/l

RT: 9.353 min Scan# 1258

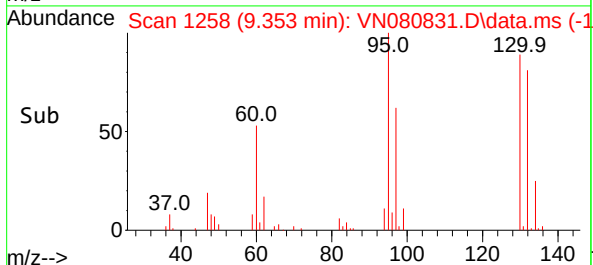
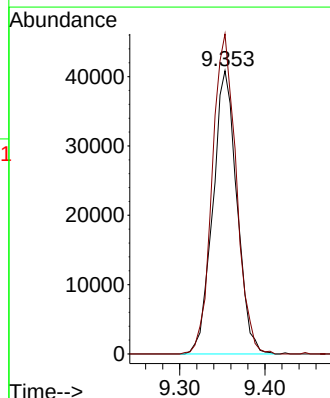
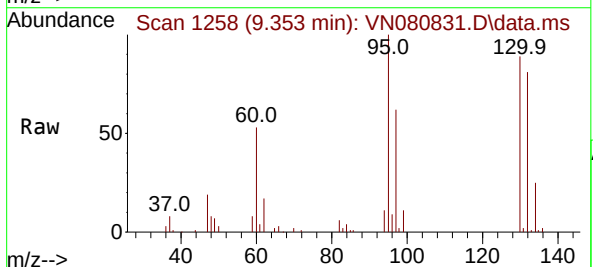
Delta R.T. 0.000 min

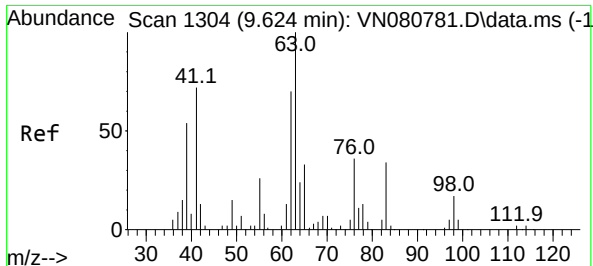
Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Tgt Ion:130 Resp: 80040

Ion	Ratio	Lower	Upper
130	100		
95	113.0	0.0	210.4





#45

1,2-Dichloropropane

Concen: 47.322 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10986

Ion Ratio Lower Upper

63 100

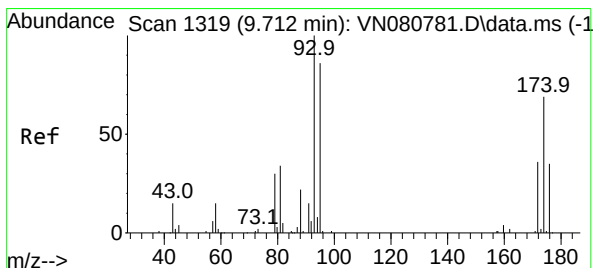
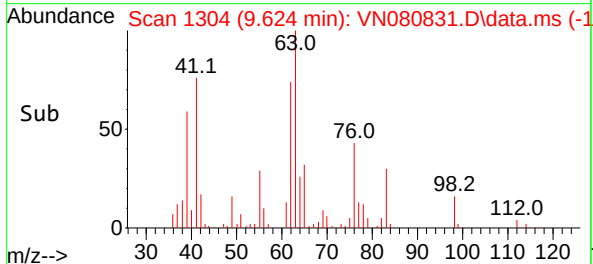
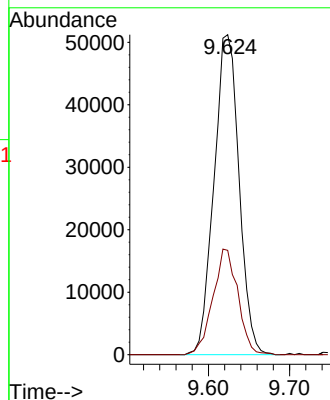
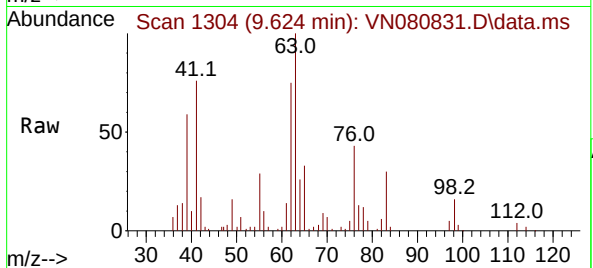
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#46

Dibromomethane

Concen: 47.068 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

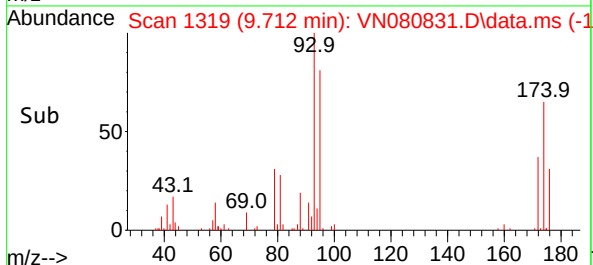
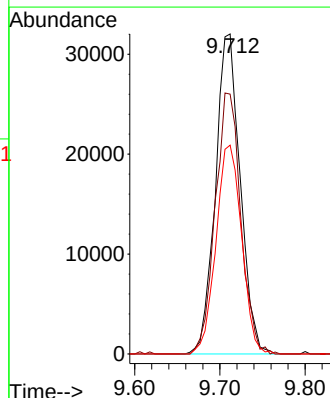
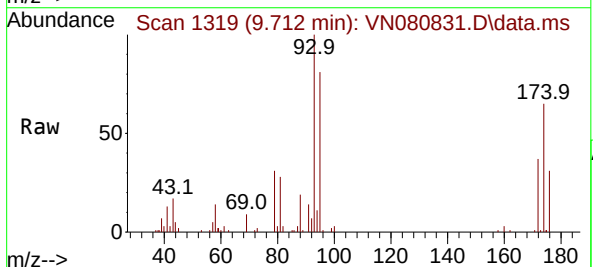
Tgt Ion: 93 Resp: 64779

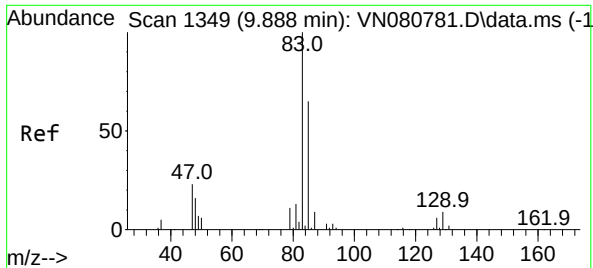
Ion Ratio Lower Upper

93 100

95 83.9 68.1 102.1

174 67.6 57.2 85.8





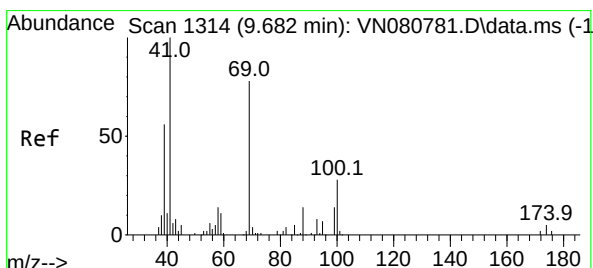
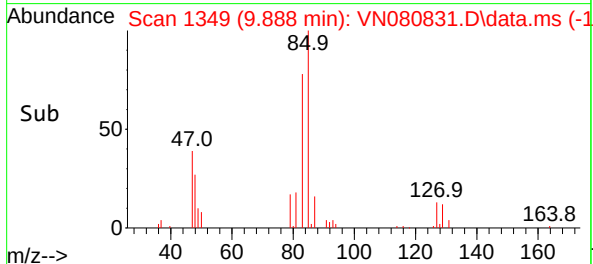
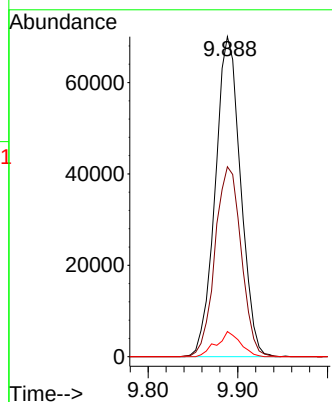
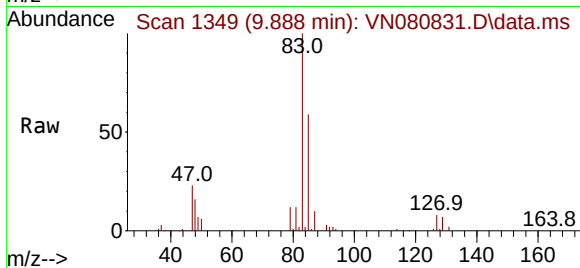
#47
Bromodichloromethane
Concen: 49.078 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 137130
Ion Ratio Lower Upper
83 100
85 59.4 52.3 78.5
127 7.9 4.6 7.0

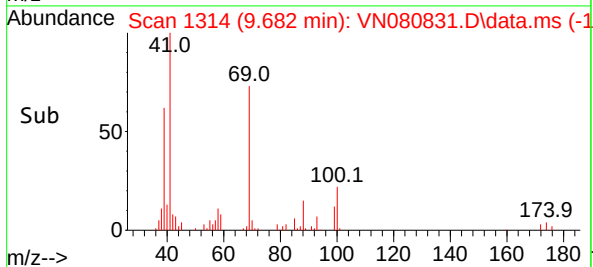
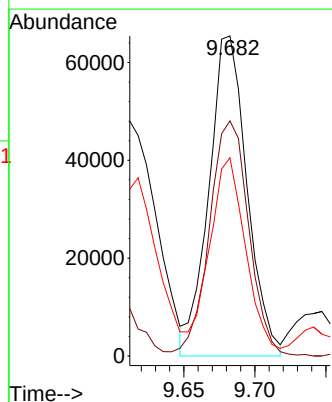
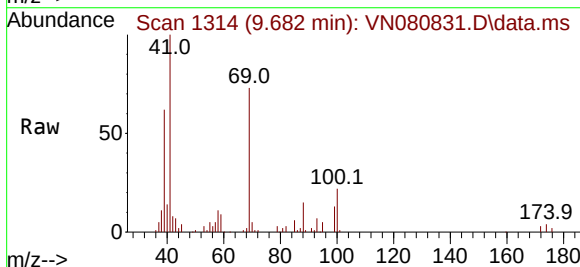
Manual Integrations
APPROVED

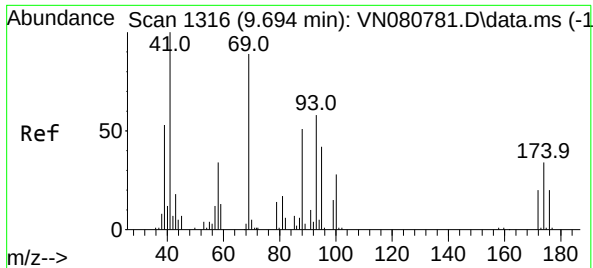
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#48
Methyl methacrylate
Concen: 46.089 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 41 Resp: 122236
Ion Ratio Lower Upper
41 100
69 75.9 62.2 93.2
39 58.8 47.6 71.4





#49

1,4-Dioxane

Concen: 914.711 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2922

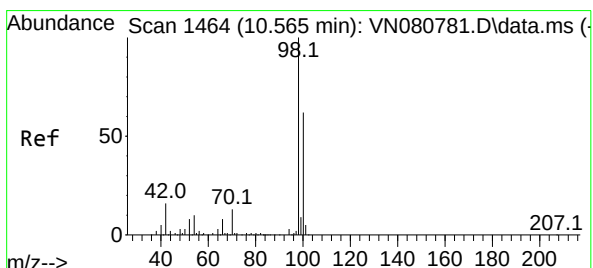
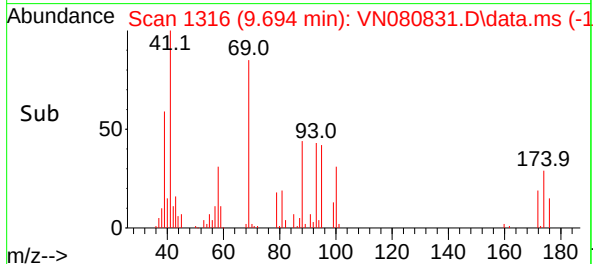
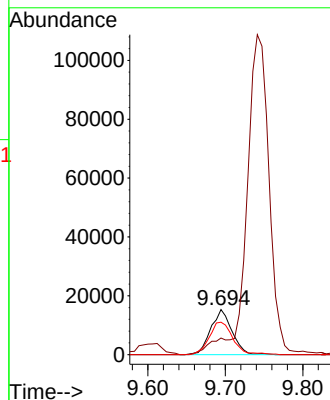
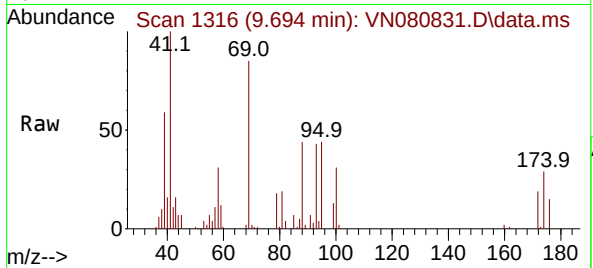
Ion	Ratio	Lower	Upper
88	100		
43	32.1	30.1	45.1
58	80.2	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#50

Toluene-d8

Concen: 44.843 ug/l

RT: 10.571 min Scan# 1465

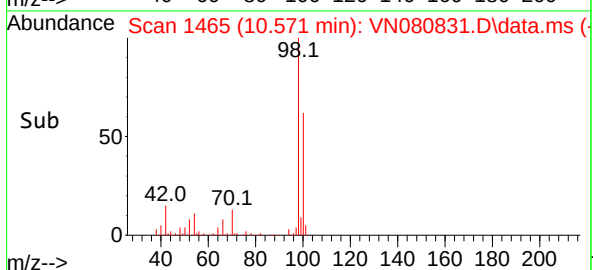
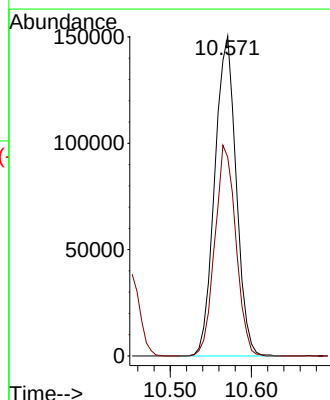
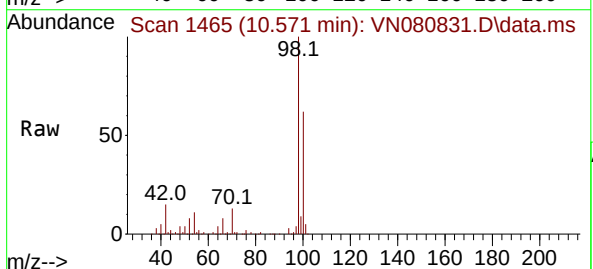
Delta R.T. 0.006 min

