

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081152.D
 Acq On : 23 Feb 2024 10:12
 Operator : JC\MD
 Sample : VN0223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 24 00:09:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	76780	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	445214	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	415239	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	176511	30.595	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.967%			
60) 4-Bromofluorobenzene	12.853	95	193578	30.494	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.633%			
63) Toluene-d8	10.571	98	550377	29.535	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	106985	20.493	ug/l	96
3) Chloromethane	2.365	50	101886	19.420	ug/l	98
4) Vinyl Chloride	2.518	62	106552	17.034	ug/l	99
5) Bromomethane	2.965	94	73378	17.465	ug/l	97
6) Chloroethane	3.124	64	71774	17.602	ug/l	91
7) Trichlorofluoromethane	3.506	101	162202	19.692	ug/l	92
8) Diethyl Ether	3.959	74	57230	19.768	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	90961	20.347	ug/l	95
10) 1,1-Dichloroethene	4.342	96	53518	12.215	ug/l	98
11) Methyl Iodide	4.595	142	89997m	19.179	ug/l	
12) Methyl Acetate	5.024	43	96558m	24.319	ug/l	
13) Acrolein	4.177	56	83657	96.617	ug/l	98
14) Acrylonitrile	5.718	53	233039	118.197	ug/l	97
15) Acetone	4.418	58	47058m	103.752	ug/l	
16) Carbon Disulfide	4.718	76	221700	18.437	ug/l	97
17) Allyl chloride	5.024	41	120913	21.973	ug/l	91
18) Methylene Chloride	5.277	84	97152	19.403	ug/l	90
19) trans-1,2-Dichloroethene	5.795	96	91946	18.485	ug/l	90
20) Diisopropyl ether	6.671	45	288620	21.822	ug/l	98
21) 1,1-Dichloroethane	6.571	63	170934	20.167	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	110890	19.187	ug/l	99
23) tert-Butyl Alcohol	5.512	59	90866	126.512	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	286251	19.707	ug/l #	92
25) Chloroform	7.971	83	180797	19.227	ug/l	99
26) Cyclohexane	8.259	56	145816	22.847	ug/l	94
29) 1,1-Dichloropropene	8.371	75	131783	19.872	ug/l	99
30) 2-Butanone	7.483	43	278888	114.619	ug/l	97
31) 2,2-Dichloropropane	7.489	77	154735	20.493	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	161846	19.400	ug/l	99
33) Carbon Tetrachloride	8.365	117	141382	20.114	ug/l	94
34) Benzene	8.606	78	405355	20.002	ug/l	97
35) Methacrylonitrile	7.777	41	73114	25.565	ug/l	91
36) 1,2-Dichloroethane	8.671	62	142066	20.888	ug/l	96
37) Trichloroethene	9.353	130	104309	19.359	ug/l	99
38) Methylcyclohexane	9.600	83	161285	24.370	ug/l	98
39) 1,2-Dichloropropane	9.624	63	104224	21.682	ug/l	97
40) Dibromomethane	9.712	93	73045	19.973	ug/l	93
41) Bromodichloromethane	9.894	83	143809	20.092	ug/l #	98
42) Vinyl Acetate	6.606	43	1229565	118.140	ug/l	98

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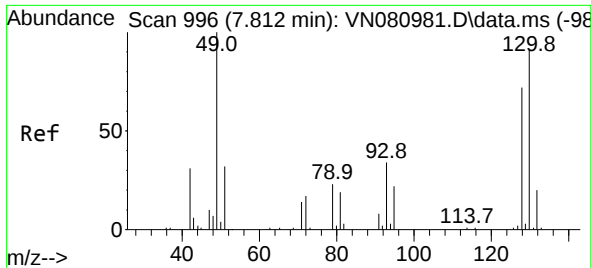
Manual Integrations
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Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	120640	23.805	ug/l	94
44) Isopropyl Acetate	8.688	43	224254	24.627	ug/l	89
45) 1,4-Dioxane	9.700	88	45781	530.109	ug/l	92
46) Methyl methacrylate	9.683	41	101707	24.410	ug/l	90
47) n-amyl Acetate	12.494	43	190278	23.960	ug/l	92
48) t-1,3-Dichloropropene	10.841	75	152768	20.365	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	165433	20.353	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	97846	19.336	ug/l	96
51) Ethyl methacrylate	10.877	69	149139	21.087	ug/l	80
52) 1,3-Dichloropropane	11.165	76	171435	20.516	ug/l	100
53) Dibromochloromethane	11.359	129	103553	18.775	ug/l	99
54) 1,2-Dibromoethane	11.471	107	99233	18.955	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	263429	72.683	ug/l	99
56) Bromoform	12.582	173	62619	17.827	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	650468	120.659	ug/l #	90
59) 2-Hexanone	11.200	43	475498	119.922	ug/l	90
61) Tetrachloroethene	11.106	164	90764	19.135	ug/l	98
62) Toluene	10.630	91	443783	19.510	ug/l	99
64) Chlorobenzene	11.894	112	270987	19.452	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	96896	18.751	ug/l	98
66) Ethyl Benzene	11.965	91	492651	20.599	ug/l	99
67) m/p-Xylenes	12.076	106	377041	40.144	ug/l	97
68) o-Xylene	12.400	106	179764	19.530	ug/l	100
69) Styrene	12.412	104	295541	19.504	ug/l	97
70) Isopropylbenzene	12.700	105	477715	21.297	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	132411	19.143	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	125455m	23.170	ug/l	
73) Bromobenzene	12.982	156	103701	18.590	ug/l	96
74) n-propylbenzene	13.035	91	568234	22.290	ug/l	99
75) 2-Chlorotoluene	13.129	91	333946	21.102	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	401394	21.870	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	43986	21.467	ug/l	94
78) 4-Chlorotoluene	13.223	91	326015	20.568	ug/l	96
79) tert-butylbenzene	13.441	119	337976	22.183	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	398014	21.765	ug/l	98
81) sec-Butylbenzene	13.618	105	489870	22.960	ug/l	99
82) p-Isopropyltoluene	13.735	119	404620	22.590	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	198020	19.737	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	196824	19.545	ug/l	99
85) n-Butylbenzene	14.059	91	358674	24.269	ug/l	99
86) Hexachloroethane	14.335	117	66919	23.686	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	191107	19.565	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	27283	21.853	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	110088	23.038	ug/l	97
90) Hexachlorobutadiene	15.506	225	41243	19.672	ug/l	99
91) Naphthalene	15.647	128	392402	23.127	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	110088	23.038	ug/l	97

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



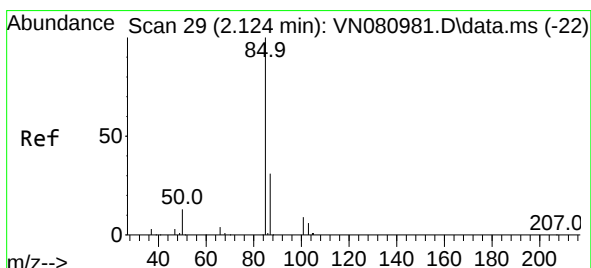
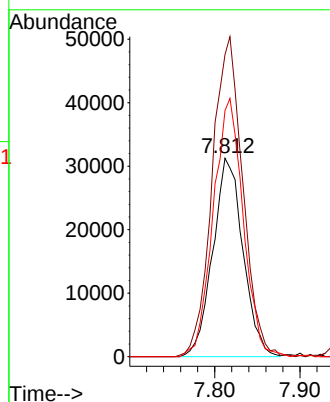
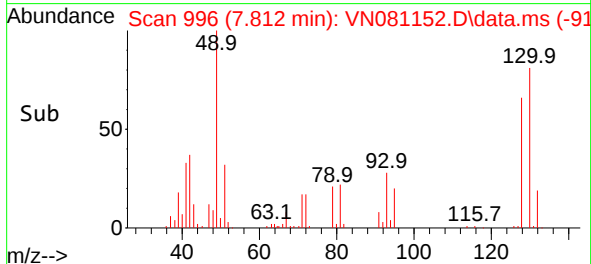
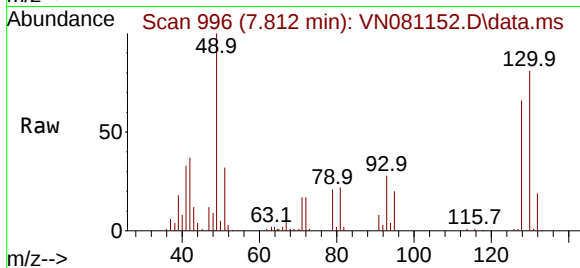
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:128 Resp: 76780
Ion Ratio Lower Upper
128 100
49 163.5 0.0 403.7
130 129.3 0.0 323.3

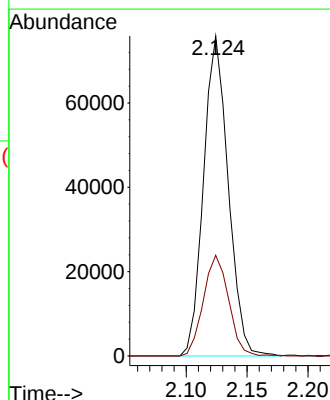
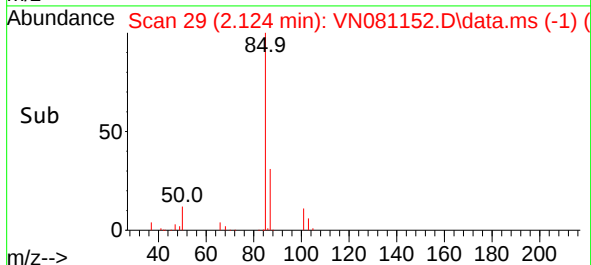
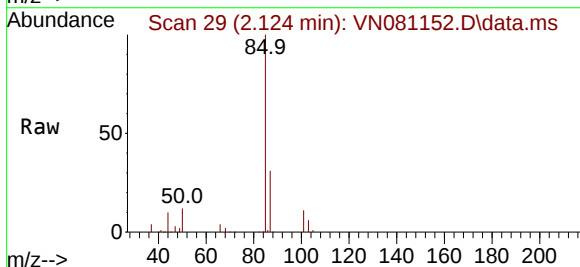
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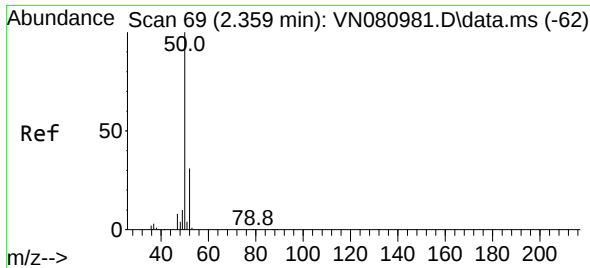
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 20.493 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 85 Resp: 106985
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.3





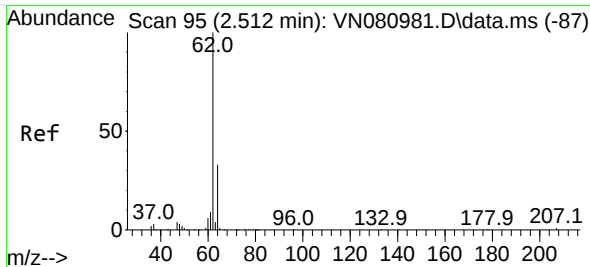
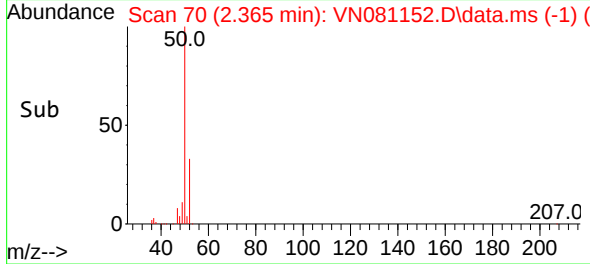
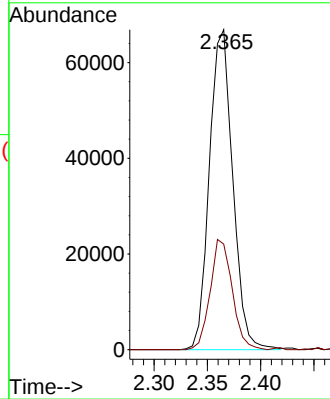
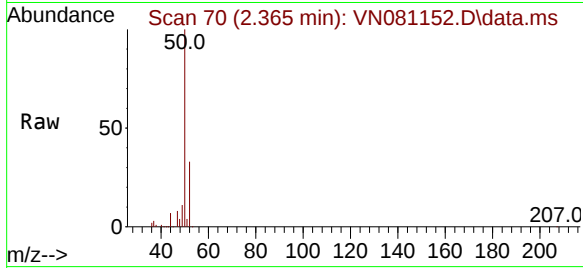
#3
Chloromethane
Concen: 19.420 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 50 Resp: 101880
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

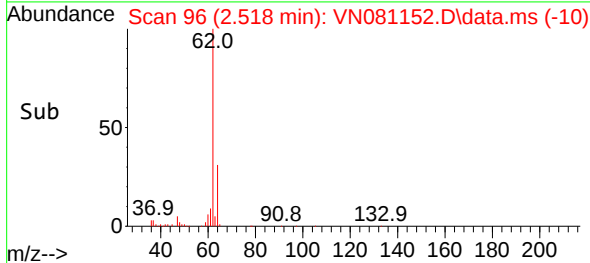
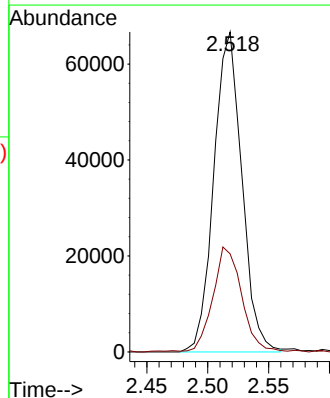
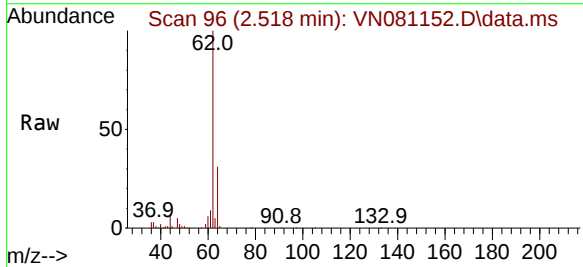
Manual Integrations
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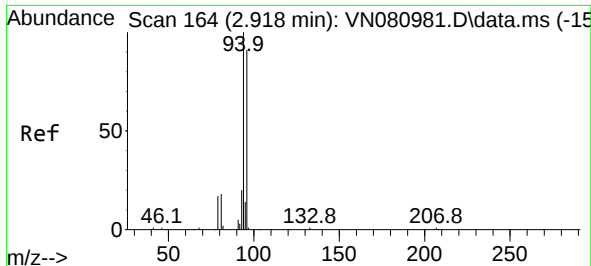
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#4
Vinyl Chloride
Concen: 17.034 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

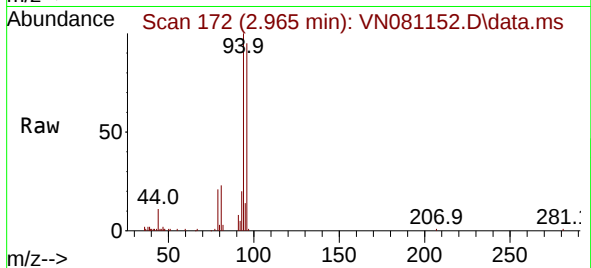
Tgt Ion: 62 Resp: 106552
Ion Ratio Lower Upper
62 100
64 30.4 24.1 36.1