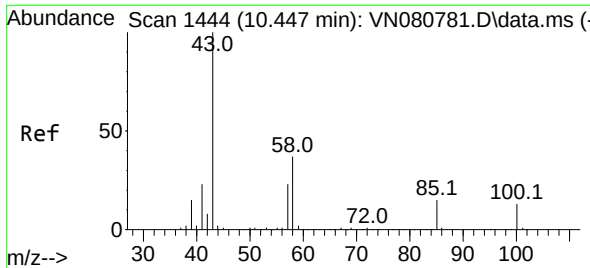
Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Tgt Ion: 98 Resp: 275632

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





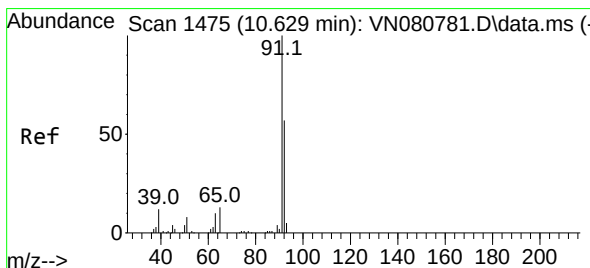
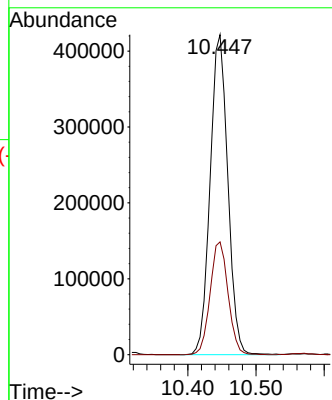
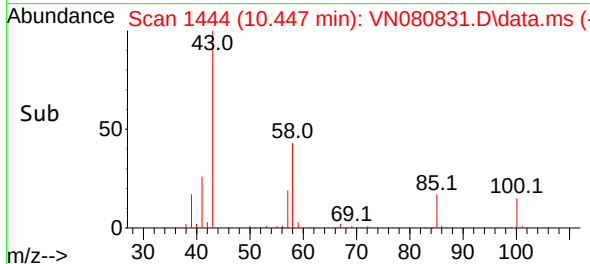
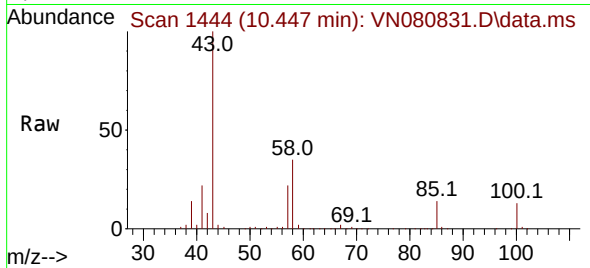
#51
4-Methyl-2-Pentanone
Concen: 248.530 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 760064
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.0

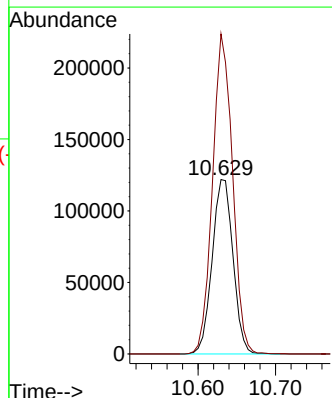
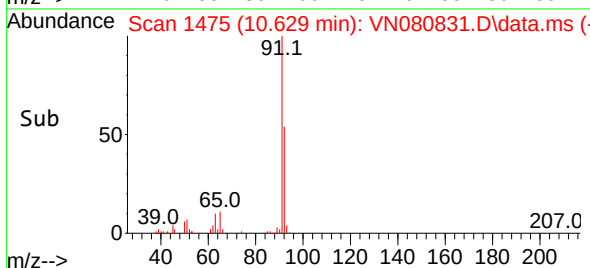
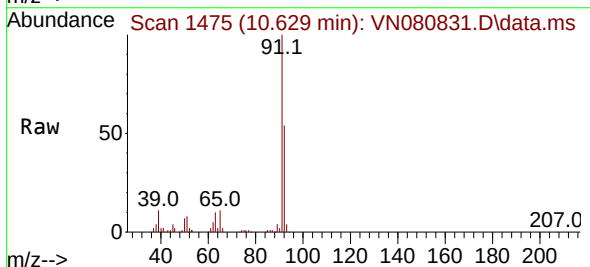
Manual Integrations
APPROVED

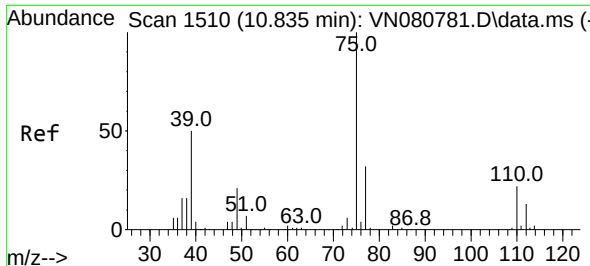
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 46.306 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

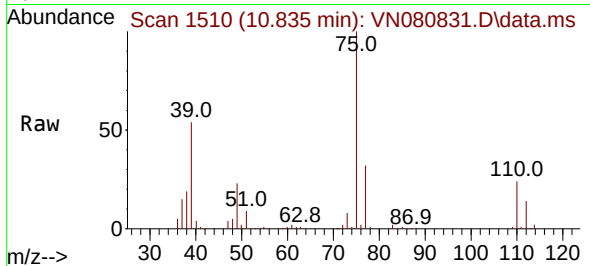
Tgt Ion: 92 Resp: 227772
Ion Ratio Lower Upper
92 100
91 176.3 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 49.080 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

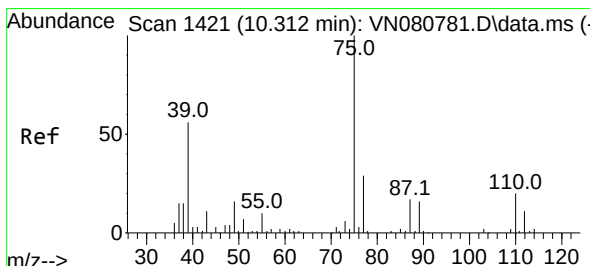
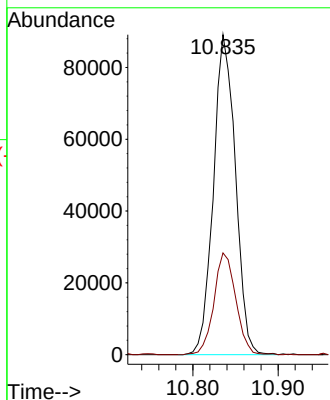
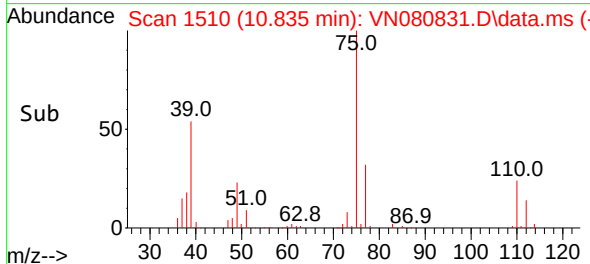
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



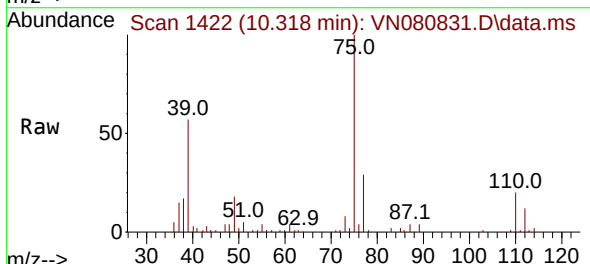
Tgt Ion: 75 Resp: 15976
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3

Manual Integrations
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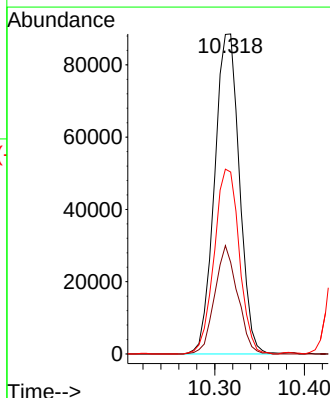
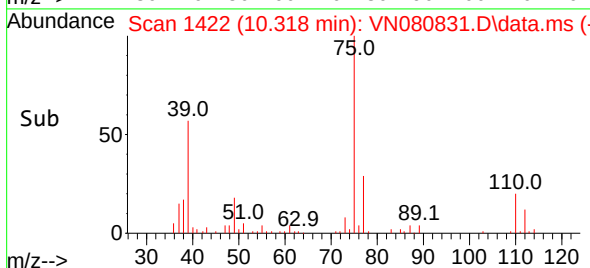
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

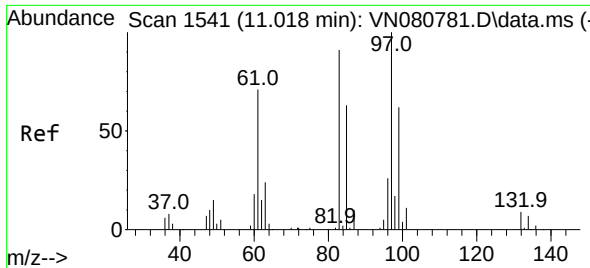


#54
cis-1,3-Dichloropropene
Concen: 48.126 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



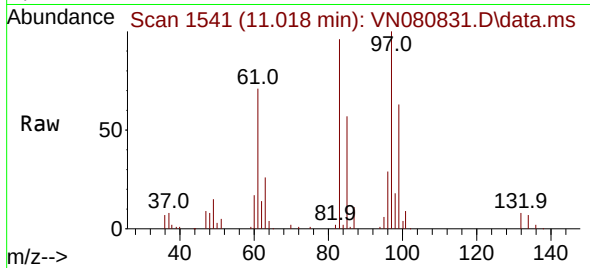
Tgt Ion: 75 Resp: 170355
Ion Ratio Lower Upper
75 100
77 28.6 23.3 34.9
39 56.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 46.342 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

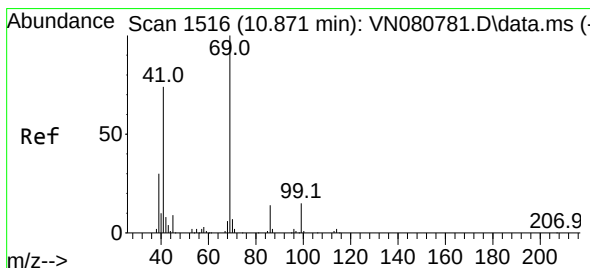
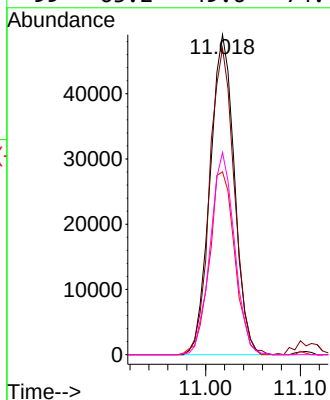
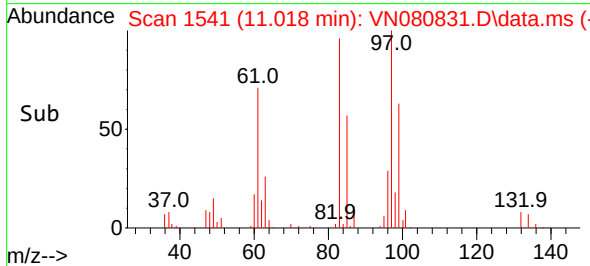
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



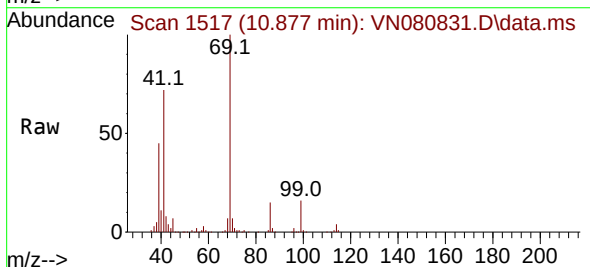
Tgt Ion: 97 Resp: 87608
Ion Ratio Lower Upper
97 100
83 95.8 72.9 109.3
85 57.1 50.2 75.2
99 63.2 49.6 74.4

Manual Integrations
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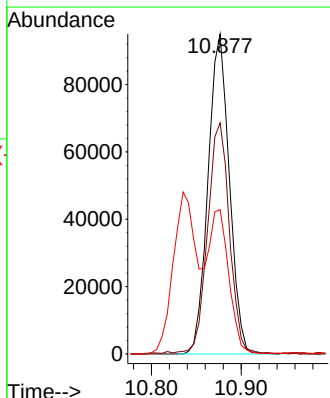
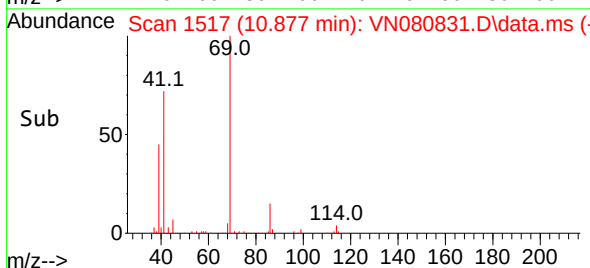
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

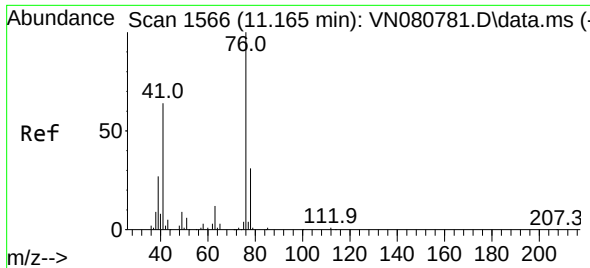


#56
Ethyl methacrylate
Concen: 53.839 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



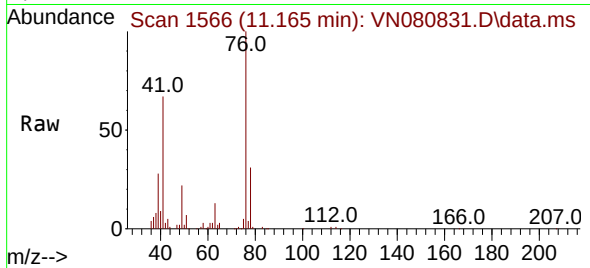
Tgt Ion: 69 Resp: 156458
Ion Ratio Lower Upper
69 100
41 74.4 61.0 91.6
39 40.8 31.8 47.6





#57
1,3-Dichloropropane
Concen: 47.755 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

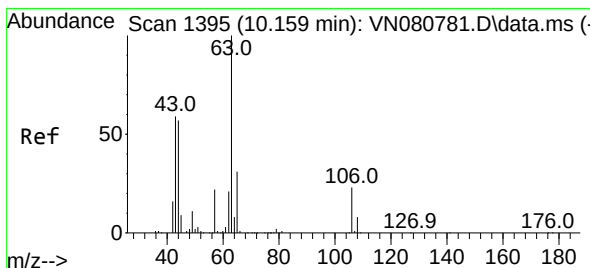
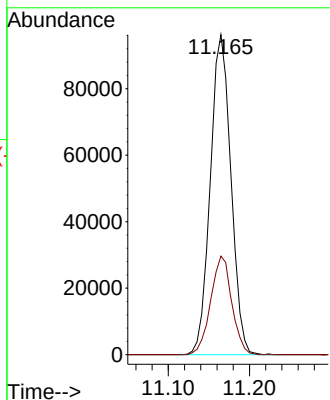
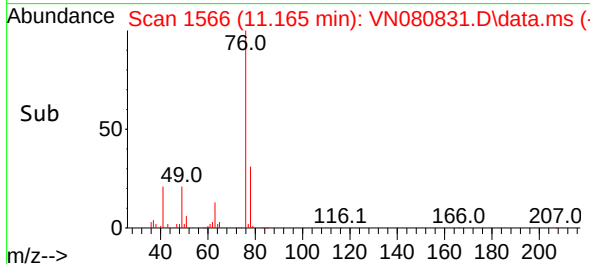
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 169890
Ion Ratio Lower Upper
76 100
78 31.5 25.5 38.3

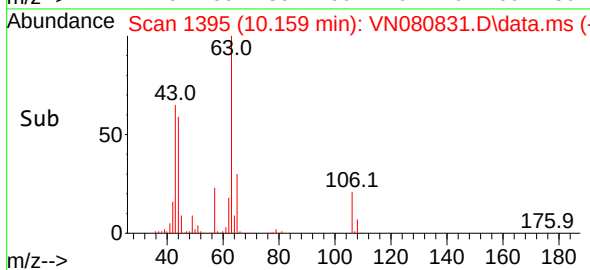
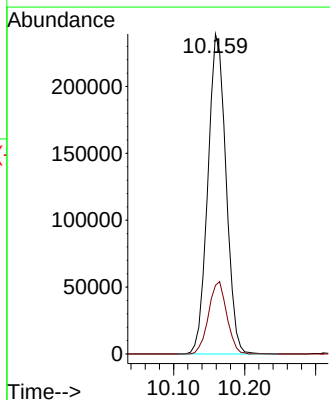
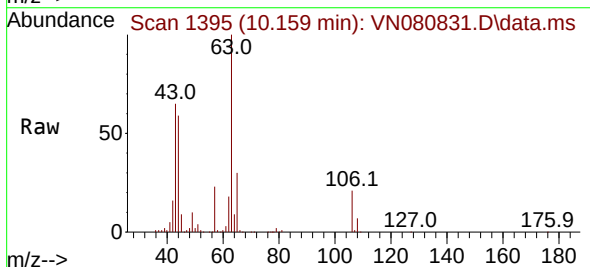
Manual Integrations
APPROVED

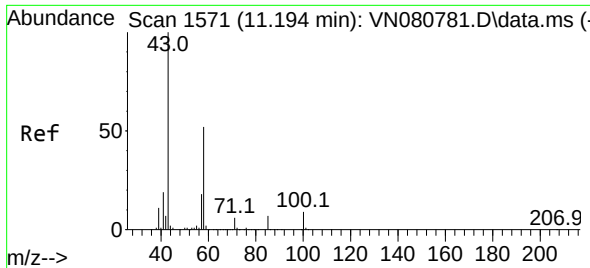
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 250.621 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

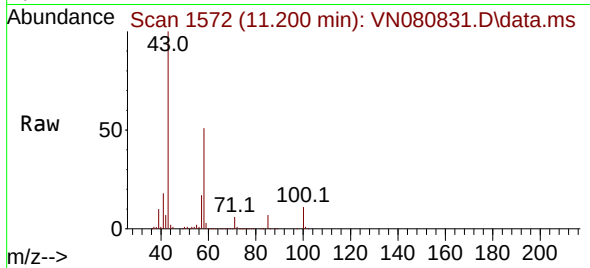
Tgt Ion: 63 Resp: 424576
Ion Ratio Lower Upper
63 100
106 22.7 18.6 28.0





#59
2-Hexanone
Concen: 235.494 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

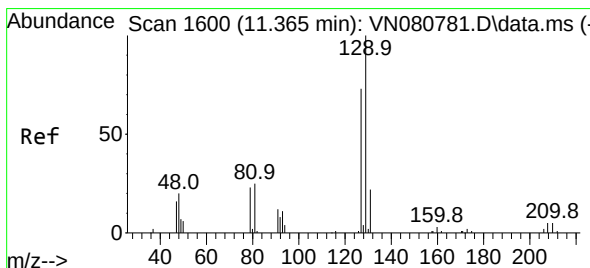
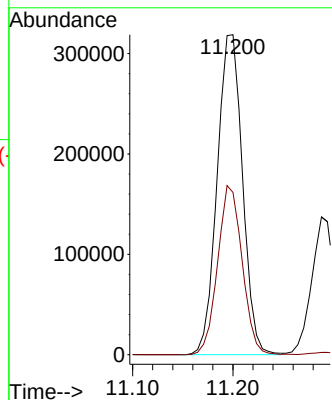
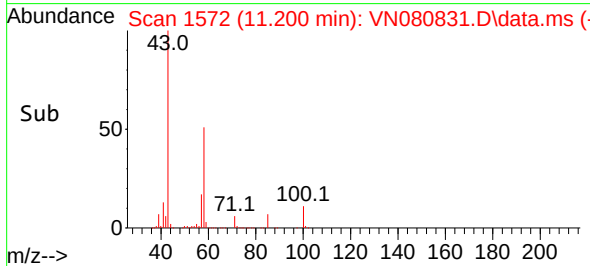
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 559428
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8

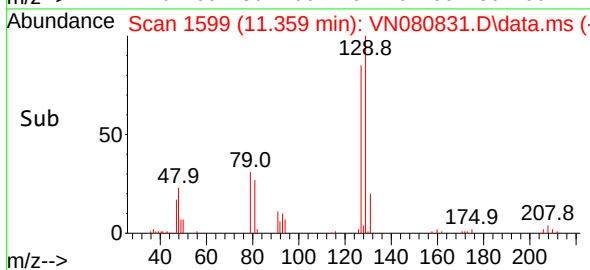
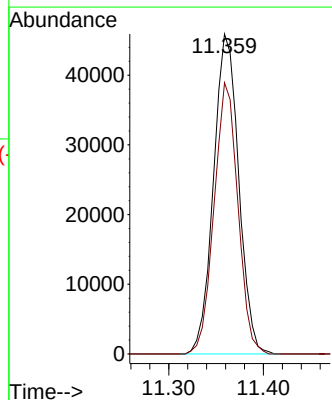
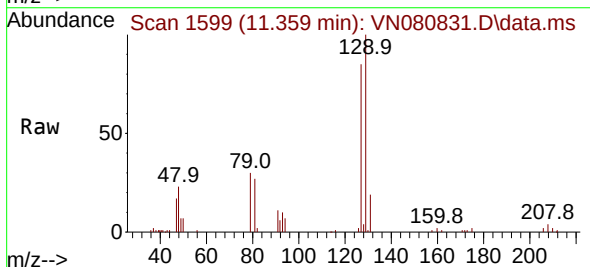
Manual Integrations
APPROVED

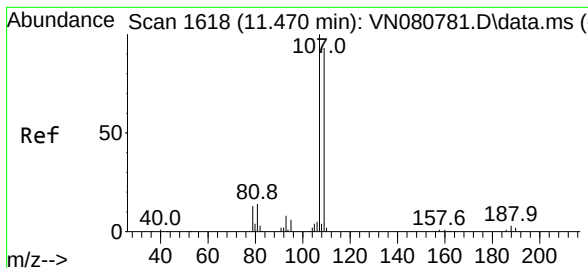
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#60
Dibromochloromethane
Concen: 48.279 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:129 Resp: 84891
Ion Ratio Lower Upper
129 100
127 80.1 39.4 118.2





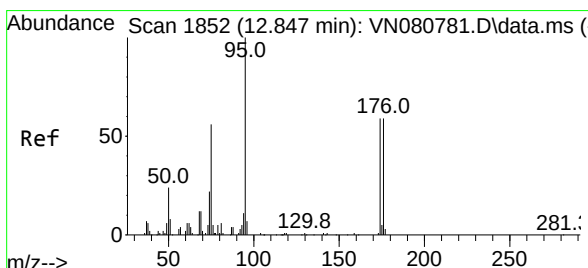
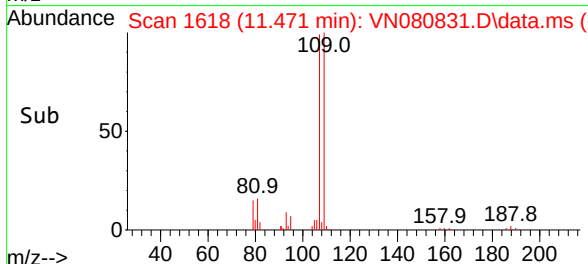
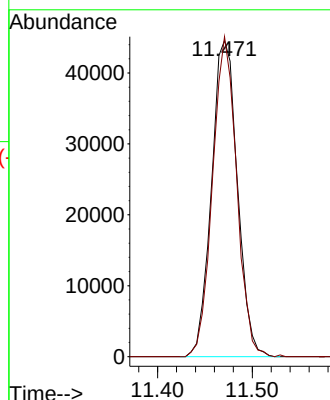
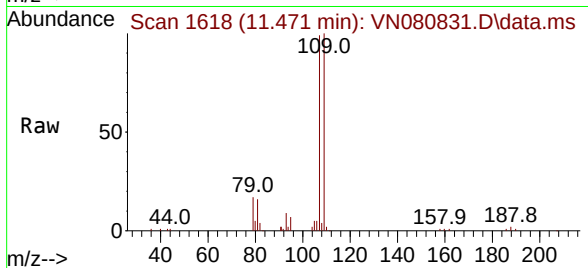
#61
1,2-Dibromoethane
Concen: 47.729 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 84559
Ion Ratio Lower Upper
107 100
109 94.5 73.4 110.2

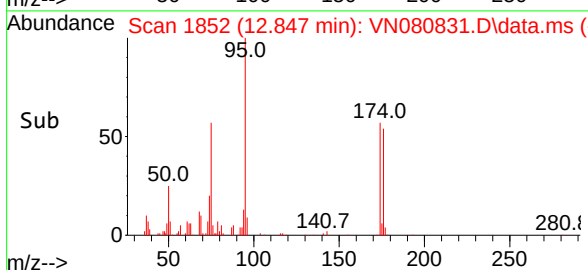
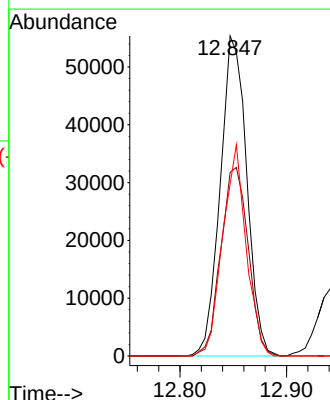
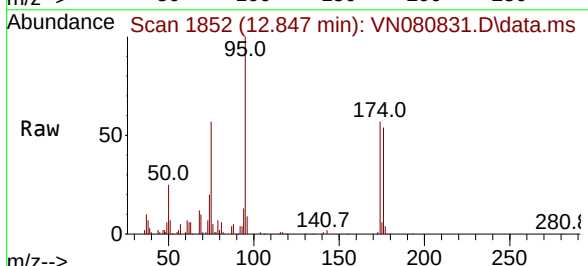
Manual Integrations
APPROVED

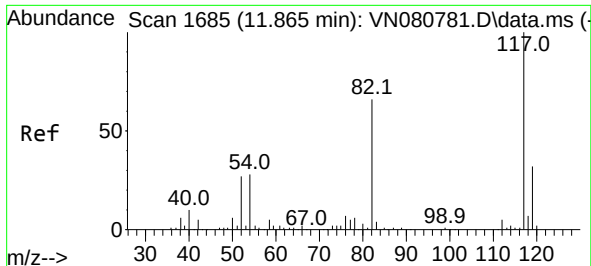
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#62
4-Bromofluorobenzene
Concen: 44.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

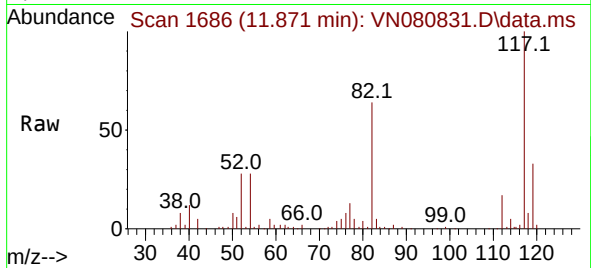
Tgt Ion: 95 Resp: 95529
Ion Ratio Lower Upper
95 100
174 61.2 0.0 120.4
176 58.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