#5
Bromomethane
Concen: 17.465 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

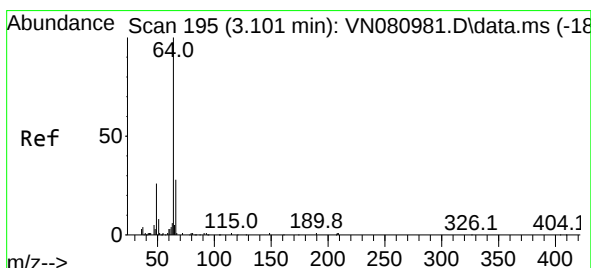
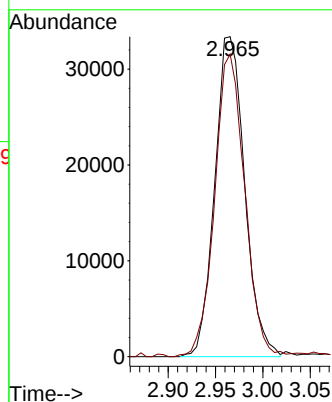
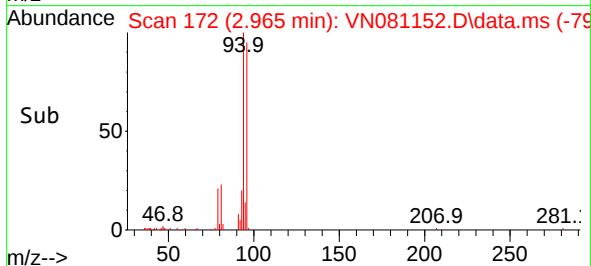
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



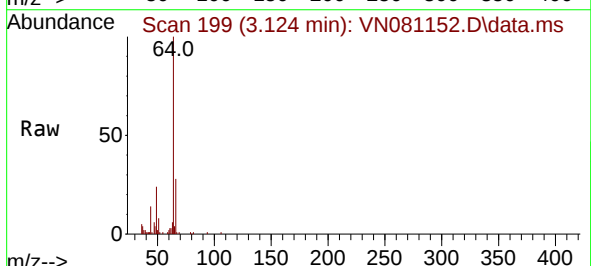
Tgt Ion: 94 Resp: 73378
Ion Ratio Lower Upper
94 100
96 93.9 72.8 109.2

Manual Integrations
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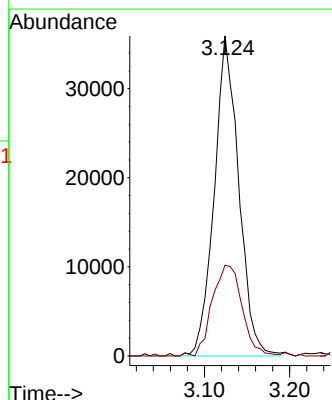
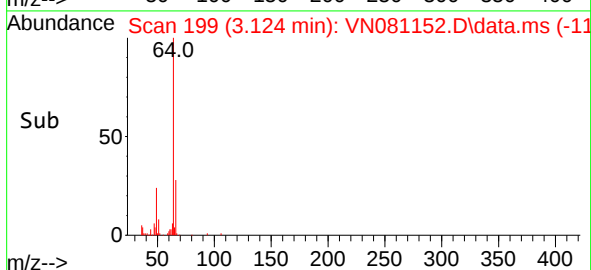
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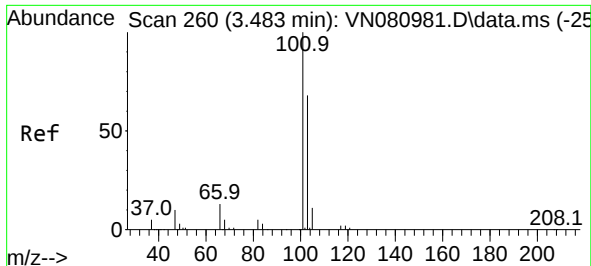


#6
Chloroethane
Concen: 17.602 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.024 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



Tgt Ion: 64 Resp: 71774
Ion Ratio Lower Upper
64 100
66 28.3 26.7 40.1





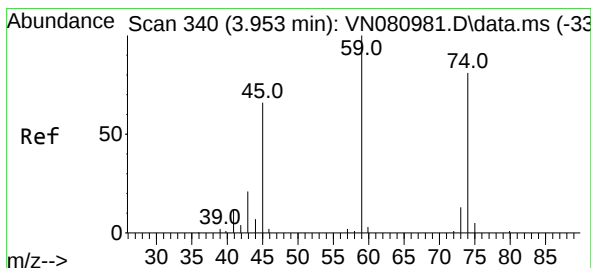
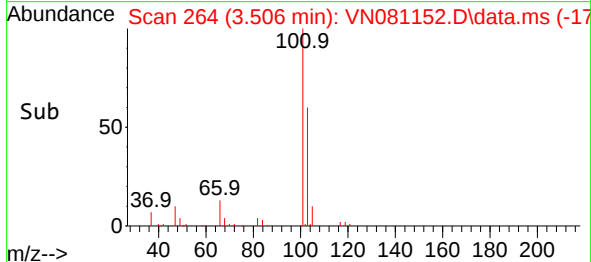
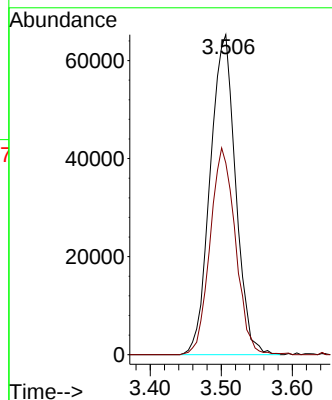
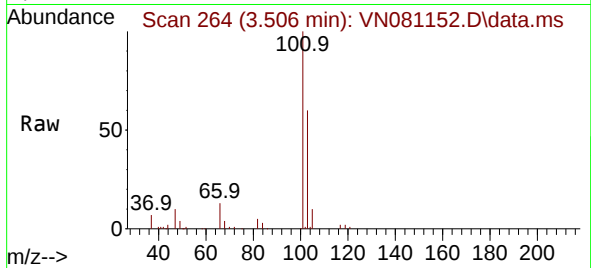
#7
Trichlorofluoromethane
Concen: 19.692 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
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Tgt Ion:101 Resp: 16220
Ion Ratio Lower Upper
101 100
103 59.9 53.0 79.4

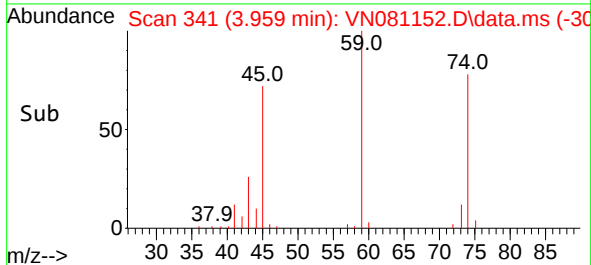
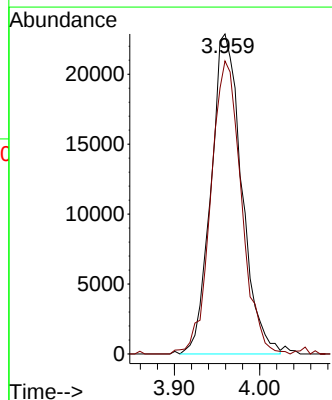
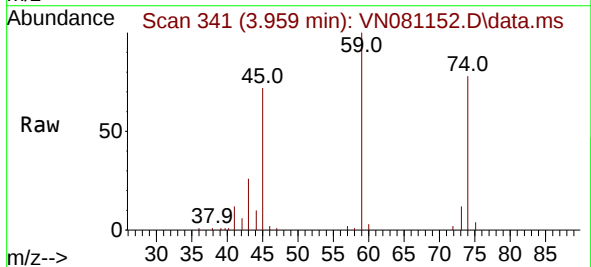
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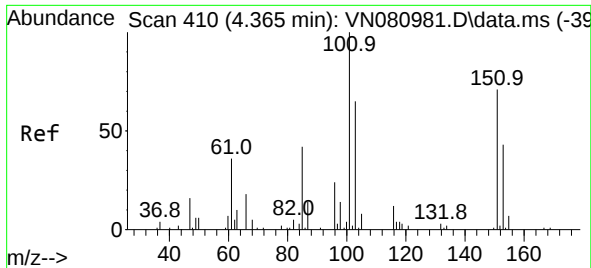
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#8
Diethyl Ether
Concen: 19.768 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 74 Resp: 57230
Ion Ratio Lower Upper
74 100
45 90.8 16.4 147.4





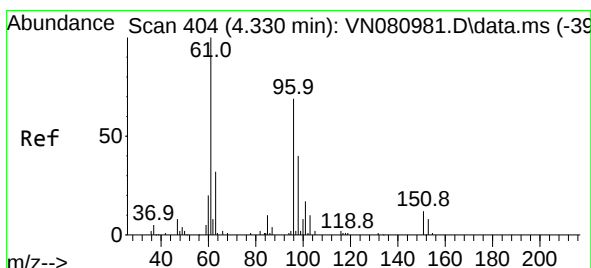
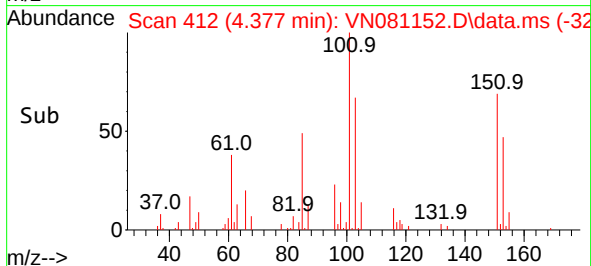
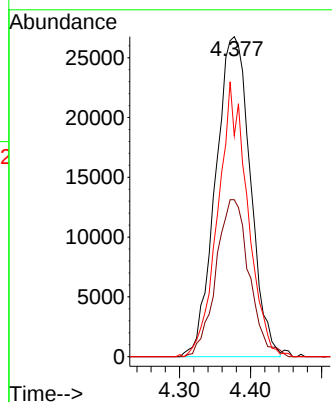
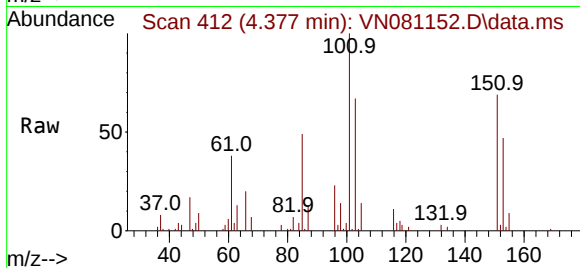
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1,1,2-Trichlorotrifluoroethane
Concen: 20.347 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:101 Resp: 9096
Ion Ratio Lower Upper
101 100
85 46.3 0.0 90.6
151 73.1 0.0 157.6

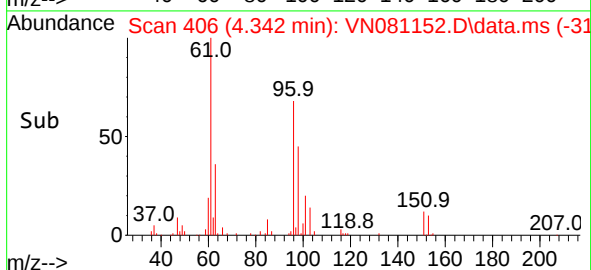
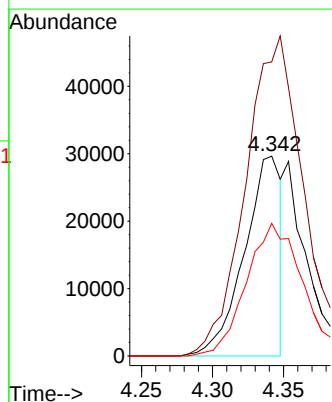
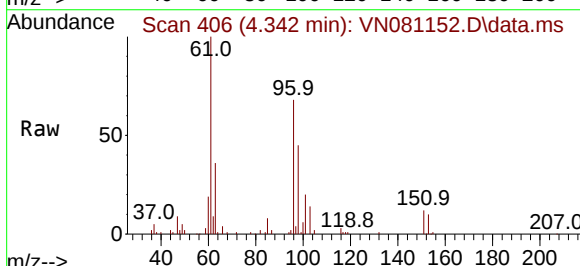
Manual Integrations
APPROVED

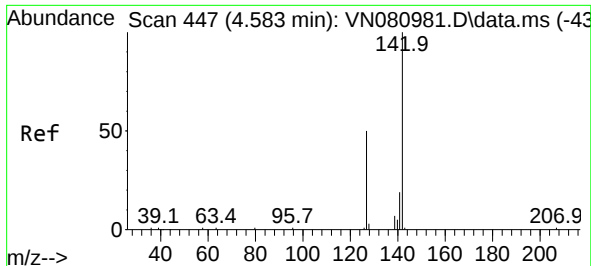
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
1,1-Dichloroethene
Concen: 12.215 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

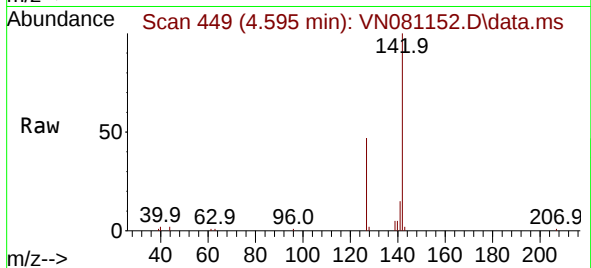
Tgt Ion: 96 Resp: 53518
Ion Ratio Lower Upper
96 100
61 147.1 117.6 176.4
98 66.4 48.4 72.6





#11
Methyl Iodide
Concen: 19.179 ug/l m
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

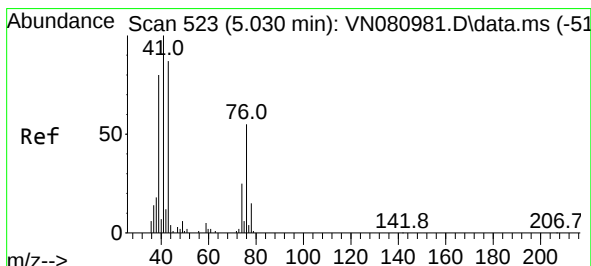
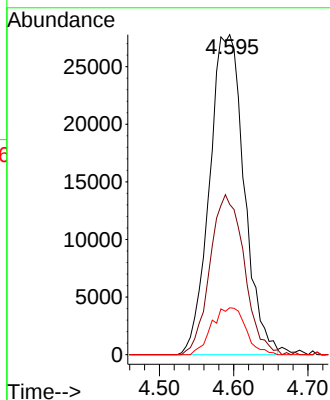
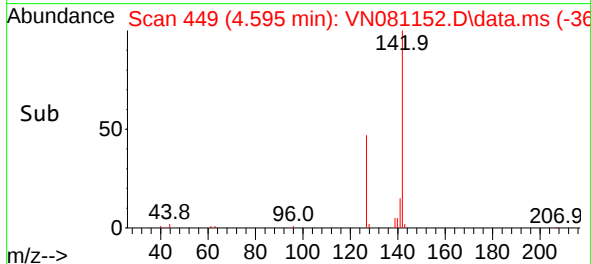
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion:142 Resp: 8999
Ion Ratio Lower Upper
142 100
127 47.0 26.3 78.9
141 14.6 8.3 24.9