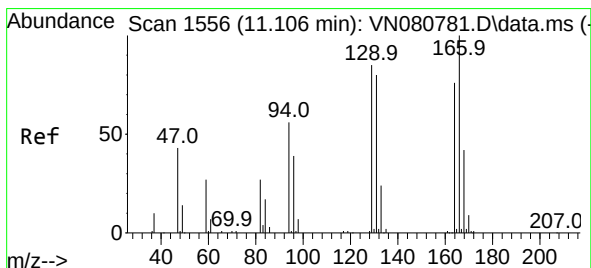
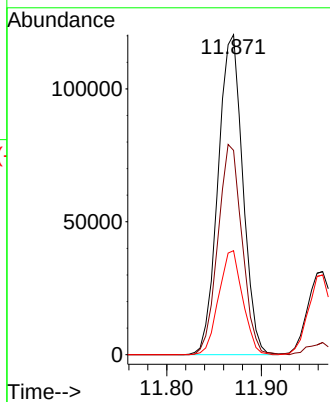
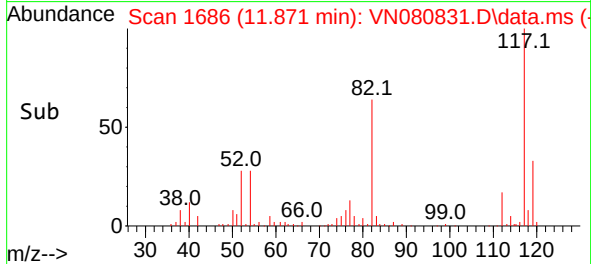
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 218374
Ion Ratio Lower Upper
117 100
82 63.8 52.7 79.1
119 32.5 25.3 37.9

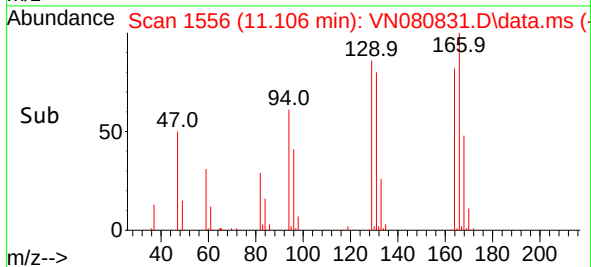
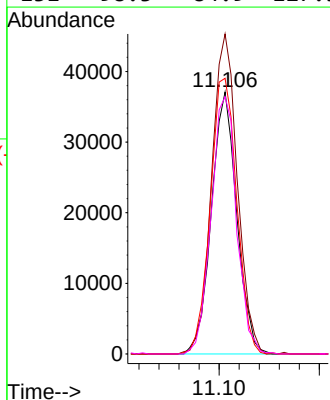
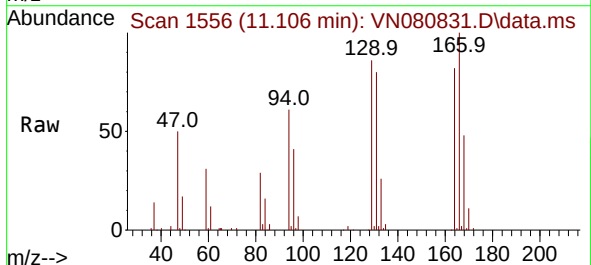
Manual Integrations
APPROVED

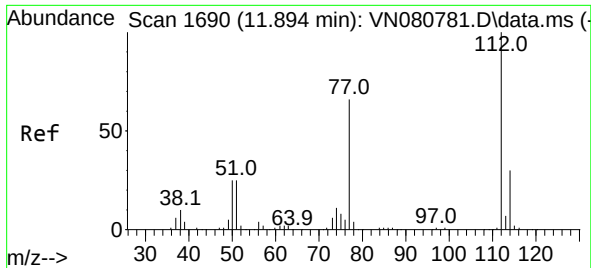
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#64
Tetrachloroethene
Concen: 45.331 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

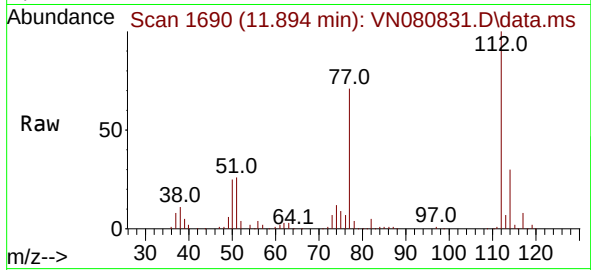
Tgt Ion:164 Resp: 65066
Ion Ratio Lower Upper
164 100
166 122.2 105.8 158.6
129 105.3 89.6 134.4
131 98.3 84.9 127.3





#65
Chlorobenzene
Concen: 46.077 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

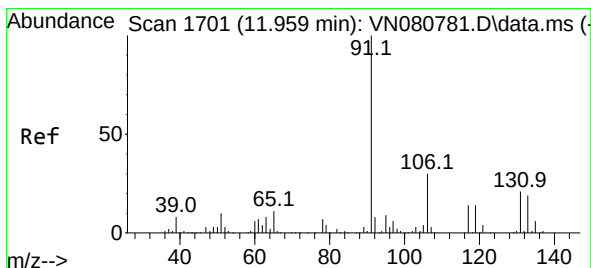
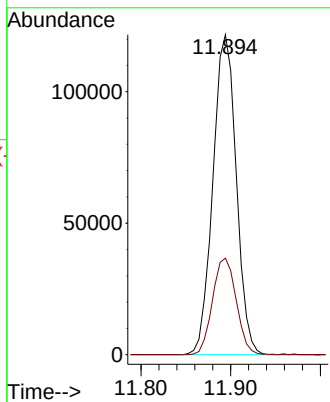
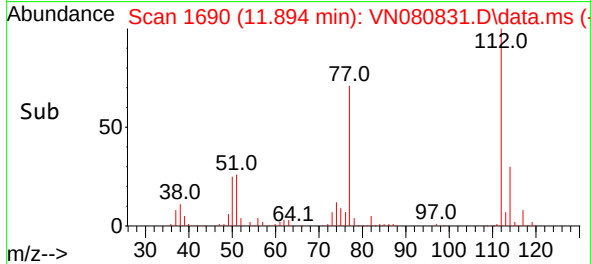
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 21960
Ion Ratio Lower Upper
112 100
114 30.1 23.7 35.5

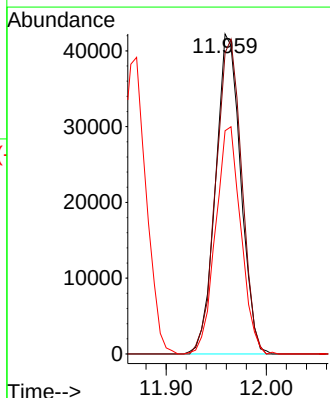
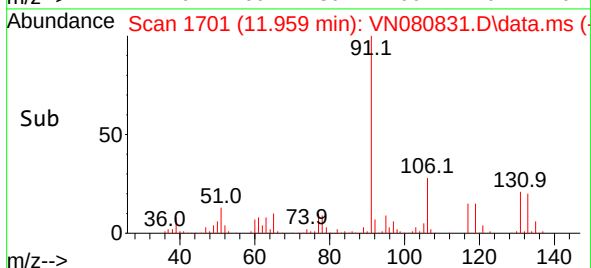
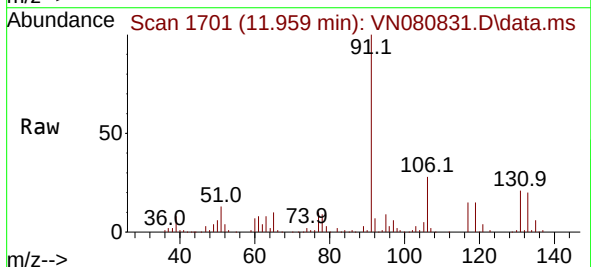
Manual Integrations
APPROVED

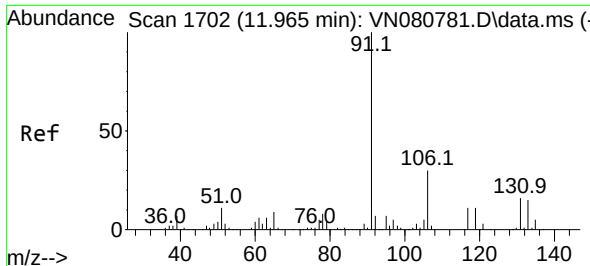
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.526 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:131 Resp: 73657
Ion Ratio Lower Upper
131 100
133 100.9 46.8 140.3
119 71.6 34.6 103.9





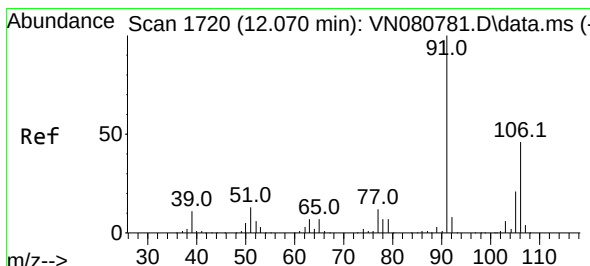
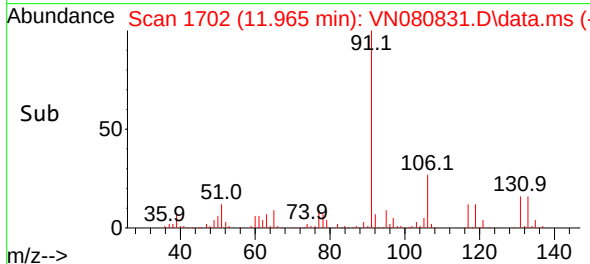
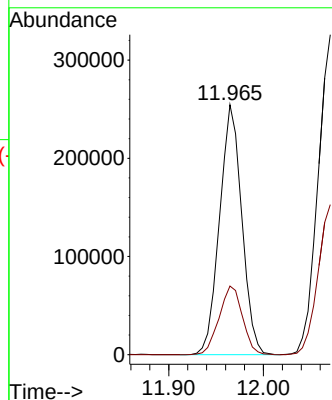
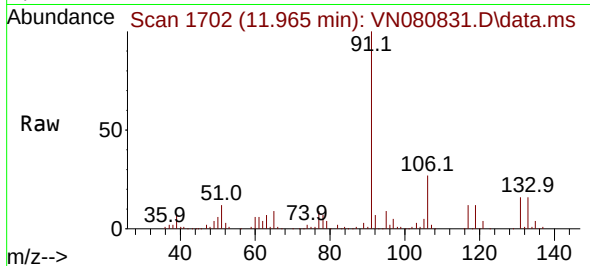
#67
Ethyl Benzene
Concen: 46.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41602
Ion Ratio Lower Upper
91 100
106 27.5 23.8 35.6

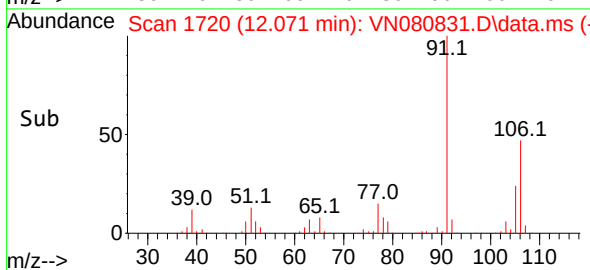
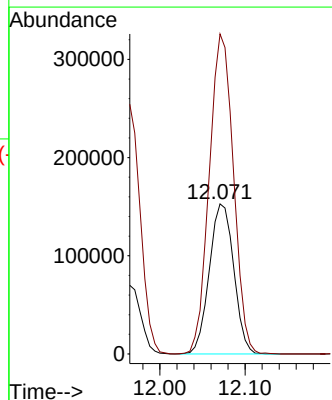
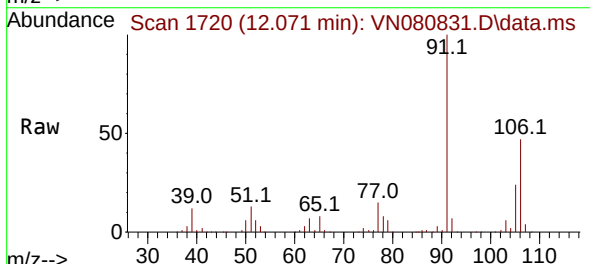
Manual Integrations
APPROVED

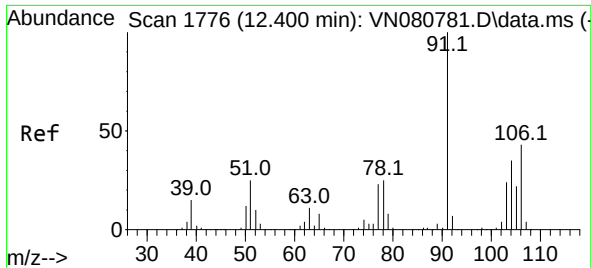
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 96.778 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:106 Resp: 304449
Ion Ratio Lower Upper
106 100
91 211.4 169.0 253.6





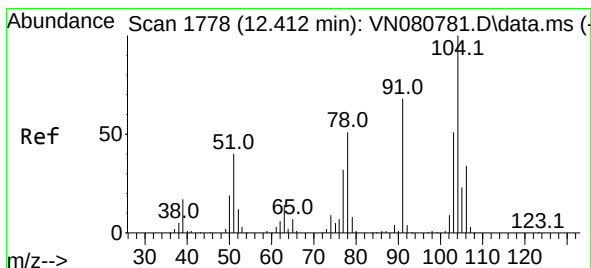
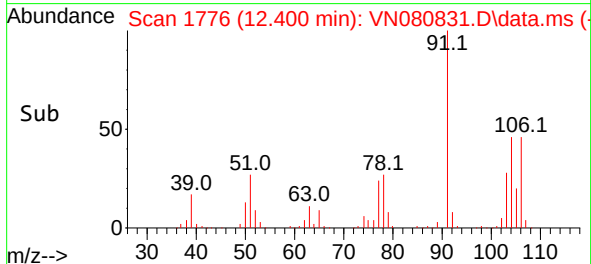
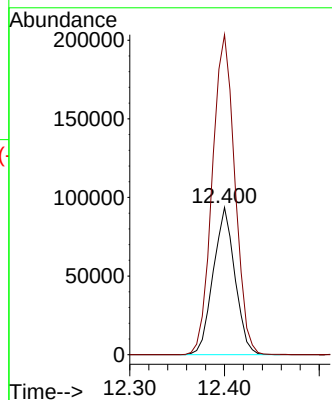
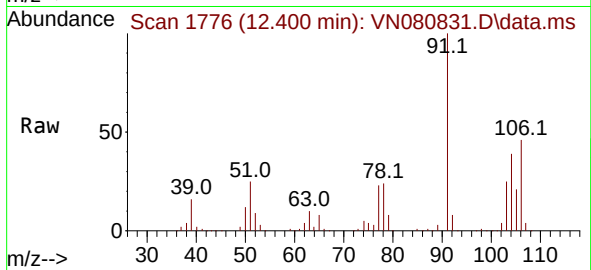
#69
o-Xylene
Concen: 47.766 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 149310
Ion Ratio Lower Upper
106 100
91 226.3 112.1 336.3

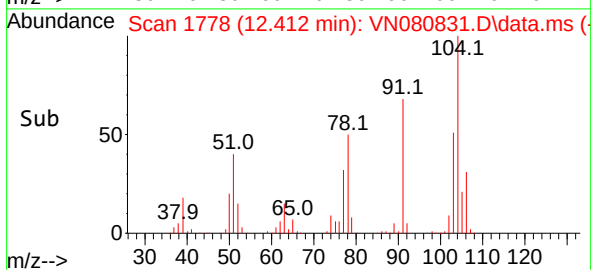
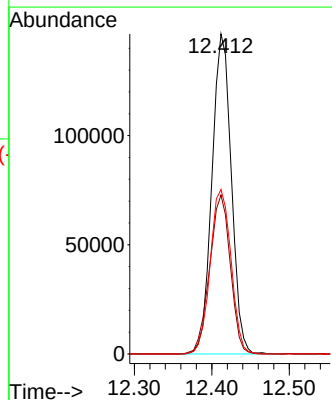
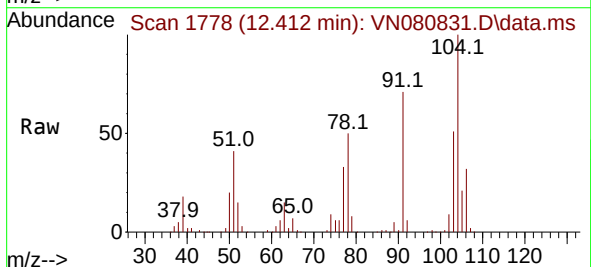
Manual Integrations
APPROVED

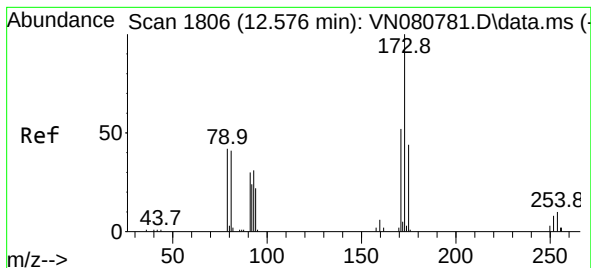
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#70
Styrene
Concen: 50.657 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:104 Resp: 254307
Ion Ratio Lower Upper
104 100
78 53.2 43.8 65.8
103 55.3 44.2 66.2





#71

Bromoform

Concen: 49.269 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 51630

Ion Ratio Lower Upper

173 100

175 46.3 23.1 69.2

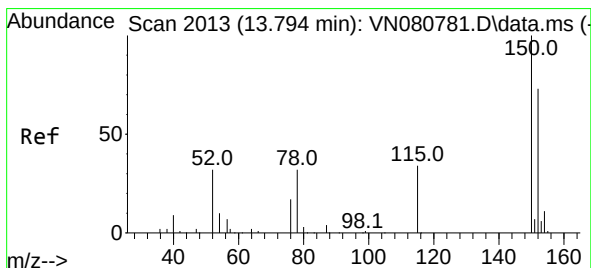
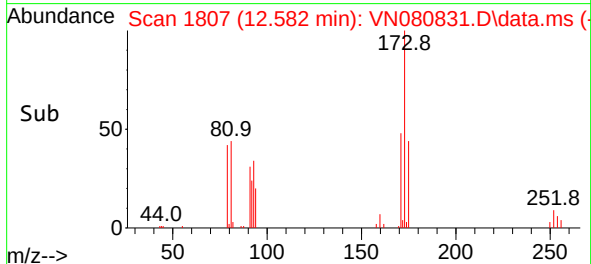
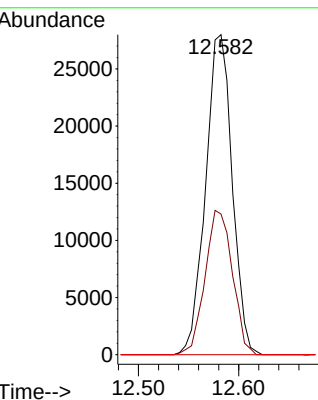
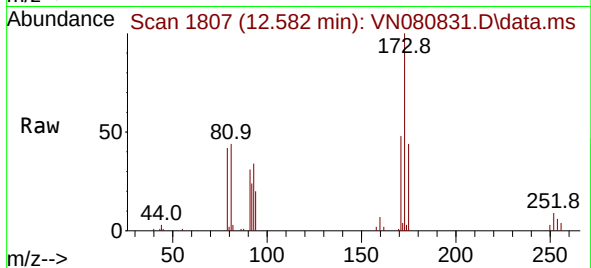
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

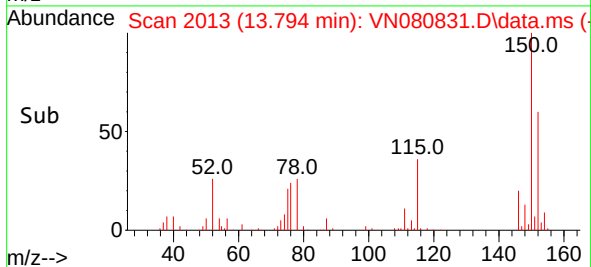
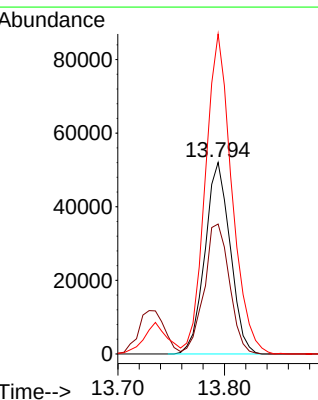
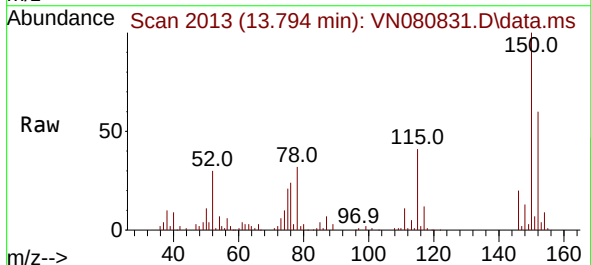
Tgt Ion:152 Resp: 85418

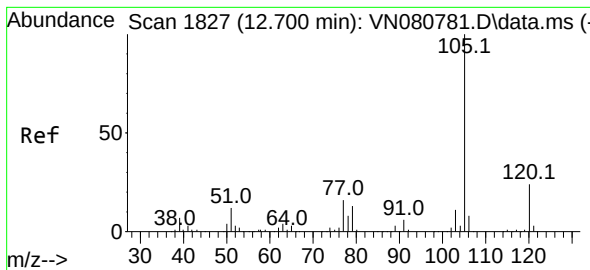
Ion Ratio Lower Upper

152 100

115 68.0 32.3 96.8

150 175.7 0.0 339.8





#73

Isopropylbenzene

Concen: 46.244 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 361730

Ion Ratio Lower Upper

105 100

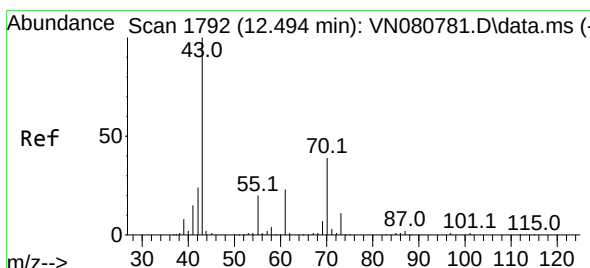
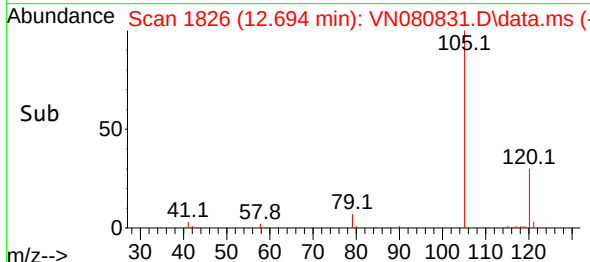
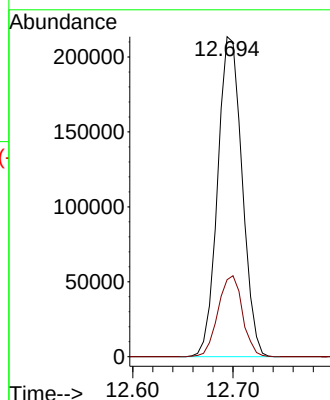
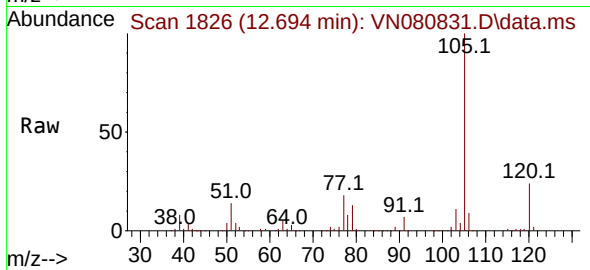
120 25.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#74

N-ethyl acetate

Concen: 48.411 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Tgt Ion: 43 Resp: 235113

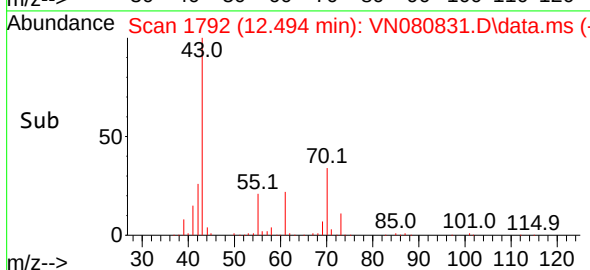
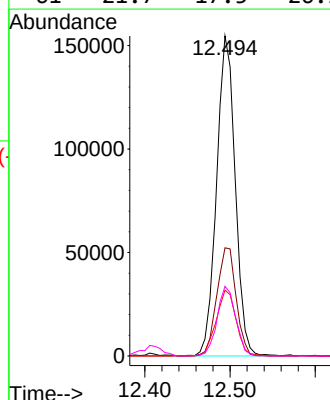
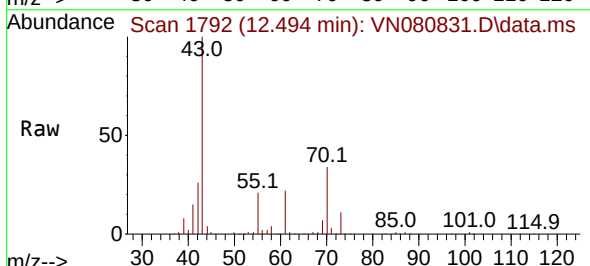
Ion Ratio Lower Upper

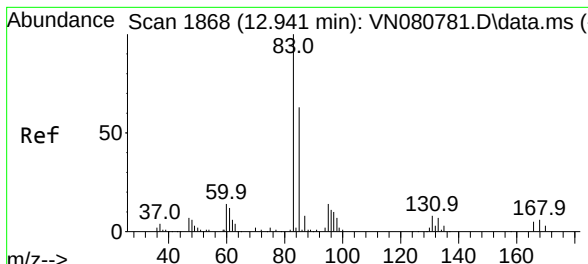
43 100

70 35.1 30.1 45.1

55 21.9 17.0 25.4

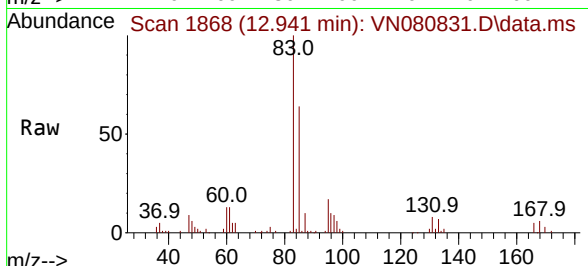
61 21.7 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.340 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

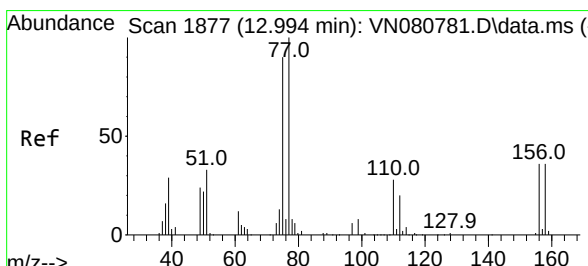
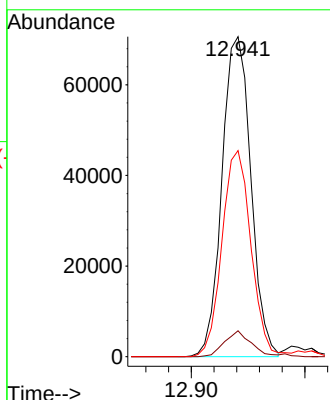
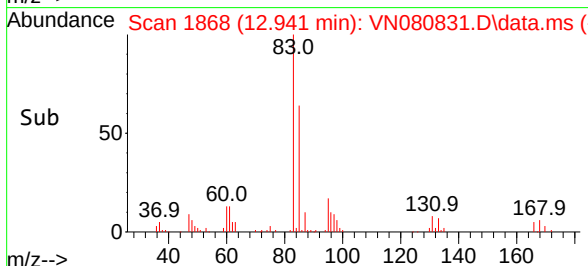
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 12475
 Ion Ratio Lower Upper
 83 100
 131 7.8 4.1 12.3
 85 64.8 32.1 96.3

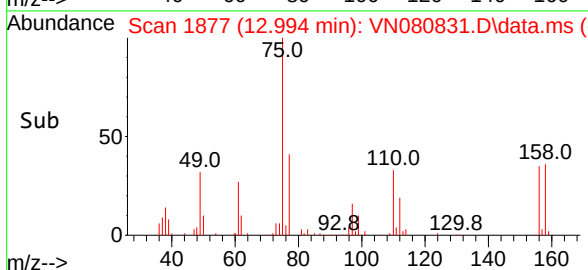
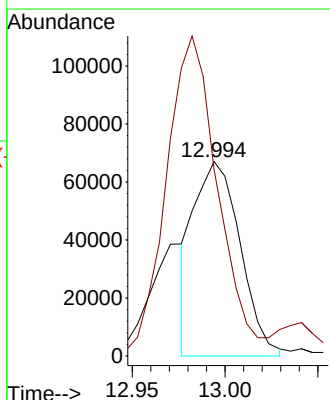
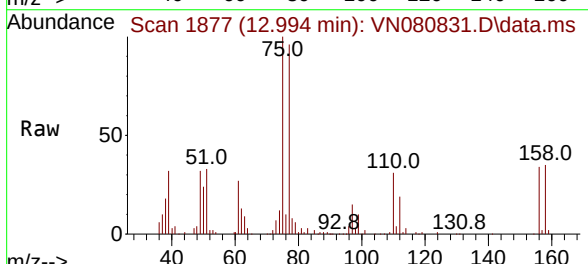
Manual Integrations
 APPROVED