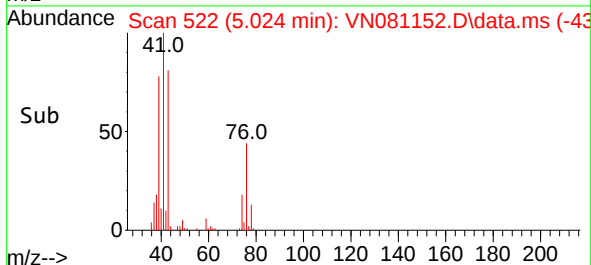
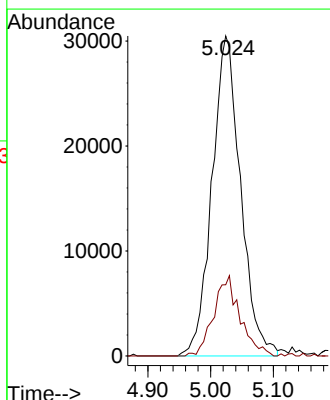
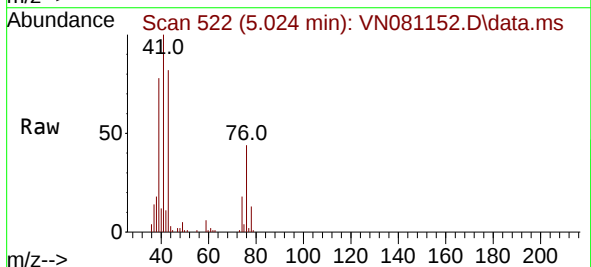
Manual Integrations
APPROVED

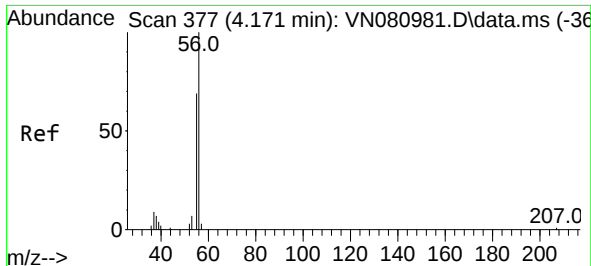
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
Methyl Acetate
Concen: 24.319 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

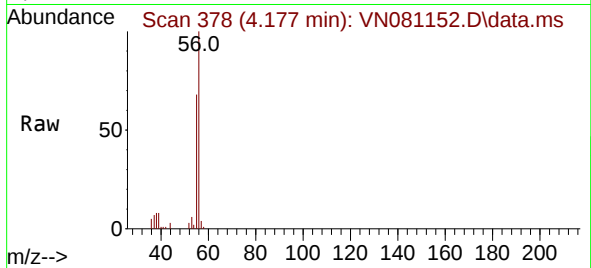
Tgt Ion: 43 Resp: 96558
Ion Ratio Lower Upper
43 100
74 22.2 27.7 41.5#





#13
Acrolein
Concen: 96.617 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

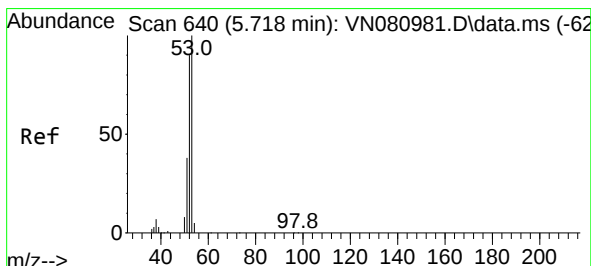
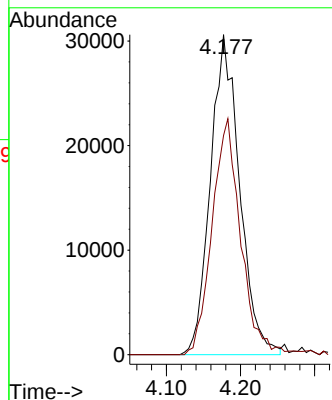
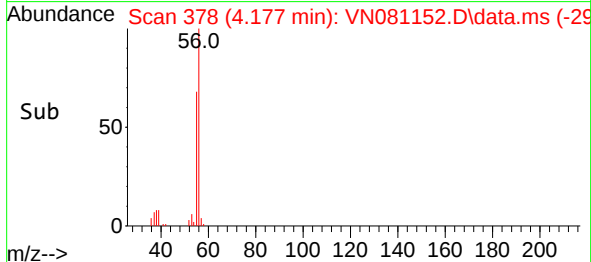
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 56 Resp: 8365
Ion Ratio Lower Upper
56 100
55 71.2 55.5 83.3

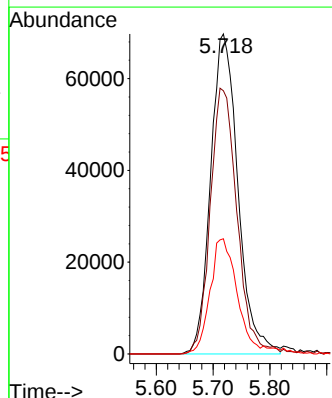
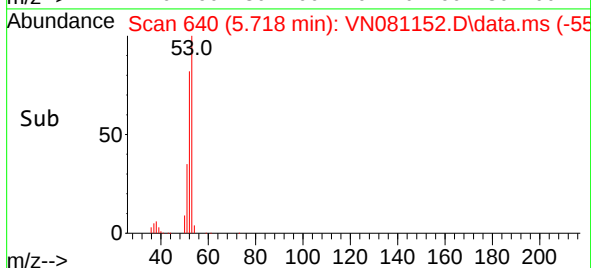
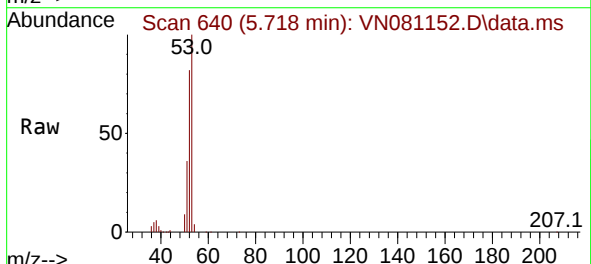
Manual Integrations
APPROVED

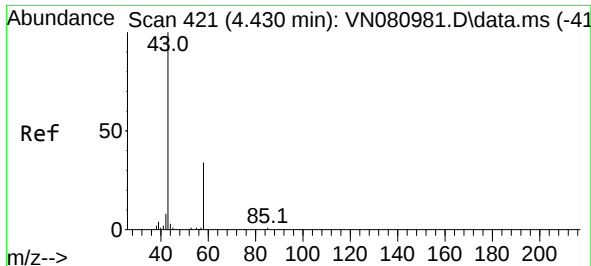
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#14
Acrylonitrile
Concen: 118.197 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

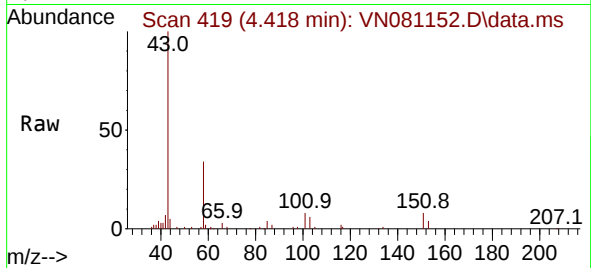
Tgt Ion: 53 Resp: 233039
Ion Ratio Lower Upper
53 100
52 80.5 41.3 123.9
51 35.2 16.8 50.3





#15
Acetone
Concen: 103.752 ug/l m
RT: 4.418 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

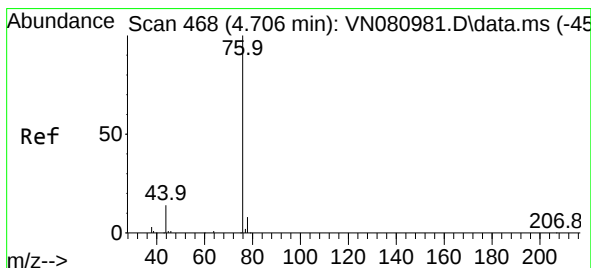
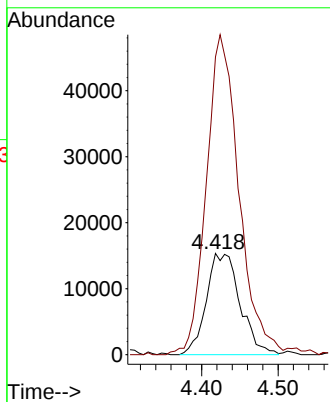
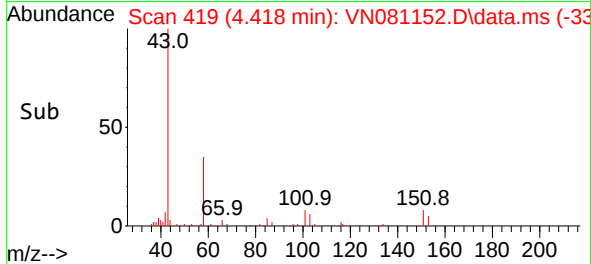
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



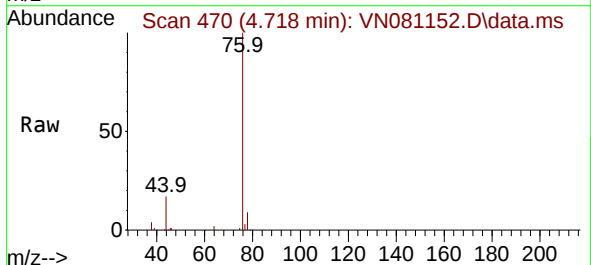
Tgt Ion: 58 Resp: 47058
Ion Ratio Lower Upper
58 100
43 294.0 223.1 334.7

Manual Integrations
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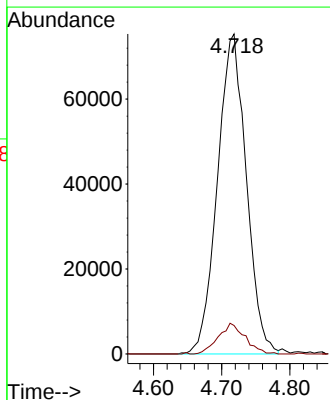
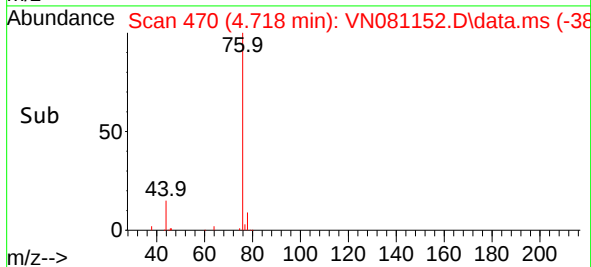
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

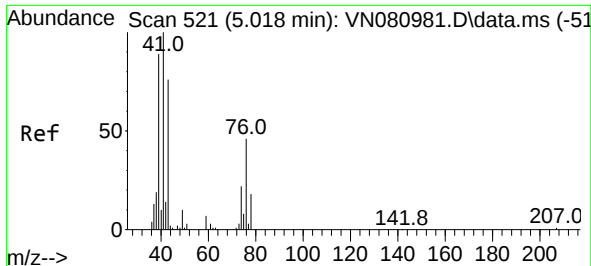


#16
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



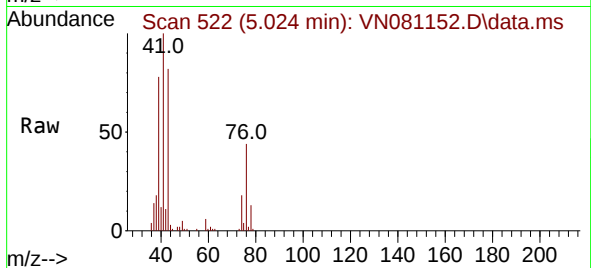
Tgt Ion: 76 Resp: 221700
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 21.973 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

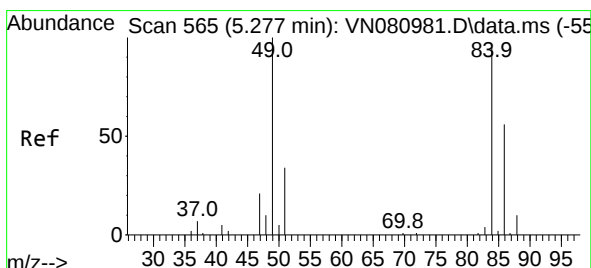
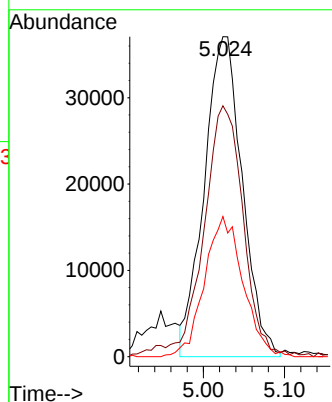
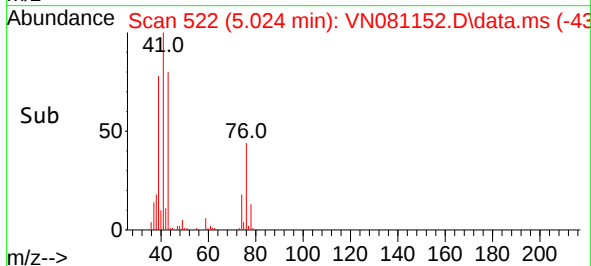
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01



Tgt Ion: 41 Resp: 12091
 Ion Ratio Lower Upper
 41 100
 39 77.9 37.6 112.9
 76 42.8 27.8 83.4

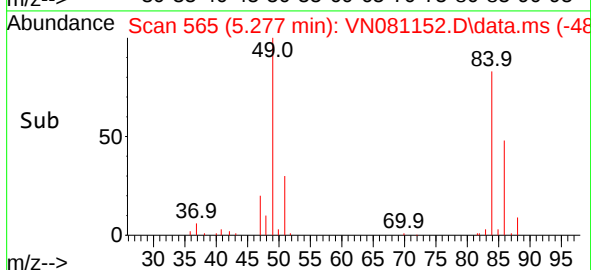
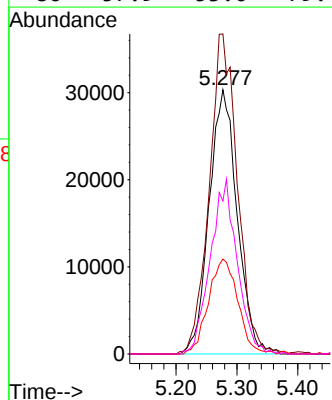
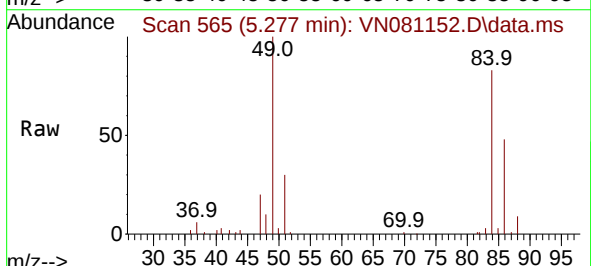
Manual Integrations
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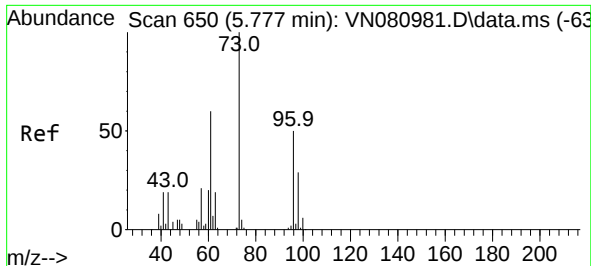
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#18
 Methylene Chloride
 Concen: 19.403 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

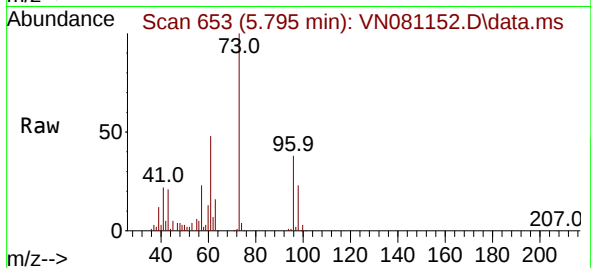
Tgt Ion: 84 Resp: 97152
 Ion Ratio Lower Upper
 84 100
 49 120.2 86.0 129.0
 51 36.0 30.0 45.0
 86 57.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.485 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

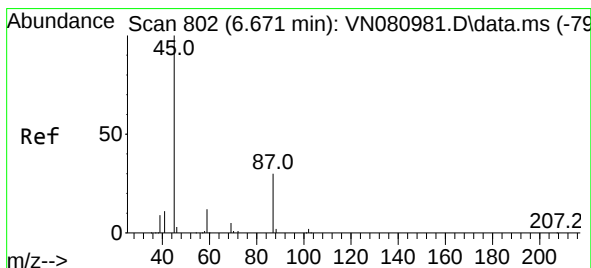
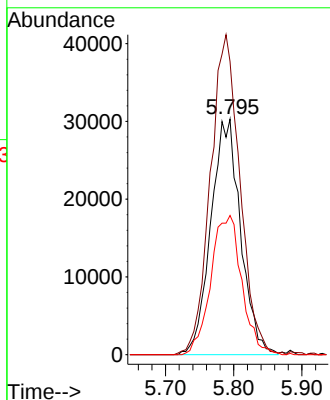
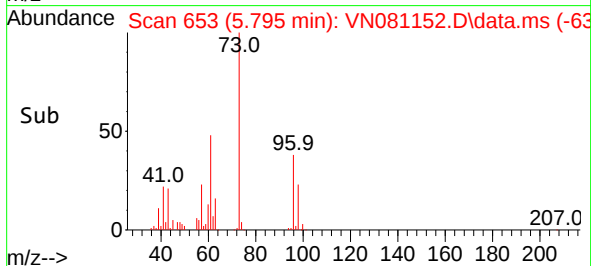
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 96 Resp: 91940
Ion Ratio Lower Upper
96 100
61 123.8 111.8 167.6
98 59.1 49.2 73.8

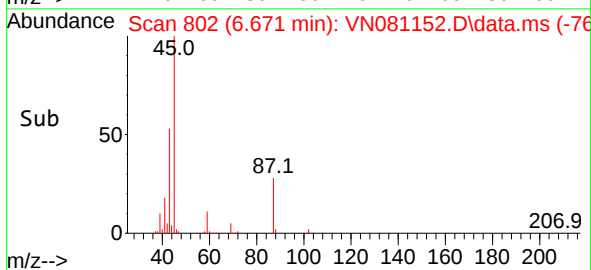
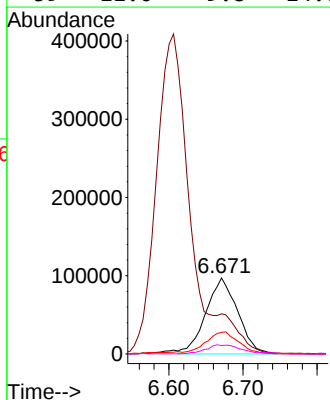
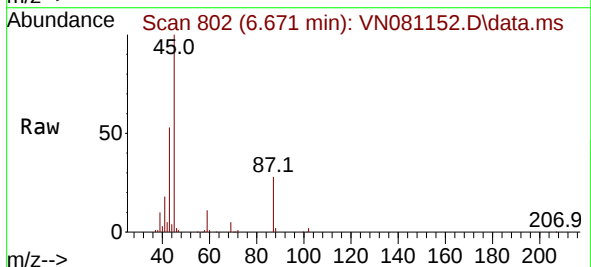
Manual Integrations
APPROVED

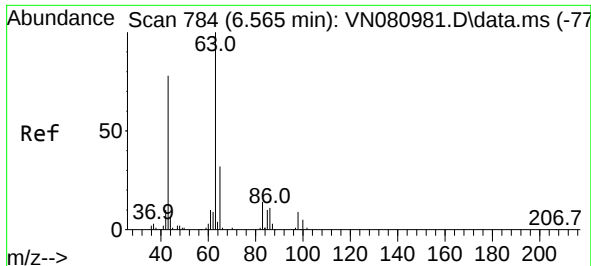
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Diisopropyl ether
Concen: 21.822 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

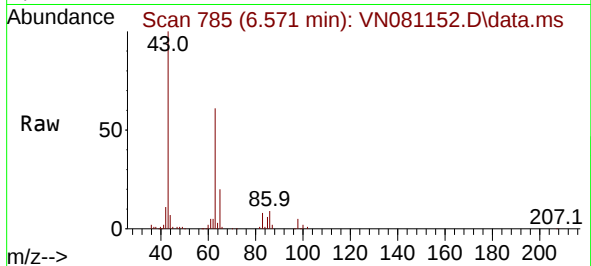
Tgt Ion: 45 Resp: 288620
Ion Ratio Lower Upper
45 100
43 51.8 40.4 60.6
87 28.5 23.8 35.8
59 11.0 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.167 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

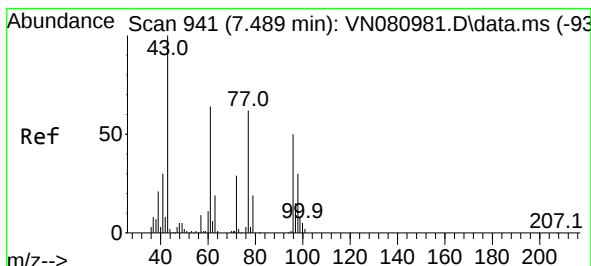
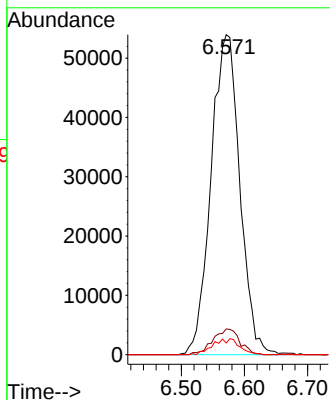
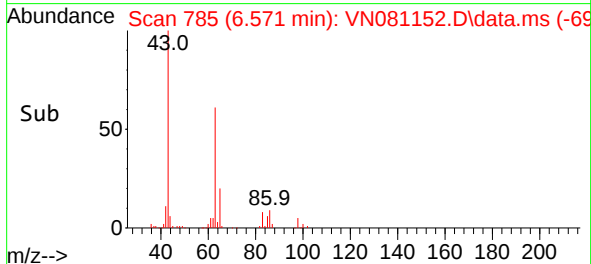
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 63 Resp: 170934
Ion Ratio Lower Upper
63 100
98 8.1 4.1 12.3
100 3.7 3.0 9.0

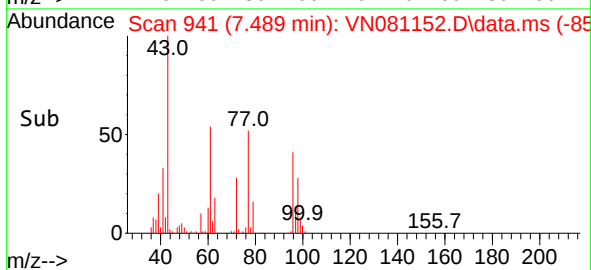
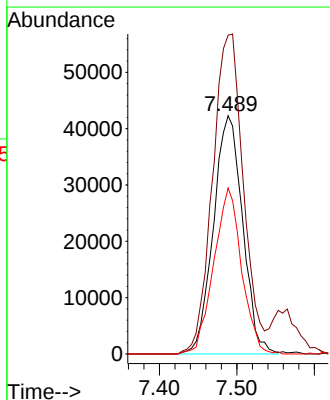
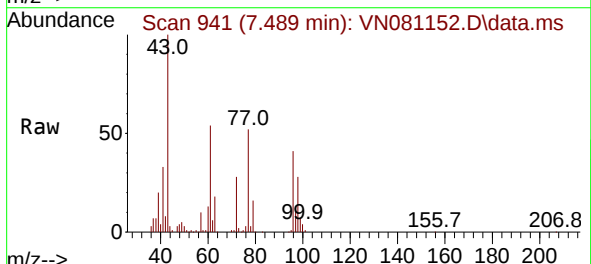
Manual Integrations
APPROVED

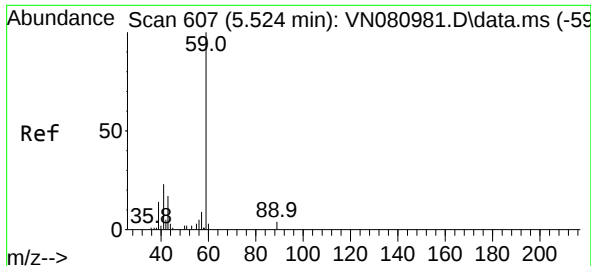
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#22
cis-1,2-Dichloroethene
Concen: 19.187 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 96 Resp: 110890
Ion Ratio Lower Upper
96 100
61 141.3 113.5 170.3
98 66.1 52.0 78.0





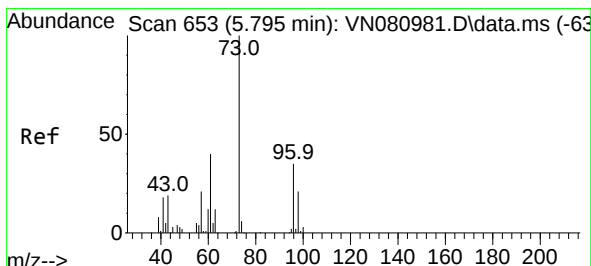
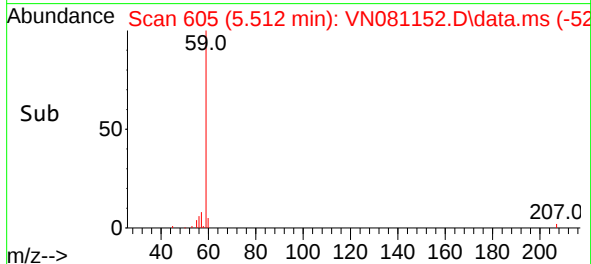
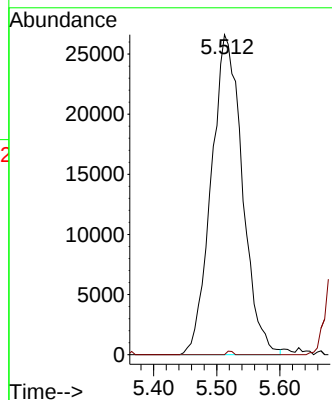
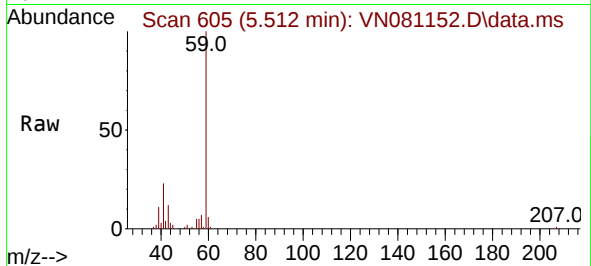
#23
tert-Butyl Alcohol
Concen: 126.512 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 59 Resp: 90860
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

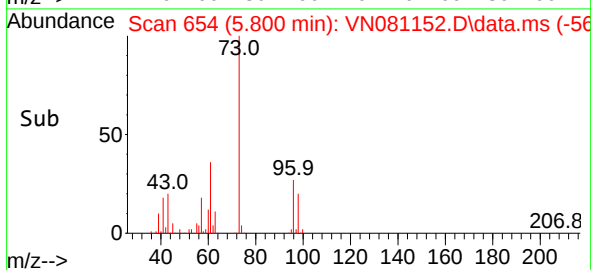
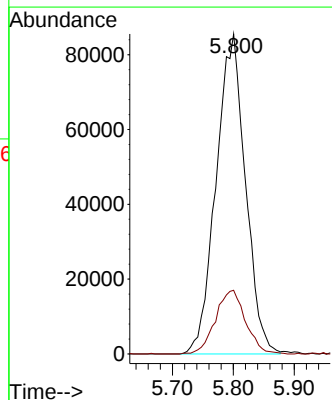
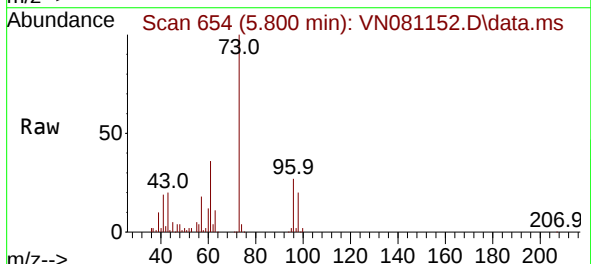
Manual Integrations
APPROVED

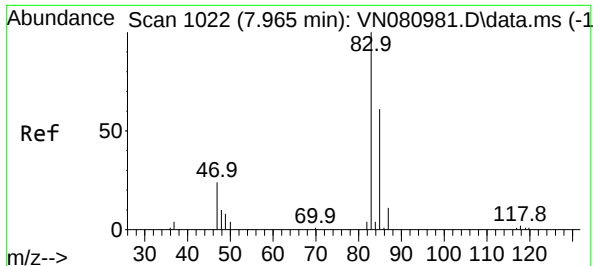
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#24
Methyl tert-Butyl Ether
Concen: 19.707 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 73 Resp: 286251
Ion Ratio Lower Upper
73 100
43 20.4 13.4 20.2





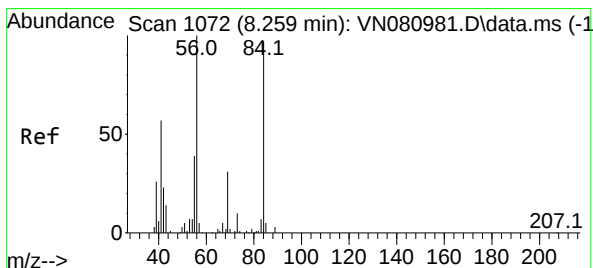
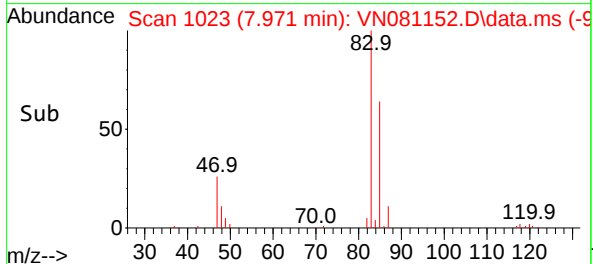
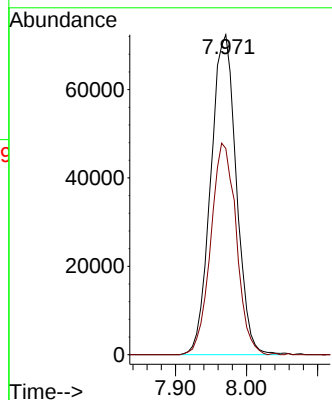
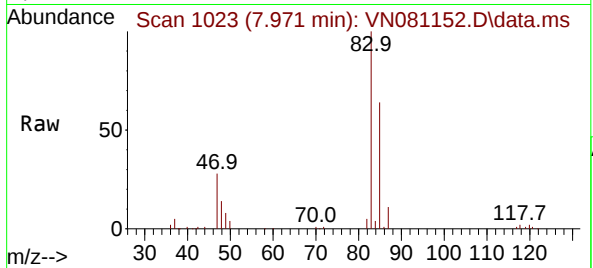
#25
Chloroform
Concen: 19.227 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 83 Resp: 18079
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3