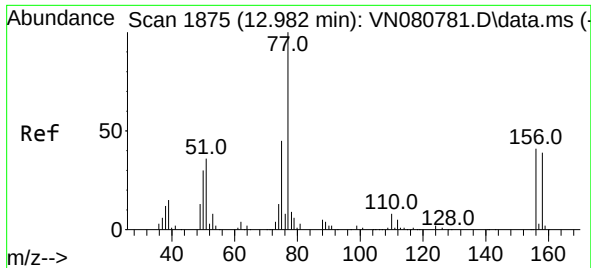
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#76
 1,2,3-Trichloropropane
 Concen: 45.217 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

Tgt Ion: 75 Resp: 116489
 Ion Ratio Lower Upper
 75 100
 77 181.6 91.0 272.8





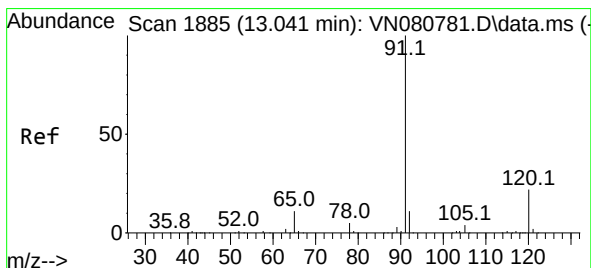
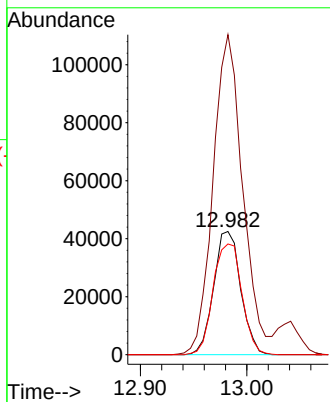
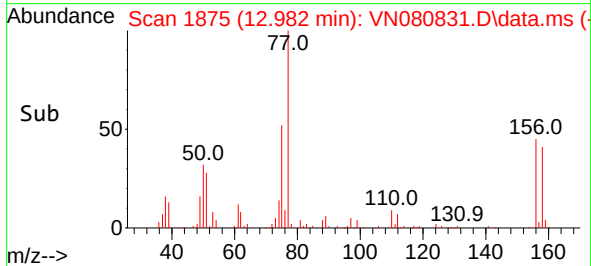
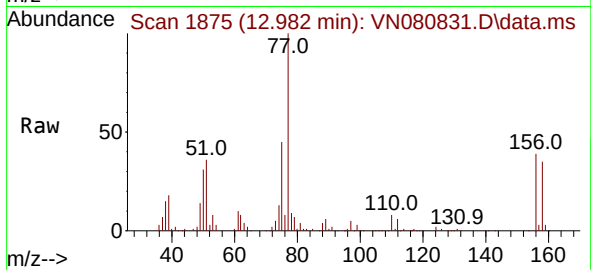
#77
Bromobenzene
Concen: 44.833 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 7496
Ion Ratio Lower Upper
156 100
77 282.2 138.1 414.3
158 95.4 46.5 139.5

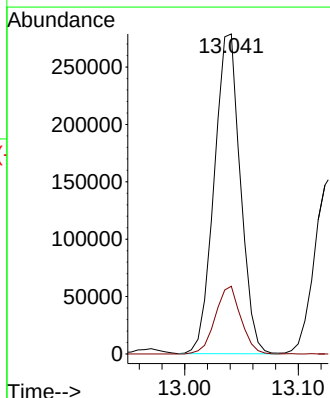
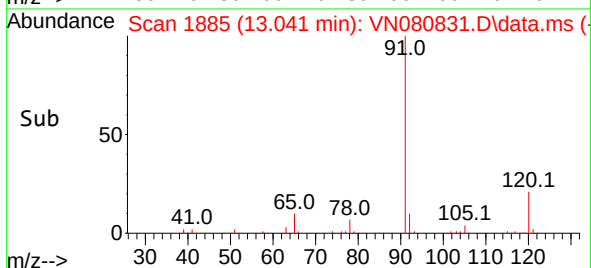
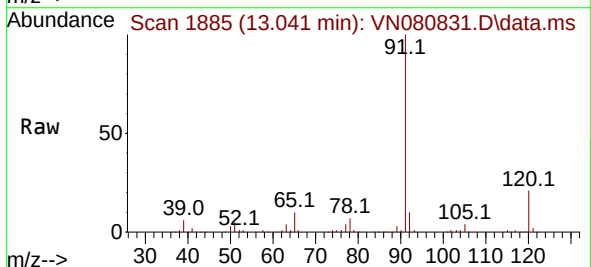
Manual Integrations
APPROVED

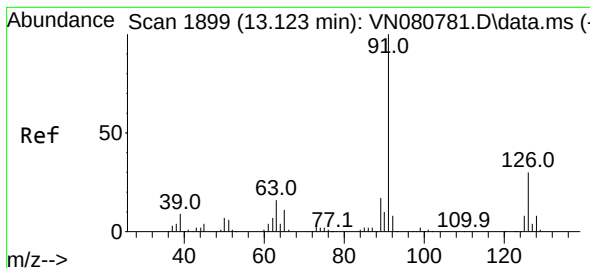
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#78
n-propylbenzene
Concen: 47.749 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 91 Resp: 446206
Ion Ratio Lower Upper
91 100
120 20.7 10.3 30.9





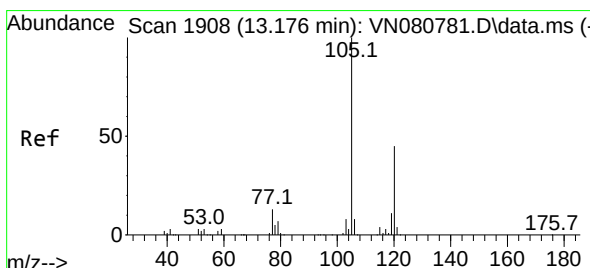
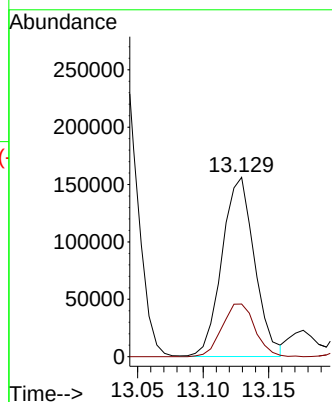
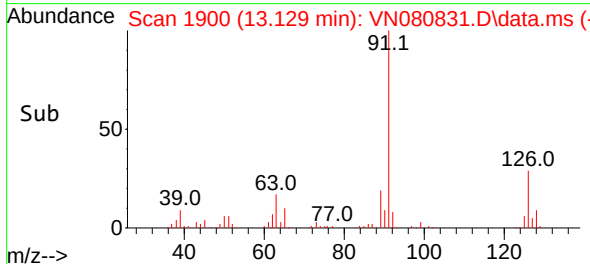
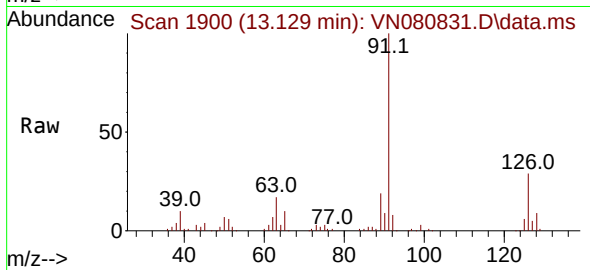
#79
2-Chlorotoluene
Concen: 45.462 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27002
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.4

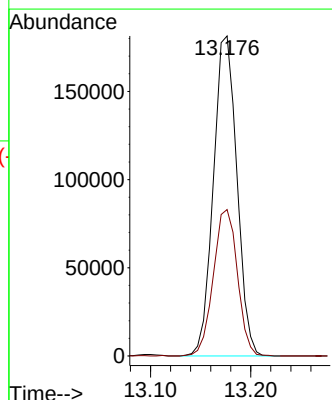
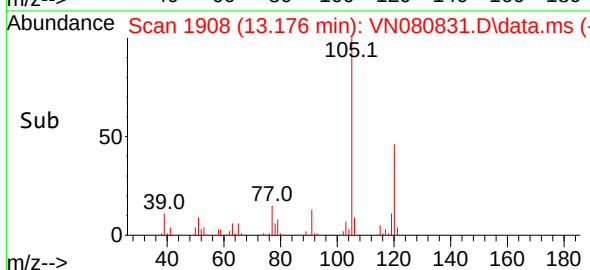
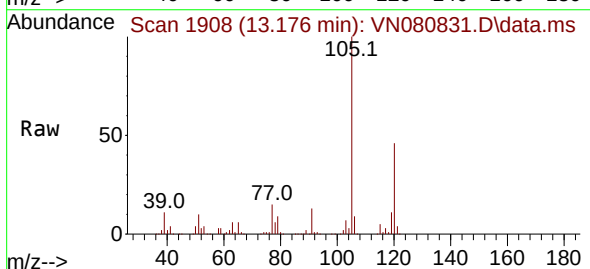
Manual Integrations
APPROVED

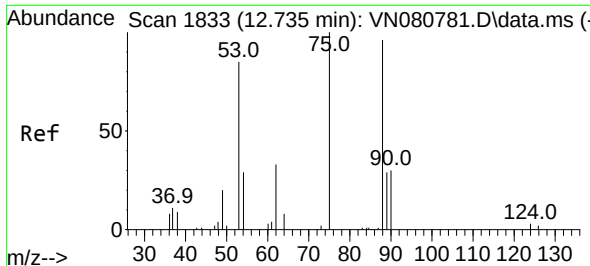
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.468 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

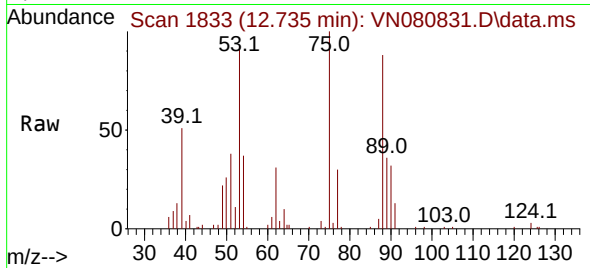
Tgt Ion:105 Resp: 295706
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.682 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

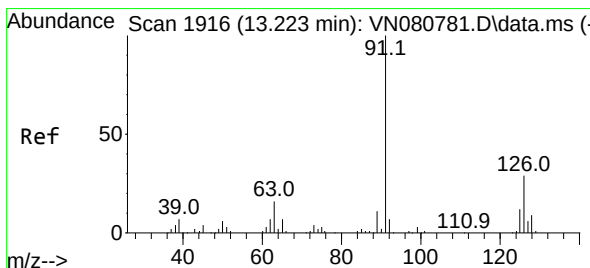
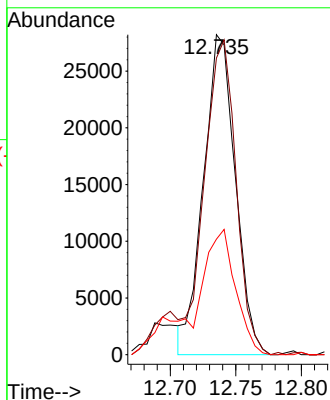
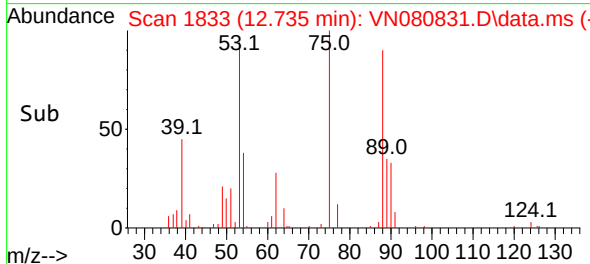
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



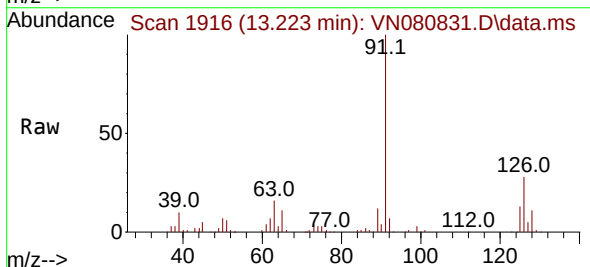
Tgt Ion: 75 Resp: 47683
Ion Ratio Lower Upper
75 100
53 98.4 71.4 107.2
89 37.6 33.4 50.0

Manual Integrations
APPROVED

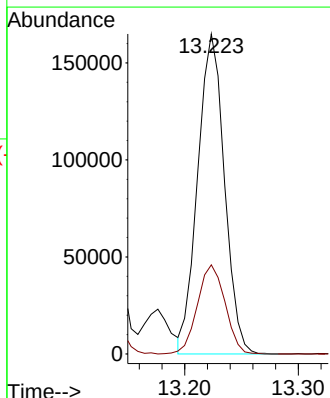
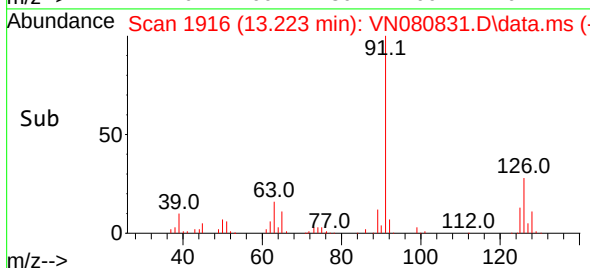
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

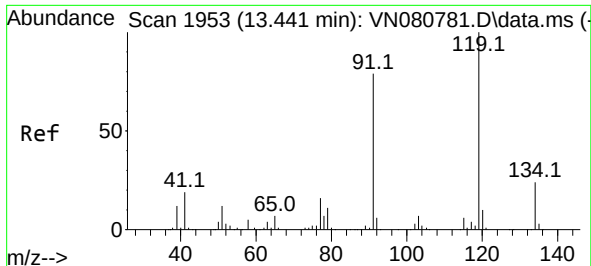


#82
4-Chlorotoluene
Concen: 45.876 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



Tgt Ion: 91 Resp: 269802
Ion Ratio Lower Upper
91 100
126 28.8 15.3 45.9





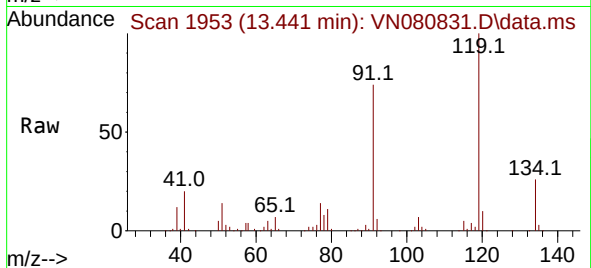
#83
tert-Butylbenzene
Concen: 46.676 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