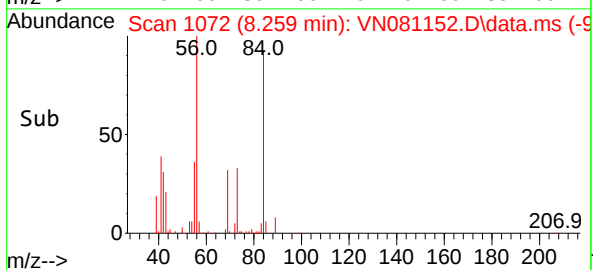
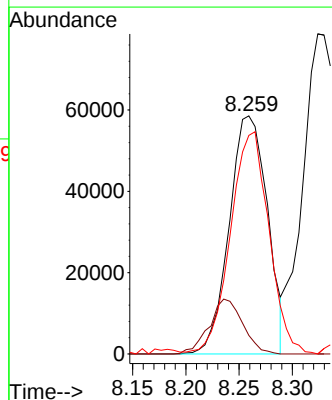
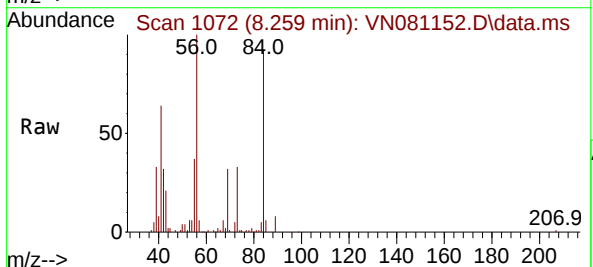
Manual Integrations
APPROVED

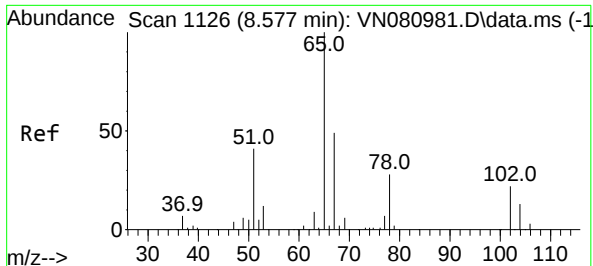
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
Cyclohexane
Concen: 22.847 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

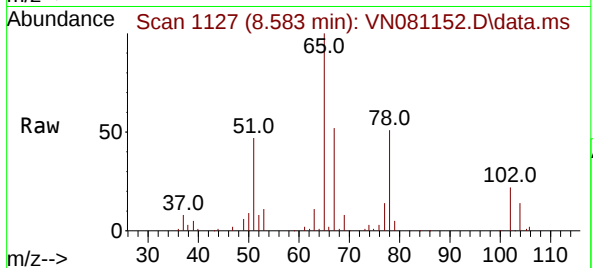
Tgt Ion: 56 Resp: 145816
Ion Ratio Lower Upper
56 100
89 20.4 19.3 28.9
84 94.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.595 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

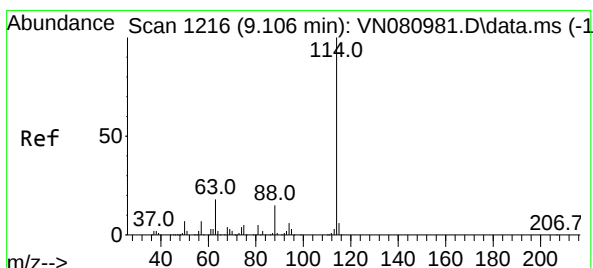
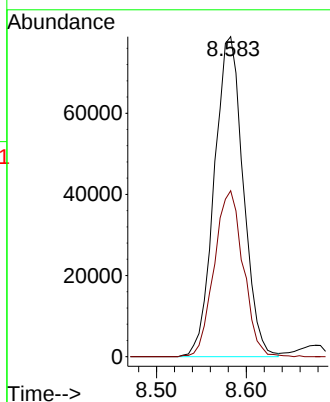
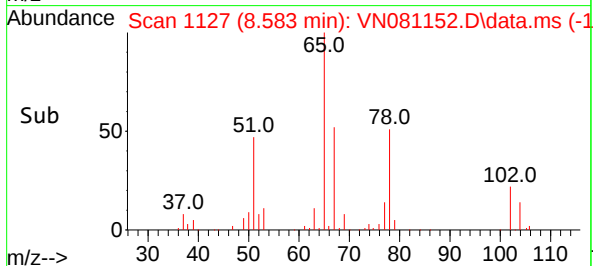
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



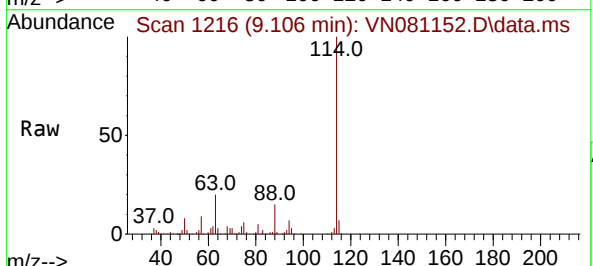
Tgt Ion: 65 Resp: 17651
Ion Ratio Lower Upper
65 100
67 51.9 43.2 64.8

Manual Integrations
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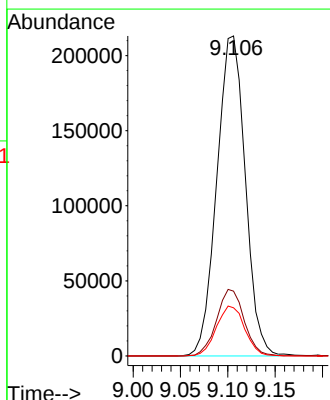
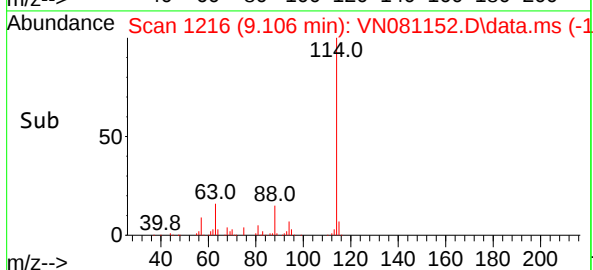
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

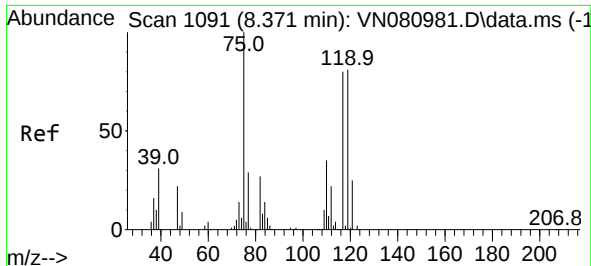


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



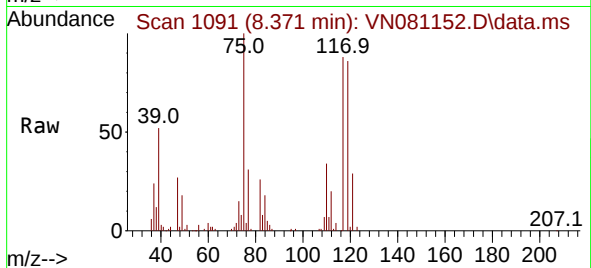
Tgt Ion: 114 Resp: 445214
Ion Ratio Lower Upper
114 100
63 20.1 15.9 23.9
88 15.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.872 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

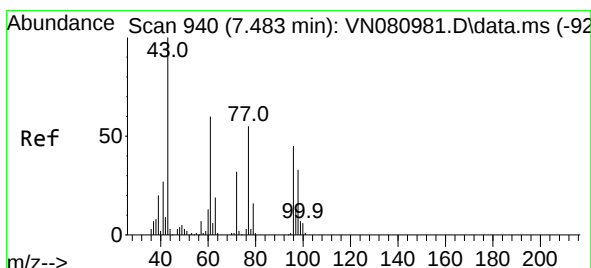
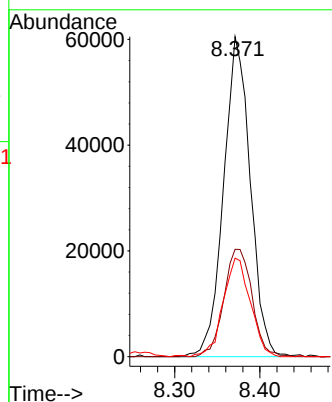
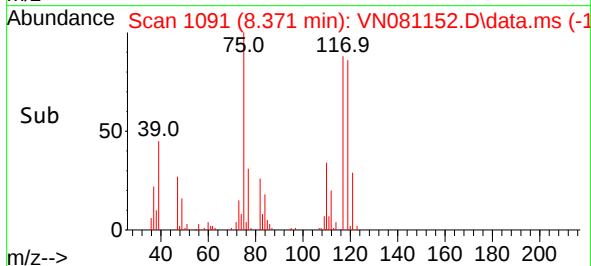
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 75 Resp: 13178
Ion Ratio Lower Upper
75 100
110 35.5 0.0 70.2
77 31.3 0.0 61.4

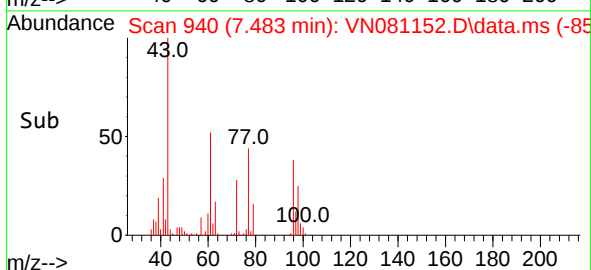
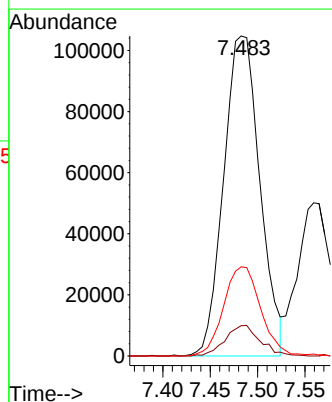
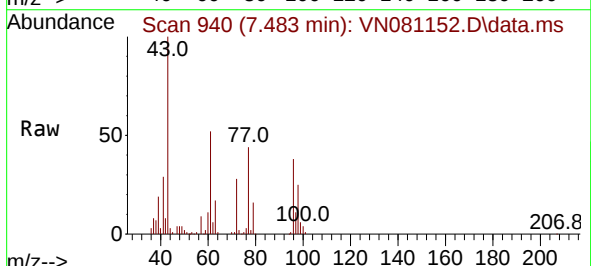
Manual Integrations
APPROVED

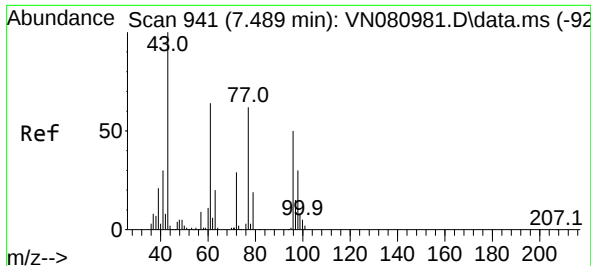
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#30
2-Butanone
Concen: 114.619 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

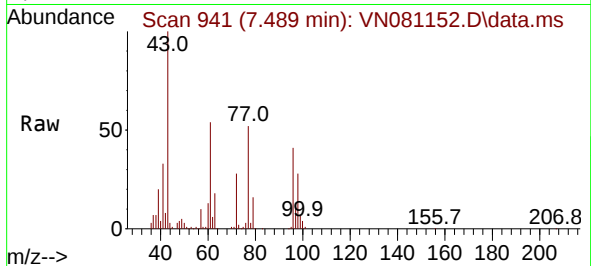
Tgt Ion: 43 Resp: 278888
Ion Ratio Lower Upper
43 100
57 9.2 6.7 10.1
72 28.3 24.0 36.0





#31
2,2-Dichloropropane
Concen: 20.493 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

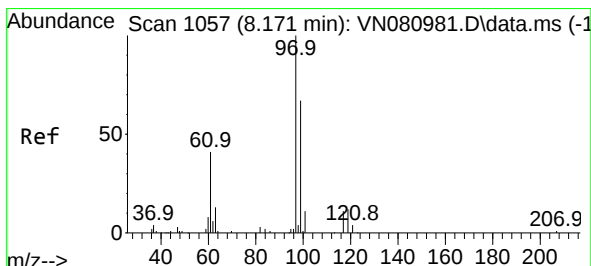
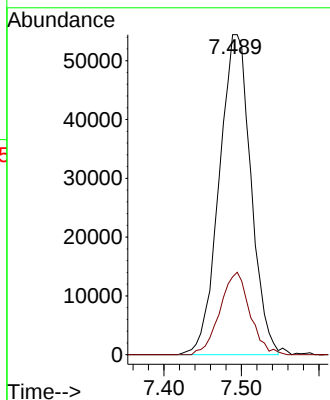
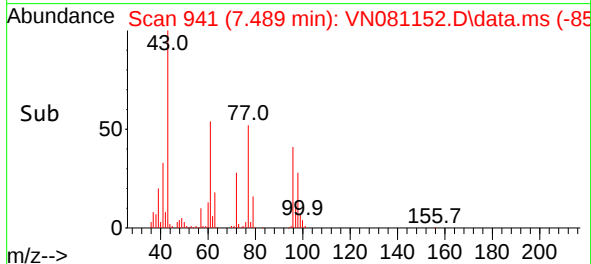
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



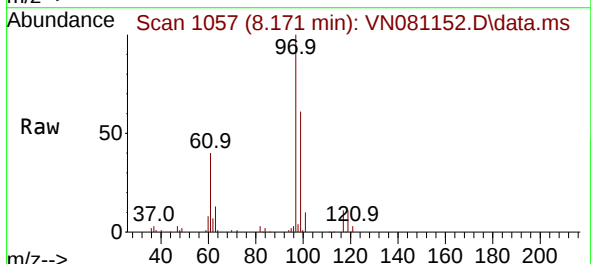
Tgt Ion: 77 Resp: 154735
Ion Ratio Lower Upper
77 100
97 24.0 18.3 27.5

Manual Integrations
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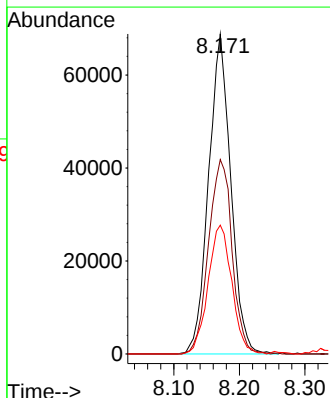
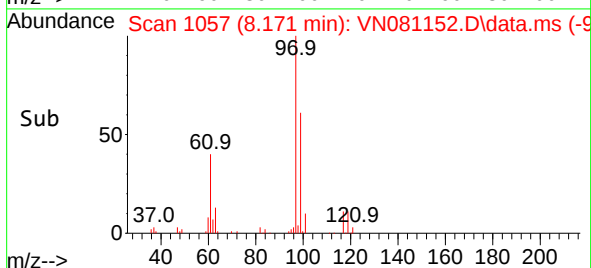
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

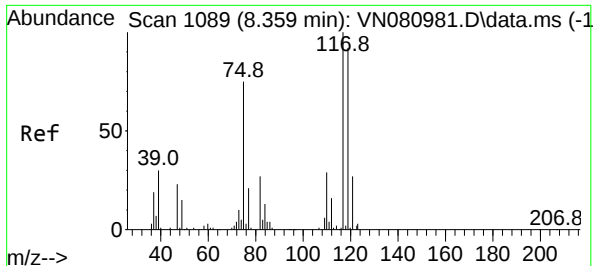


#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



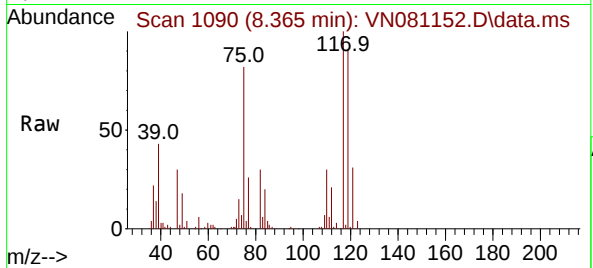
Tgt Ion: 97 Resp: 161846
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 43.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.114 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

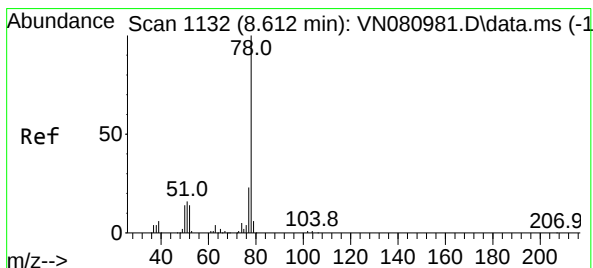
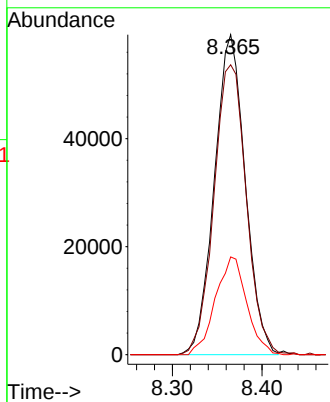
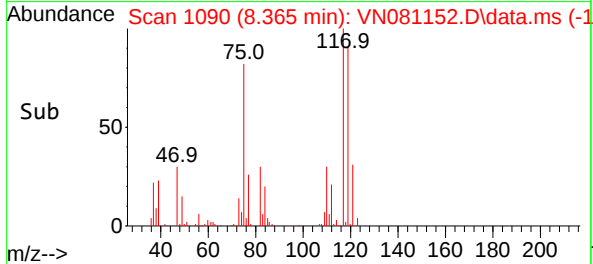
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion:117 Resp: 14138
Ion Ratio Lower Upper
117 100
119 90.6 77.7 116.5
121 30.6 27.0 40.6

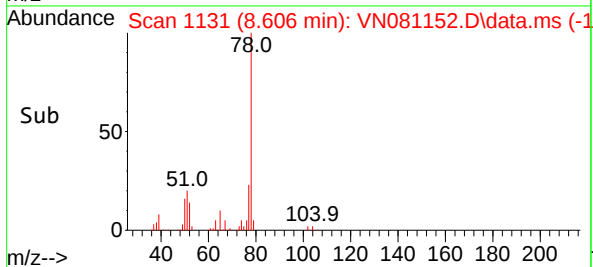
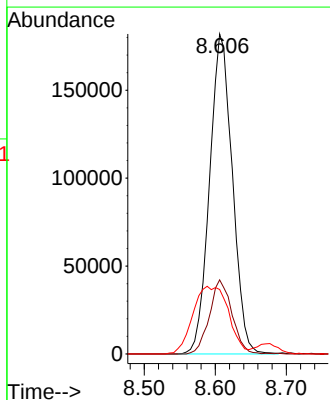
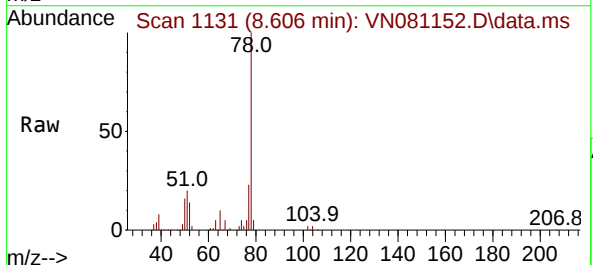
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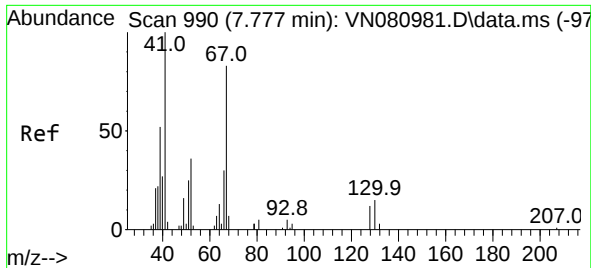
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#34
Benzene
Concen: 20.002 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

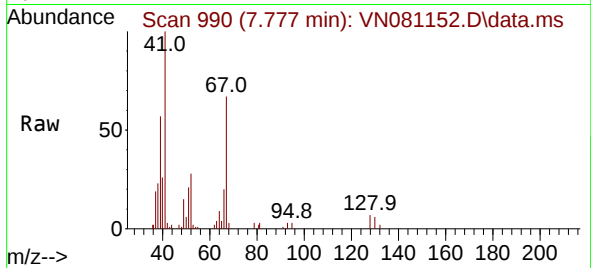
Tgt Ion: 78 Resp: 405355
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 18.5 13.3 19.9





#35
Methacrylonitrile
Concen: 25.565 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

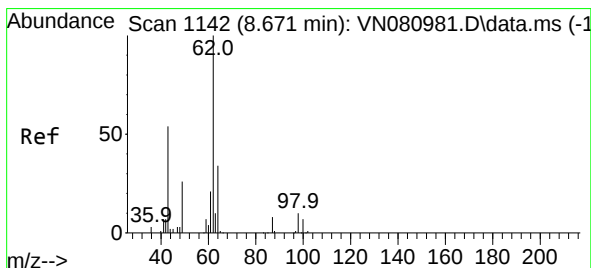
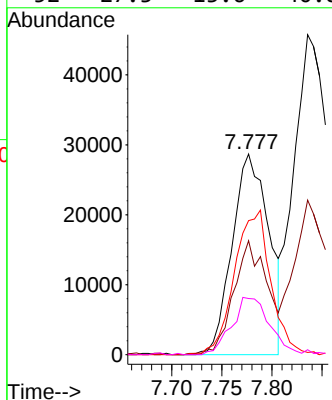
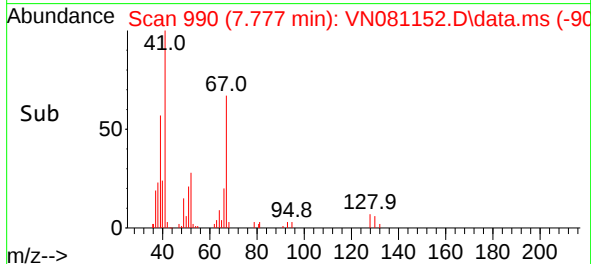
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 41 Resp: 73114
Ion Ratio Lower Upper
41 100
39 56.8 25.3 75.9
67 66.8 38.7 116.1
52 27.3 13.6 40.8

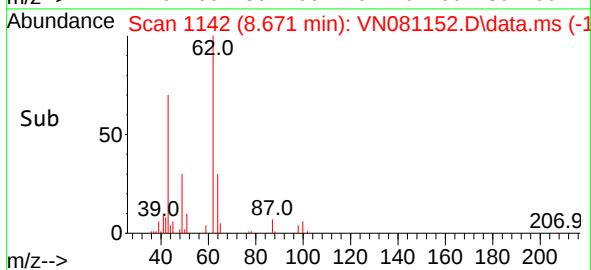
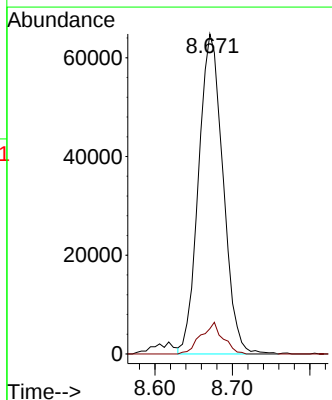
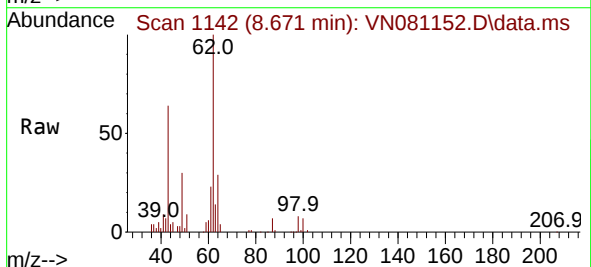
Manual Integrations
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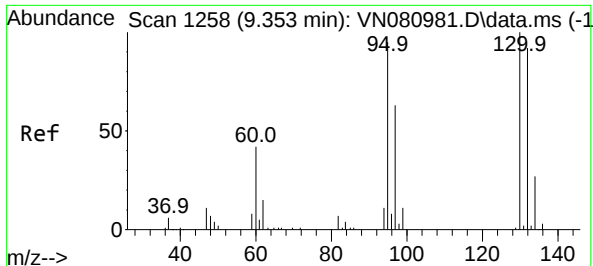
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#36
1,2-Dichloroethane
Concen: 20.888 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 62 Resp: 142066
Ion Ratio Lower Upper
62 100
98 8.9 8.2 12.4





#37

Trichloroethene

Concen: 19.359 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion:130 Resp: 104309

Ion Ratio Lower Upper

130 100

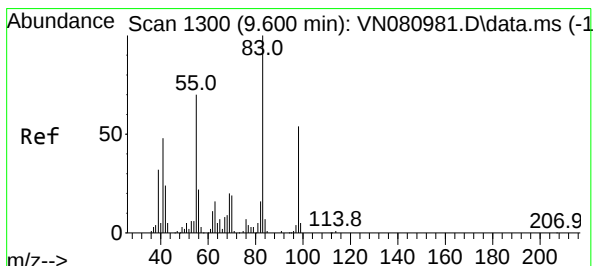
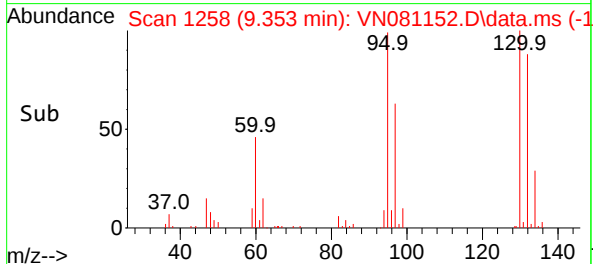
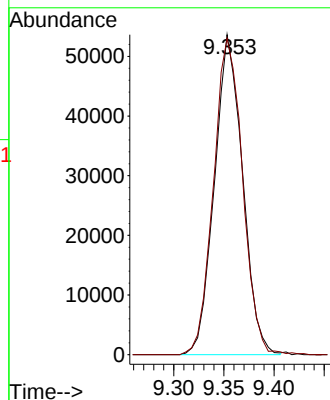
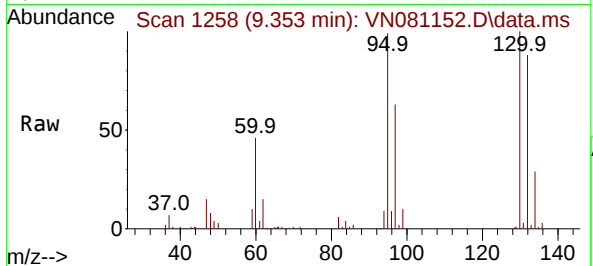
95 98.8 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#38

Methylcyclohexane

Concen: 24.370 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

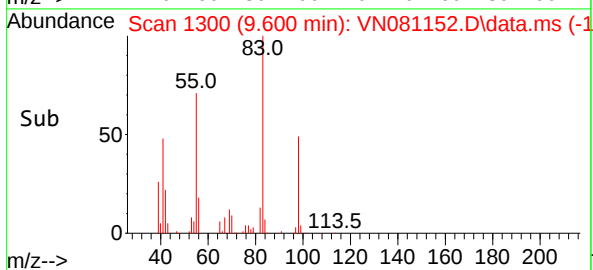
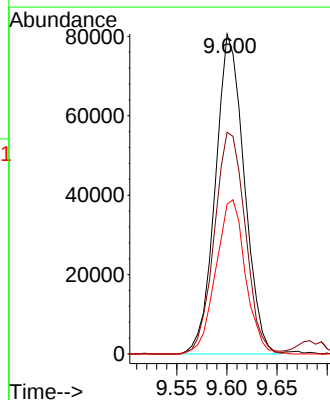
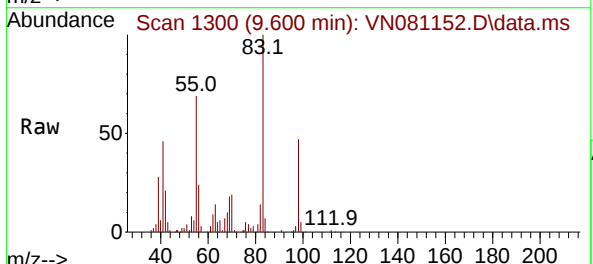
Tgt Ion: 83 Resp: 161285

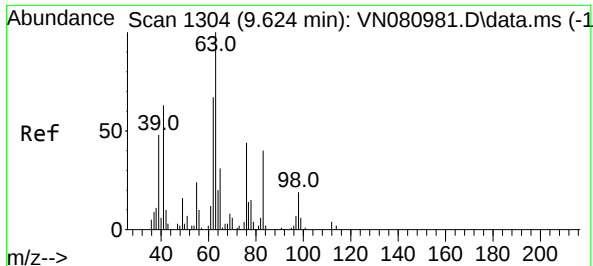
Ion Ratio Lower Upper

83 100

55 74.3 36.6 109.9

98 49.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.682 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion: 63 Resp: 104224