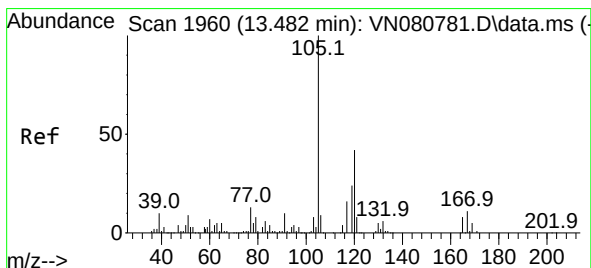
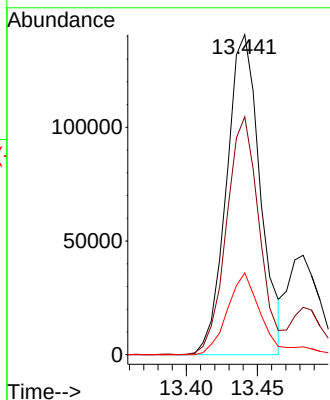
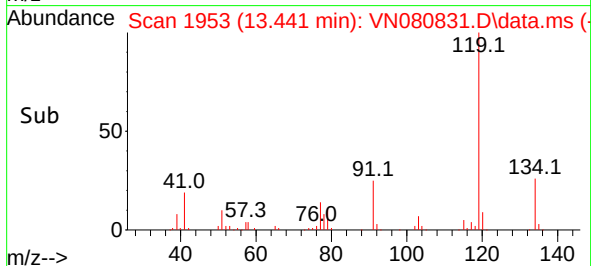
Tgt Ion:119 Resp: 23220
Ion Ratio Lower Upper
119 100
91 72.0 36.8 110.4
134 26.4 12.4 37.4

Manual Integrations

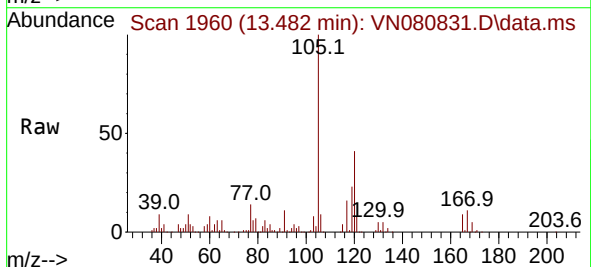
APPROVED

Reviewed By :John Carlone 02/01/2024

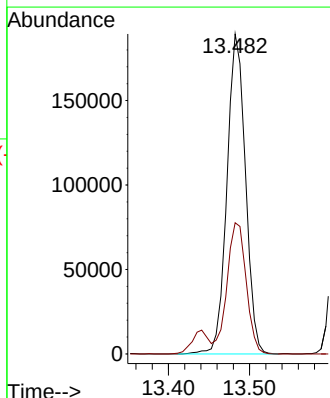
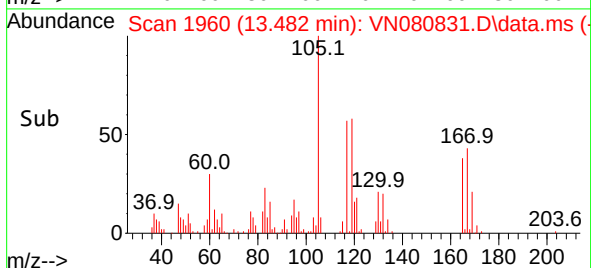
Supervised By :Mahesh Dadoda 02/01/2024

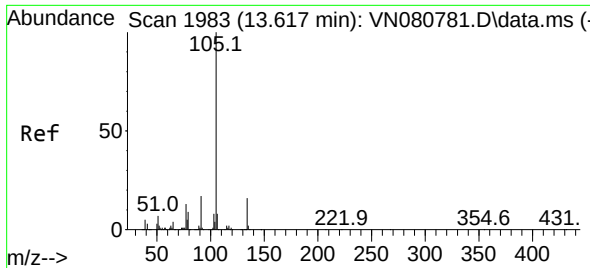


#84
1,2,4-Trimethylbenzene
Concen: 47.530 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14



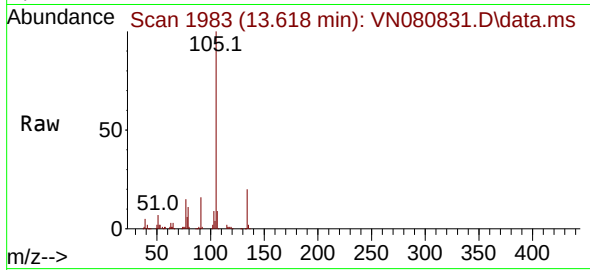
Tgt Ion:105 Resp: 299997
Ion Ratio Lower Upper
105 100
120 42.6 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 46.582 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

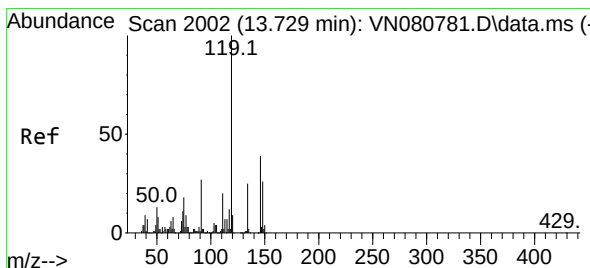
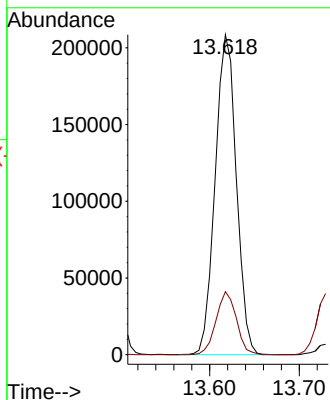
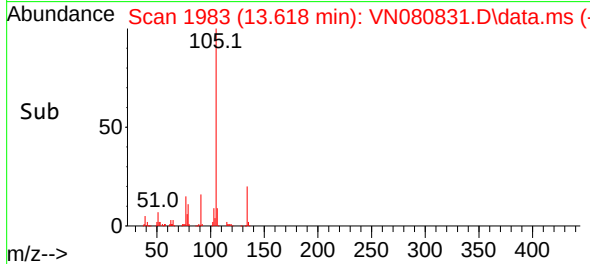
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



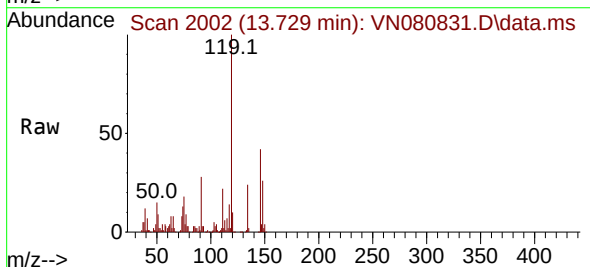
Tgt Ion:105 Resp: 341648
 Ion Ratio Lower Upper
 105 100
 134 18.9 8.6 25.8

Manual Integrations
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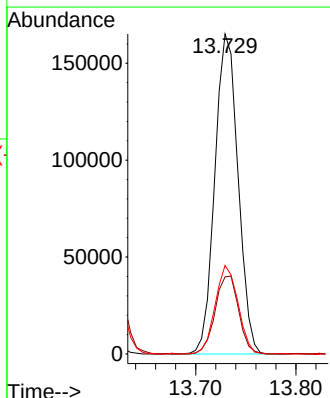
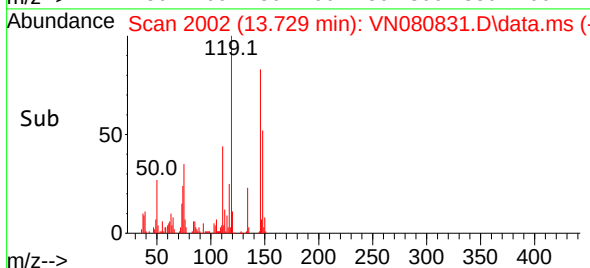
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

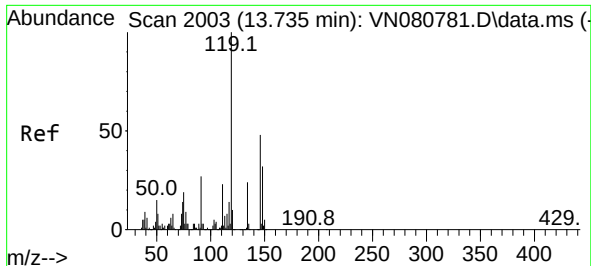


#86
 p-Isopropyltoluene
 Concen: 46.483 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14



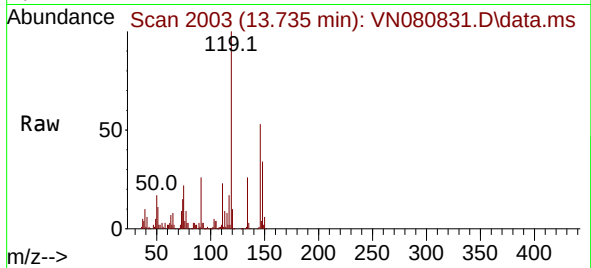
Tgt Ion:119 Resp: 264932
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.4 37.2
 91 27.2 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 44.662 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

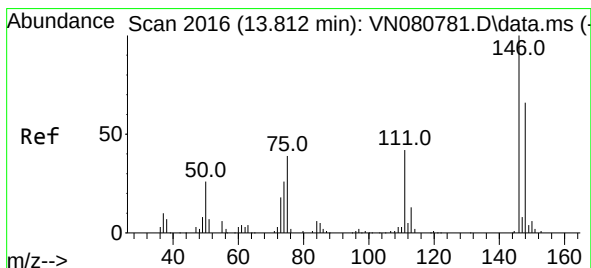
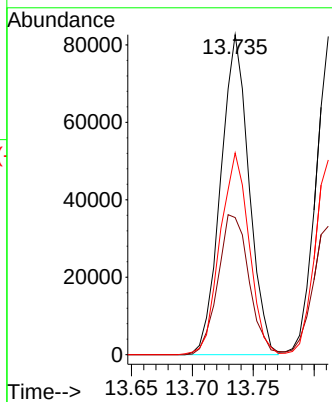
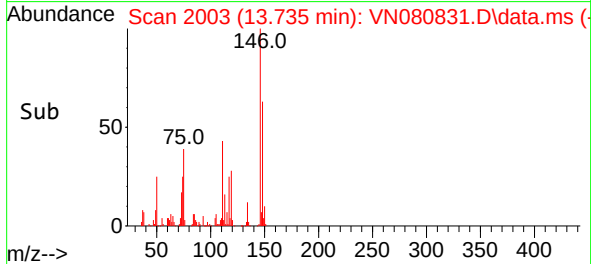
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 133570
 Ion Ratio Lower Upper
 146 100
 111 48.0 23.9 71.7
 148 64.5 32.6 97.7

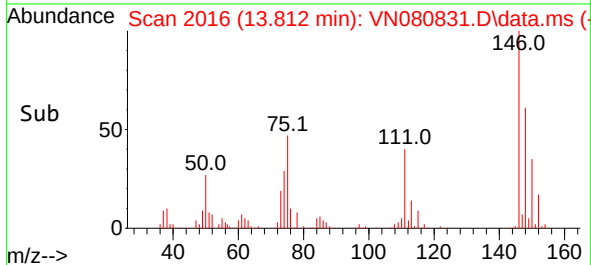
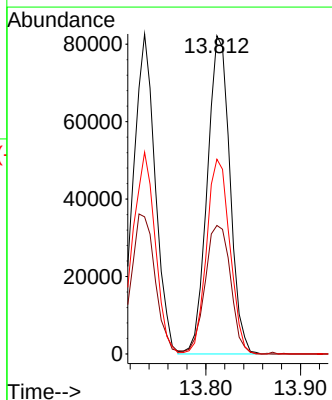
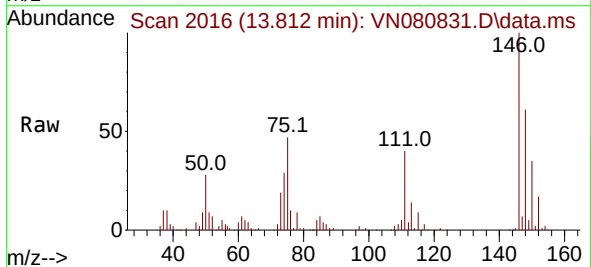
Manual Integrations
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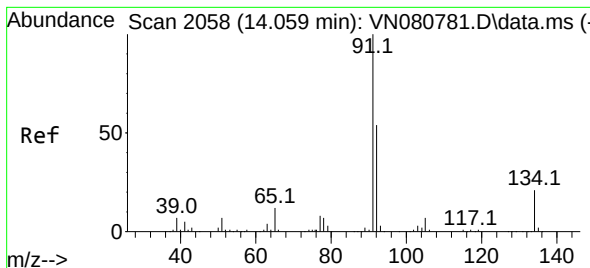
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#88
 1,4-Dichlorobenzene
 Concen: 45.535 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080831.D
 Acq: 31 Jan 2024 11:14

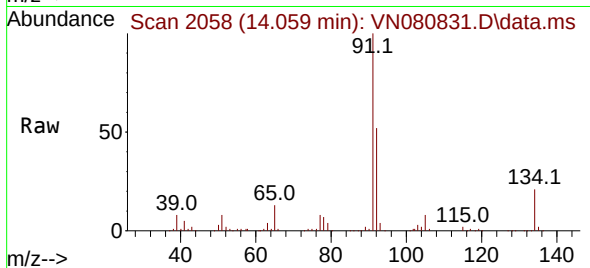
Tgt Ion:146 Resp: 136538
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.6 67.7
 148 62.9 31.9 95.5





#89
n-Butylbenzene
Concen: 48.207 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