Ion Ratio Lower Upper

63 100

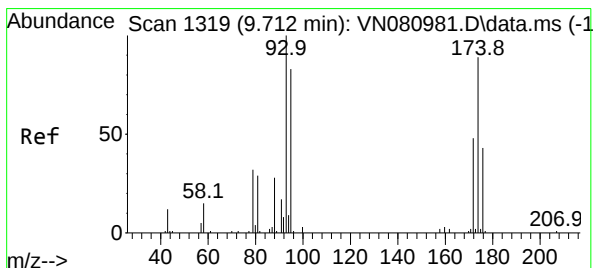
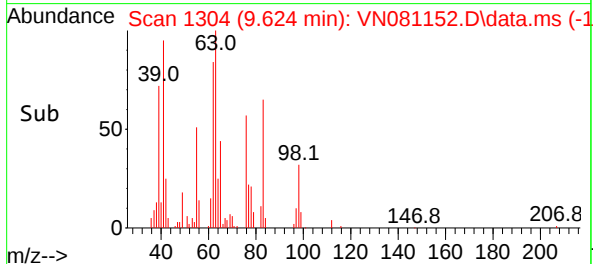
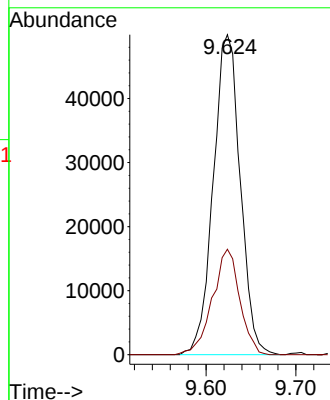
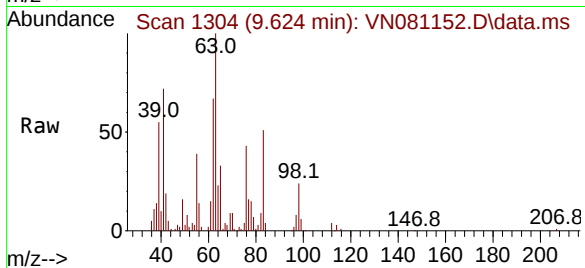
65 32.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#40

Dibromomethane

Concen: 19.973 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

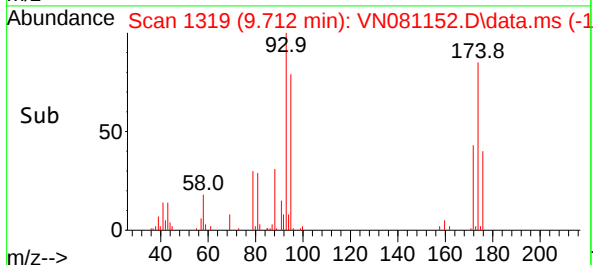
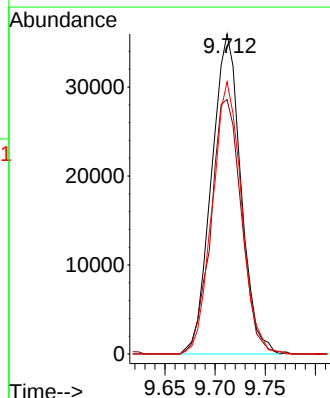
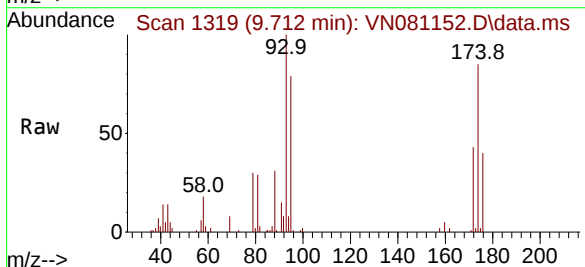
Tgt Ion: 93 Resp: 73045

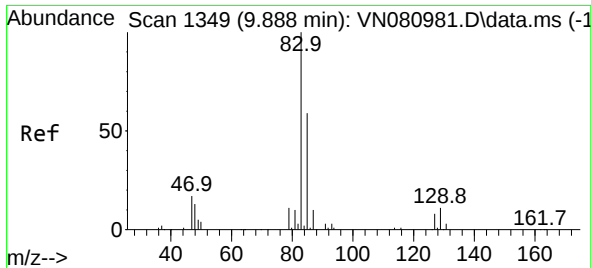
Ion Ratio Lower Upper

93 100

95 82.4 0.0 164.6

174 84.3 0.0 193.2





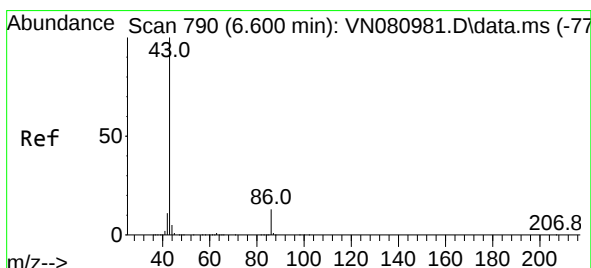
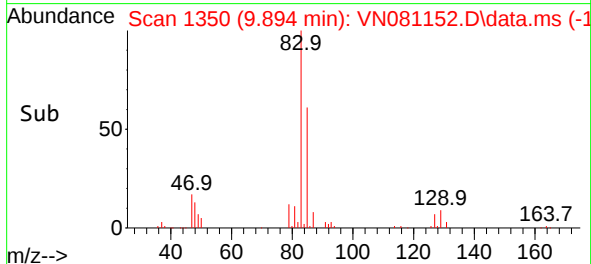
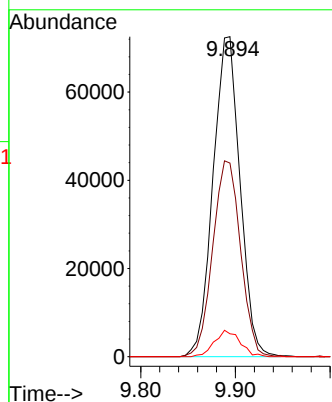
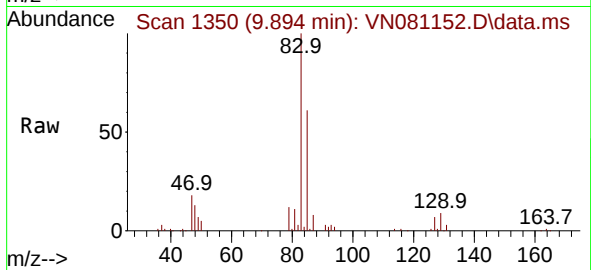
#41
Bromodichloromethane
Concen: 20.092 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 83 Resp: 143809
Ion Ratio Lower Upper
83 100
85 60.5 49.4 74.2
127 7.1 7.3 10.9

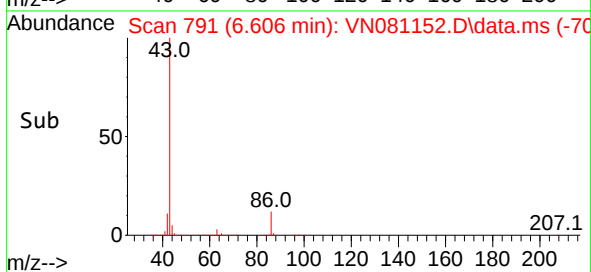
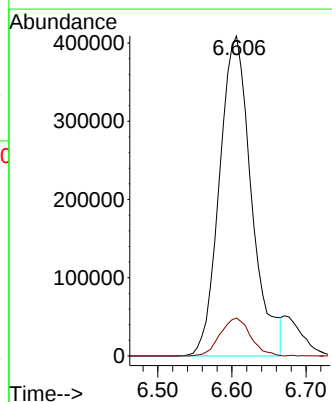
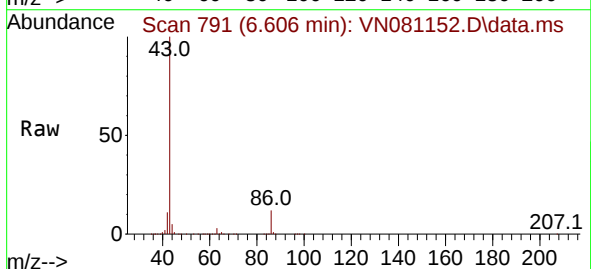
Manual Integrations
APPROVED

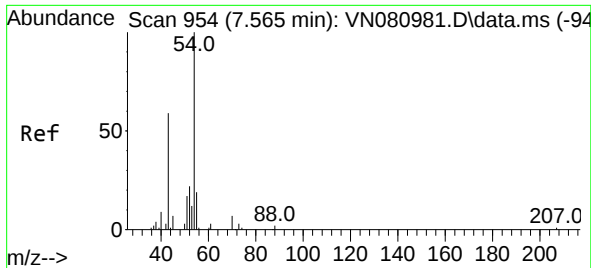
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
Vinyl Acetate
Concen: 118.140 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

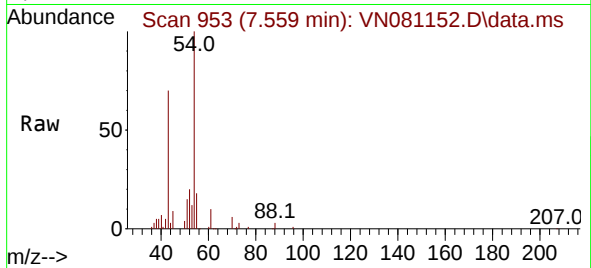
Tgt Ion: 43 Resp: 1229565
Ion Ratio Lower Upper
43 100
86 11.2 9.4 14.2





#43
Ethyl Acetate
Concen: 23.805 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

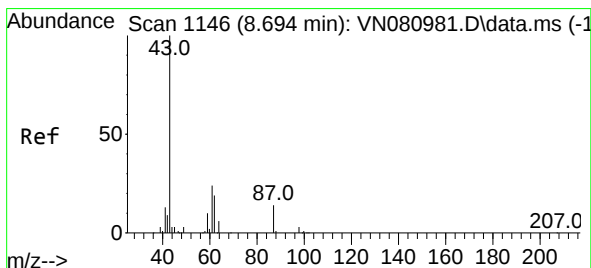
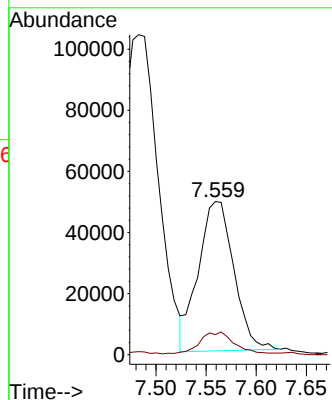
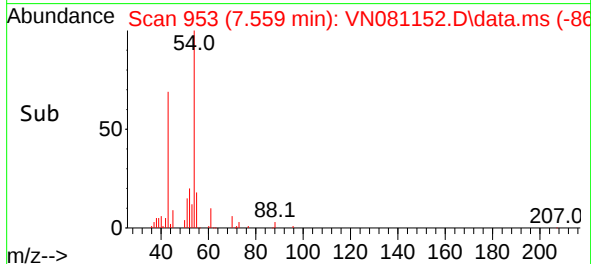
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 43 Resp: 120640
Ion Ratio Lower Upper
43 100
45 15.7 10.6 15.8

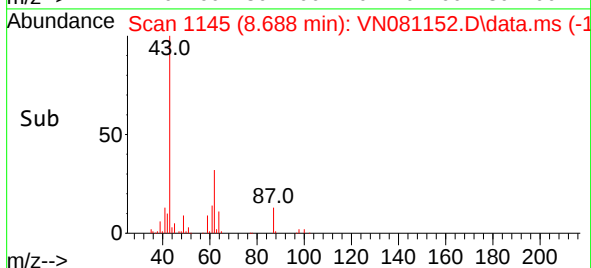
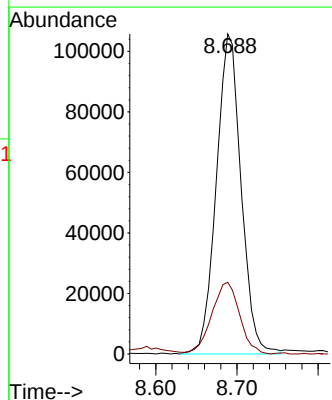
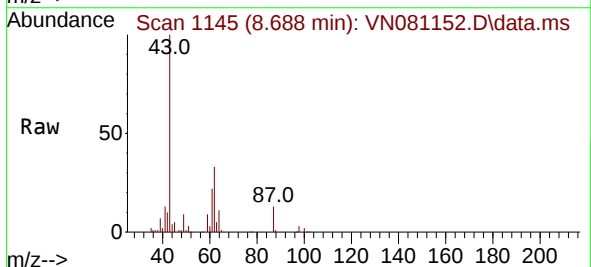
Manual Integrations
APPROVED

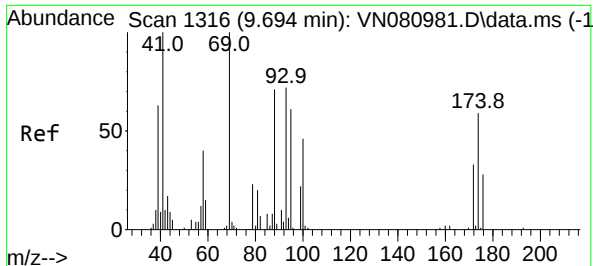
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#44
Isopropyl Acetate
Concen: 24.627 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

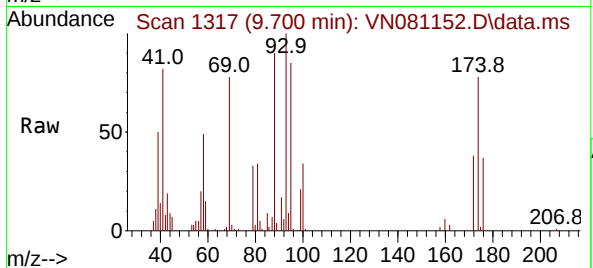
Tgt Ion: 43 Resp: 224254
Ion Ratio Lower Upper
43 100
61 25.1 25.0 37.4





#45
1,4-Dioxane
Concen: 530.109 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

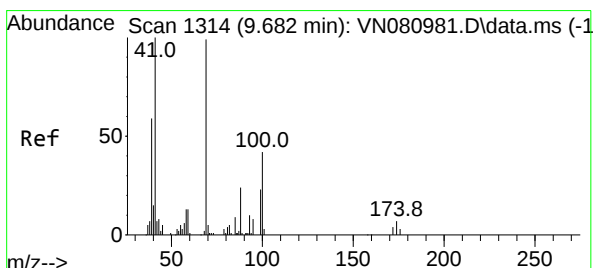
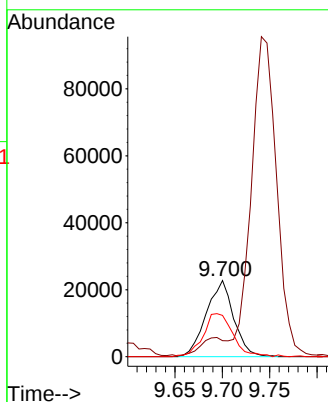
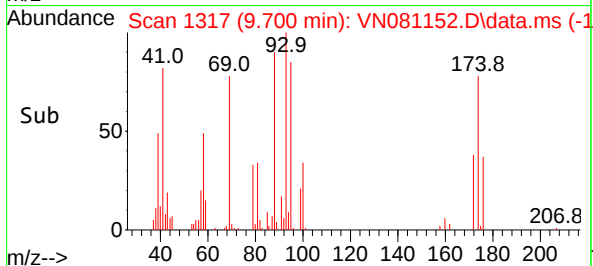
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



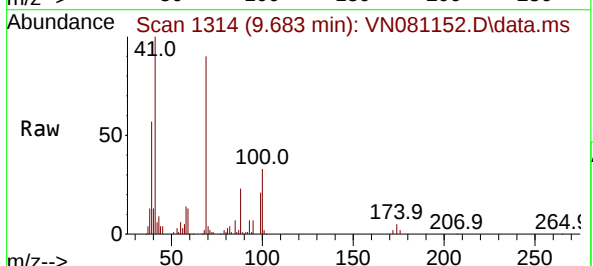
Tgt Ion: 88 Resp: 4578
Ion Ratio Lower Upper
88 100
43 24.8 19.8 29.6
58 60.9 55.4 83.0