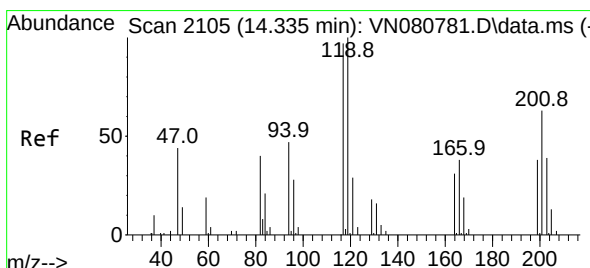
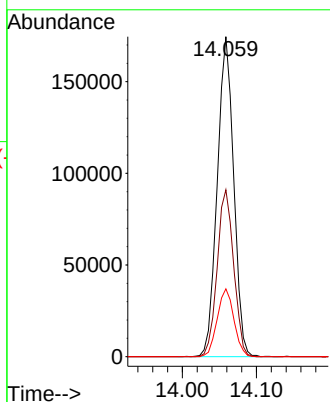
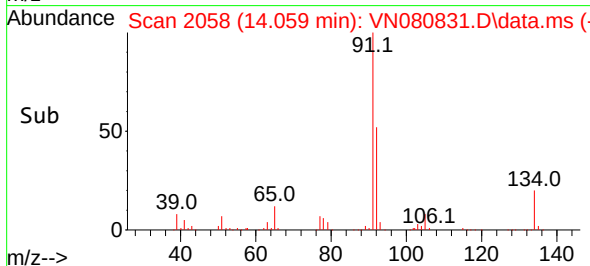
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 26887
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 21.6 10.8 32.4

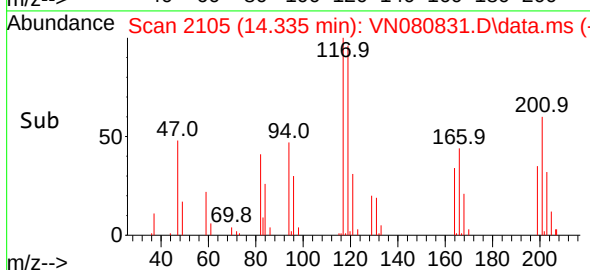
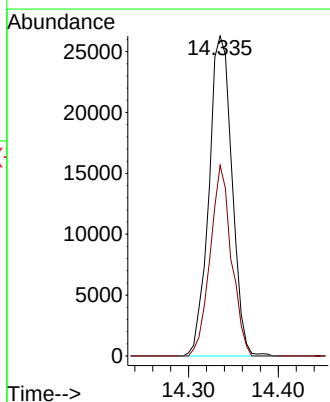
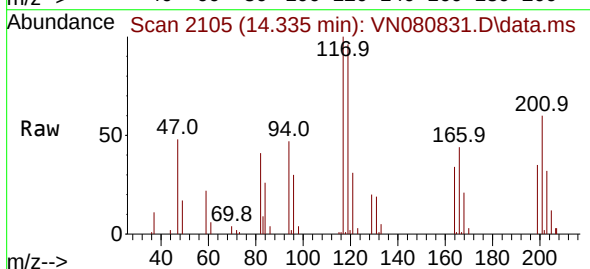
Manual Integrations
APPROVED

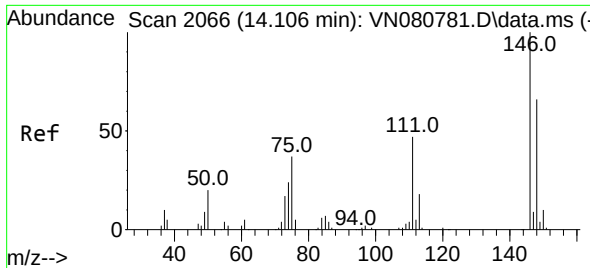
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#90
Hexachloroethane
Concen: 47.092 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:117 Resp: 46965
Ion Ratio Lower Upper
117 100
201 54.9 30.0 90.0





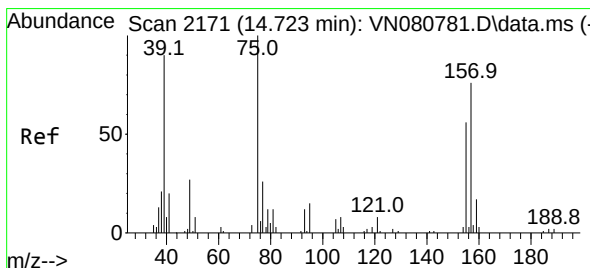
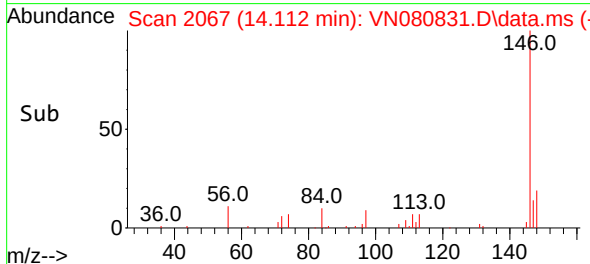
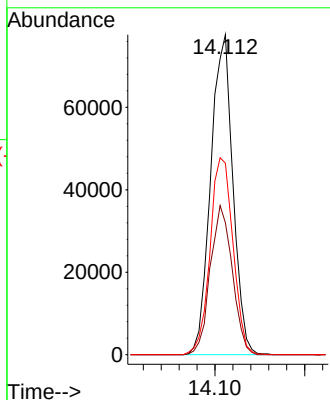
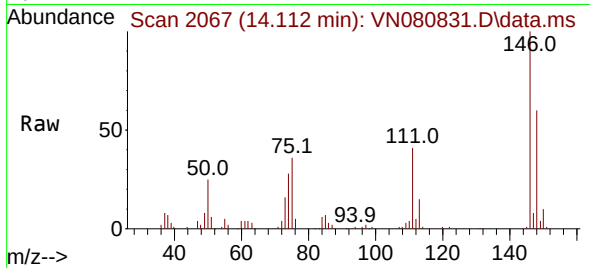
#91
1,2-Dichlorobenzene
Concen: 48.592 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 133010
Ion Ratio Lower Upper
146 100
111 46.3 23.9 71.8
148 63.9 31.4 94.0

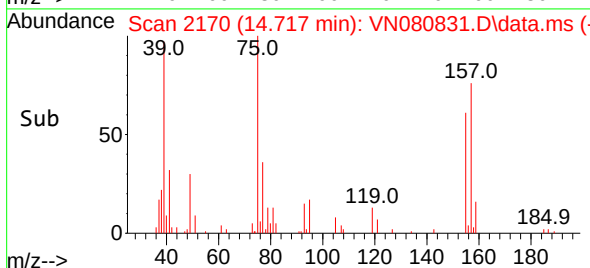
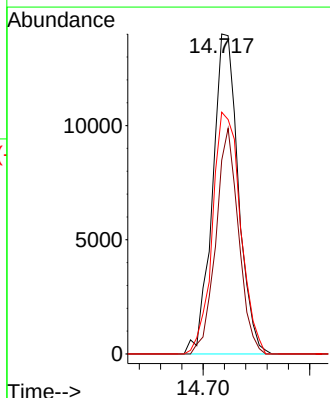
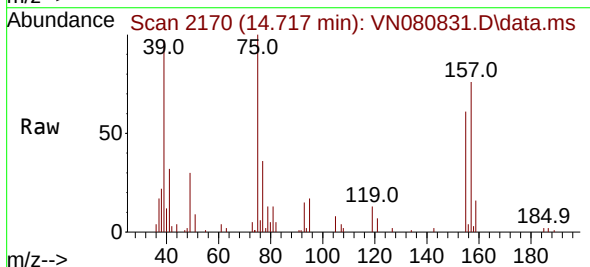
Manual Integrations
APPROVED

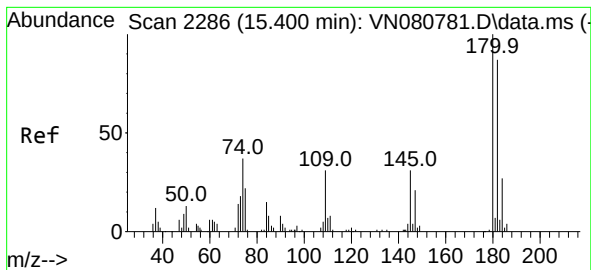
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.788 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion: 75 Resp: 23549
Ion Ratio Lower Upper
75 100
155 62.0 31.8 95.4
157 82.1 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 47.122 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

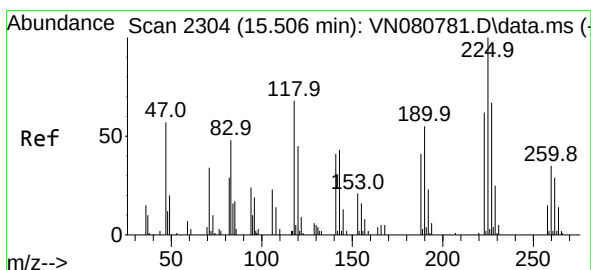
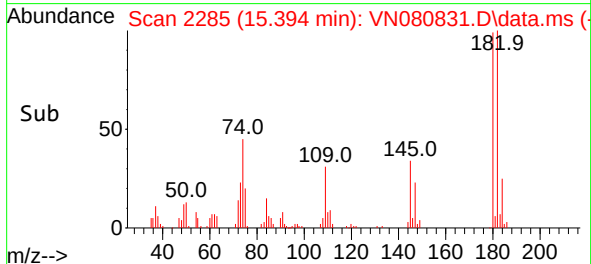
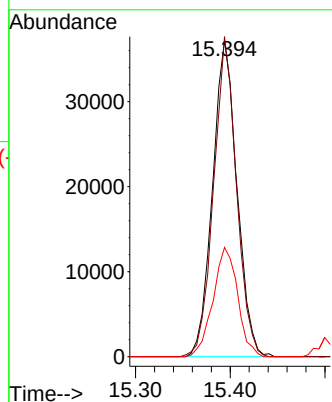
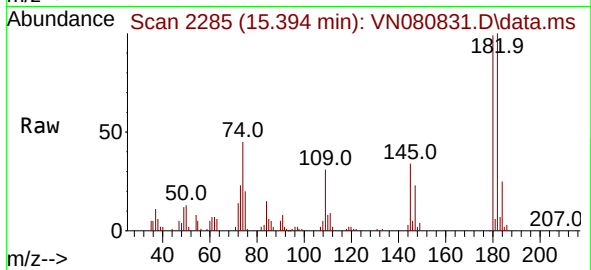
Tgt Ion:180	Resp:	66392
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.6 139.7
145	35.0	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#94

Hexachlorobutadiene

Concen: 42.701 ug/l

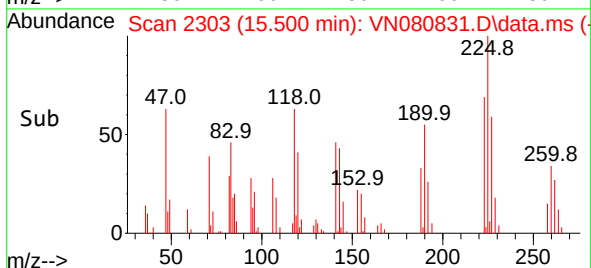
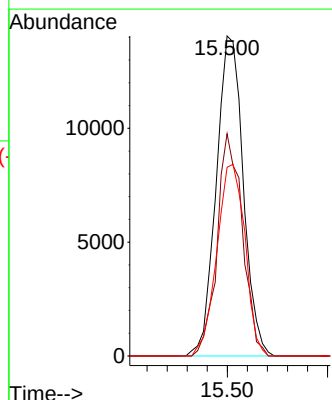
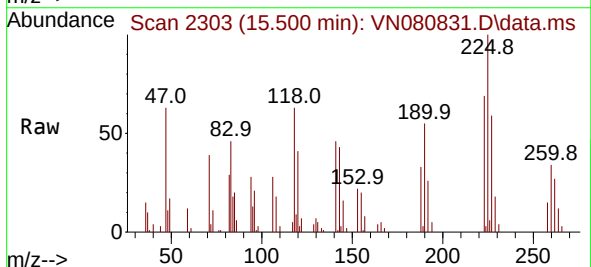
RT: 15.500 min Scan# 2303

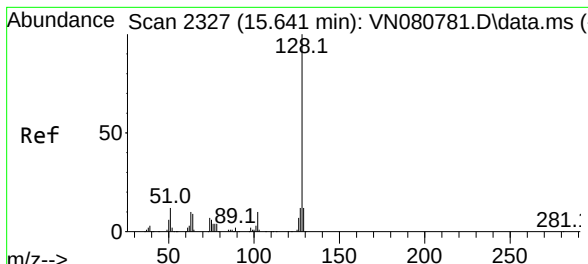
Delta R.T. -0.006 min

Lab File: VN080831.D

Acq: 31 Jan 2024 11:14

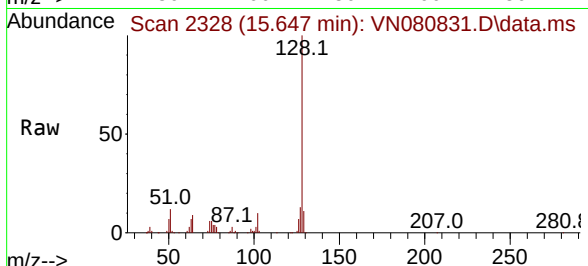
Tgt Ion:225	Resp:	26284
Ion Ratio	Lower	Upper
225	100	
223	64.6	33.3 99.8
227	62.3	33.1 99.2





#95
Naphthalene
Concen: 45.744 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

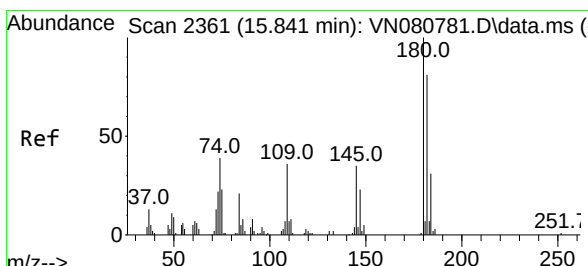
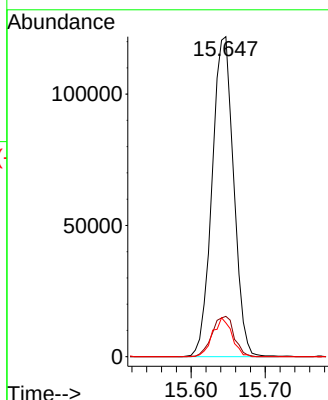
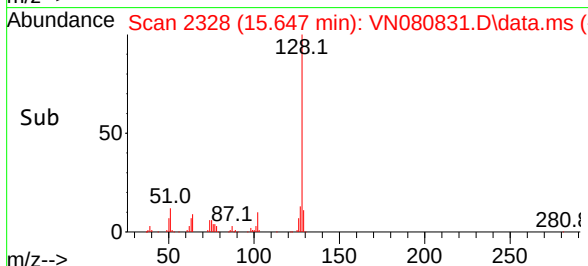
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 24661
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.067 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080831.D
Acq: 31 Jan 2024 11:14

Tgt Ion:180 Resp: 62412
Ion Ratio Lower Upper
180 100
182 93.2 46.5 139.3
145 37.8 17.8 53.4