Manual Integrations
APPROVED

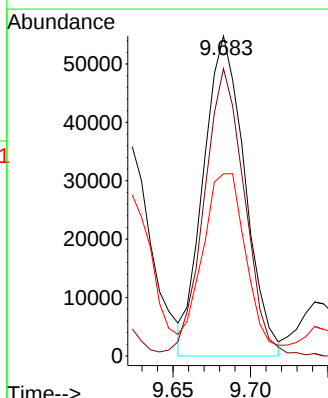
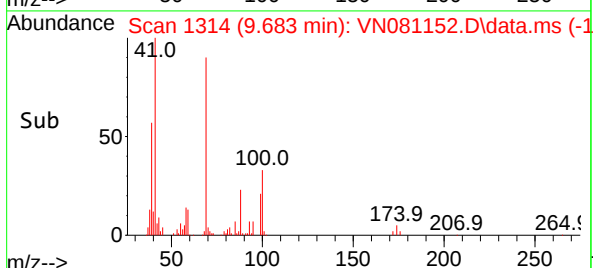
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

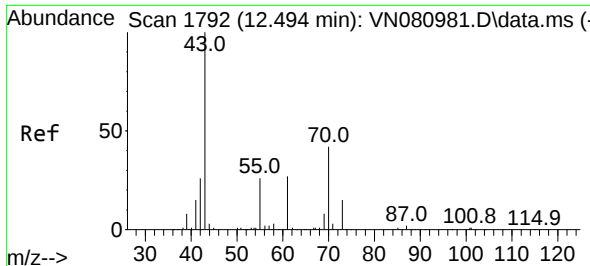


#46
Methyl methacrylate
Concen: 24.410 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



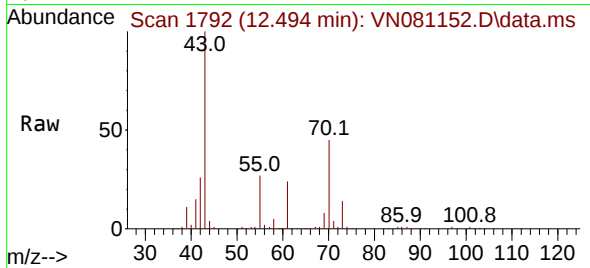
Tgt Ion: 41 Resp: 101707
Ion Ratio Lower Upper
41 100
69 91.0 51.1 153.3
39 56.1 25.8 77.3





#47
n-amyl acetate
Concen: 23.960 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

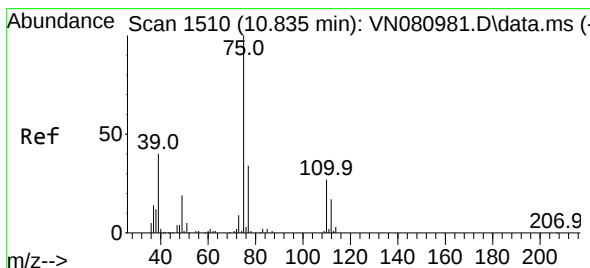
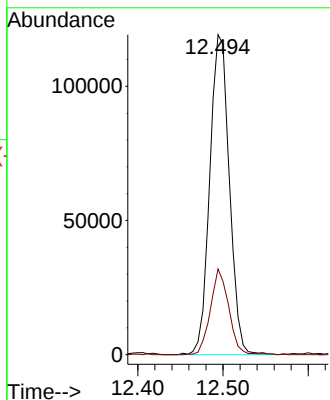
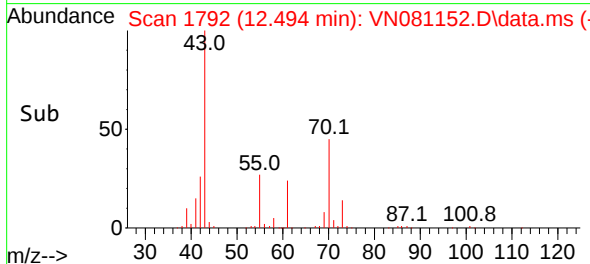
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



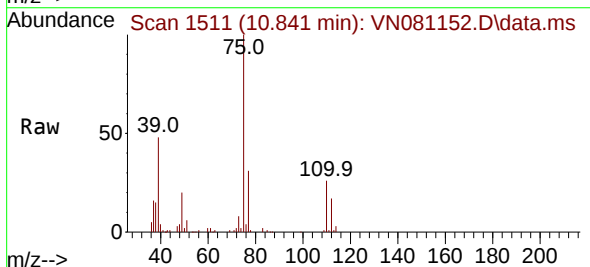
Tgt Ion: 43 Resp: 190278
Ion Ratio Lower Upper
43 100
55 24.8 23.4 35.2

Manual Integrations
APPROVED

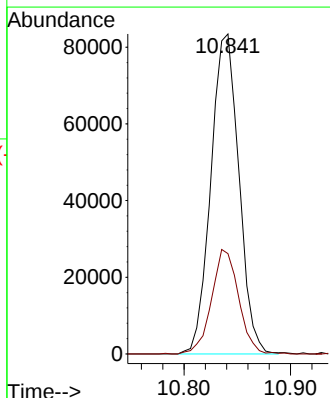
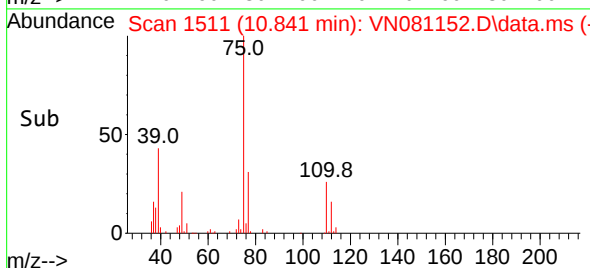
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

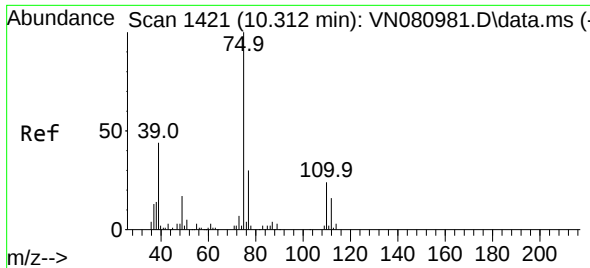


#48
t-1,3-Dichloropropene
Concen: 20.365 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



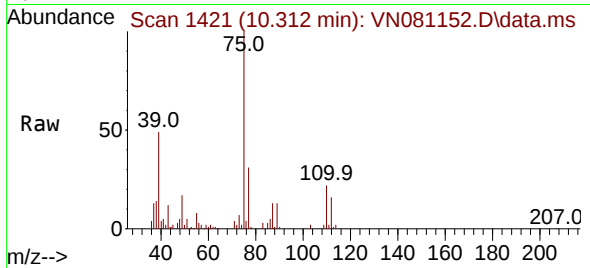
Tgt Ion: 75 Resp: 152768
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 20.353 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

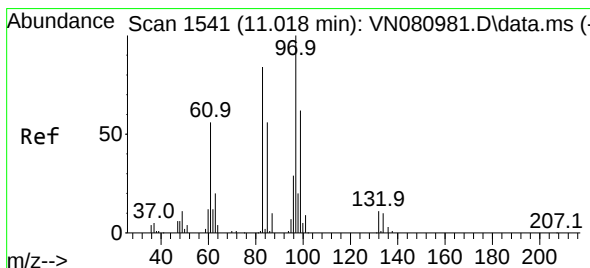
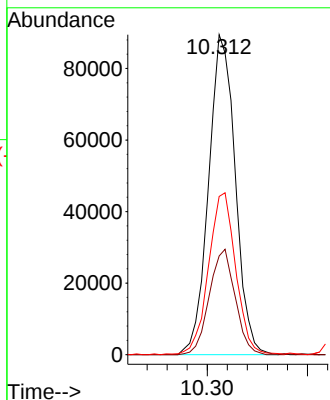
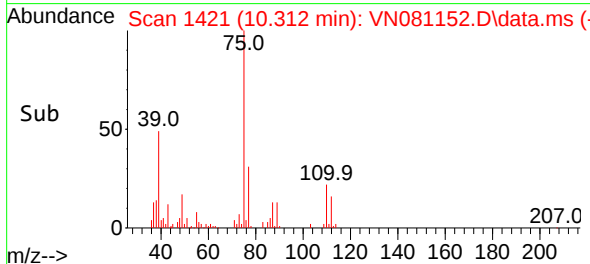
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01



Tgt Ion: 75 Resp: 16543
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3
 39 49.2 31.0 46.6

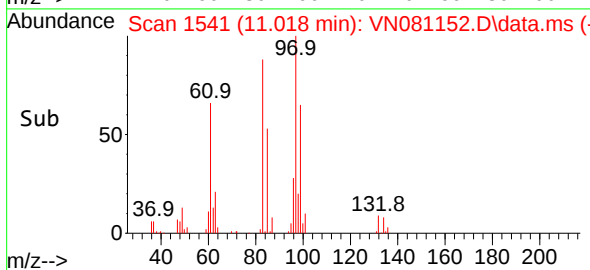
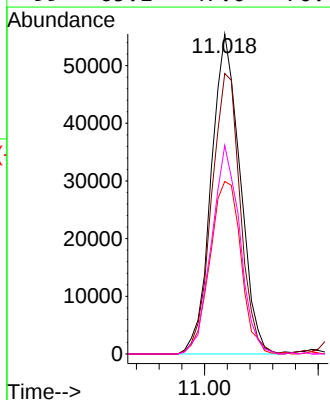
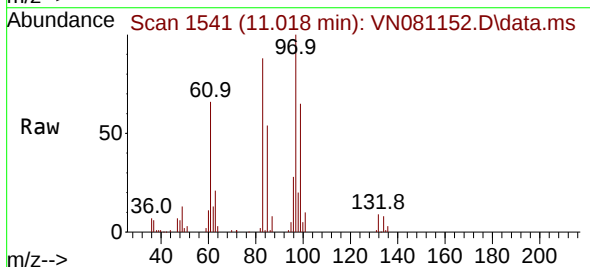
Manual Integrations
 APPROVED

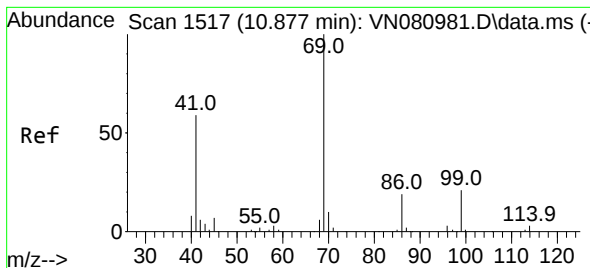
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.336 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

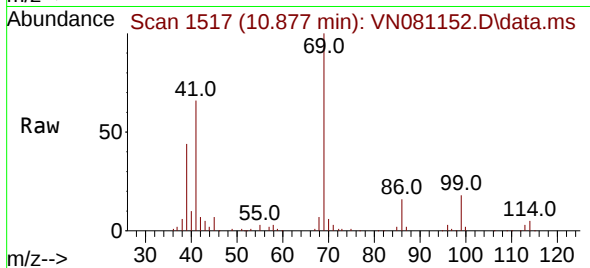
Tgt Ion: 97 Resp: 97846
 Ion Ratio Lower Upper
 97 100
 83 87.6 68.1 102.1
 85 53.9 41.8 62.6
 99 65.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 21.087 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

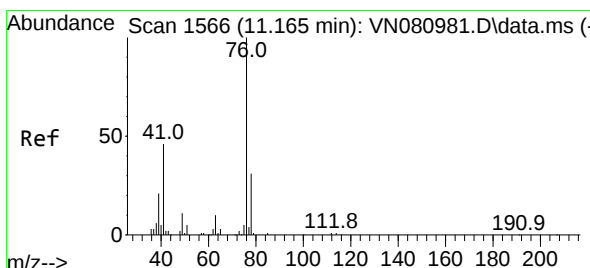
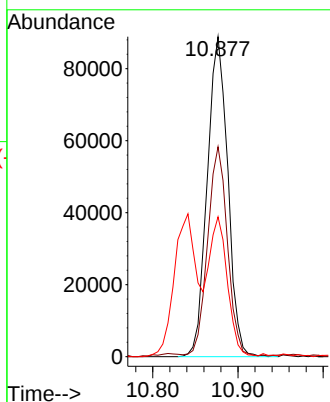
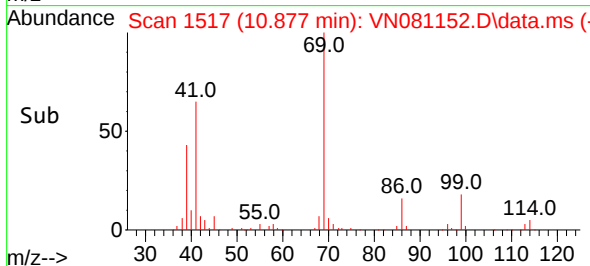
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 69 Resp: 149135
Ion Ratio Lower Upper
69 100
41 65.1 25.5 76.5
39 43.4 16.0 47.9

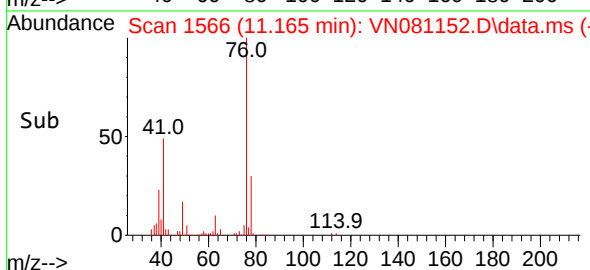
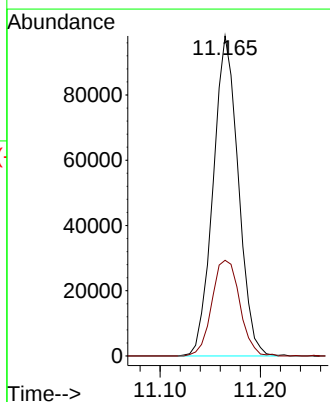
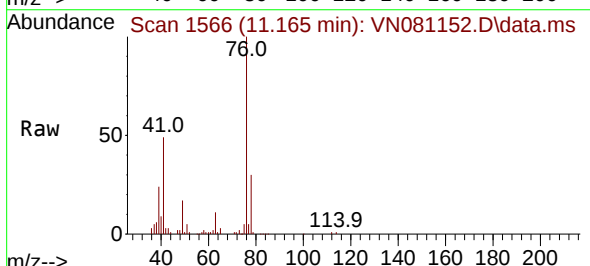
Manual Integrations
APPROVED

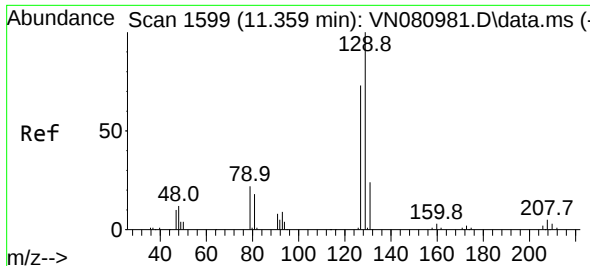
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
1,3-Dichloropropane
Concen: 20.516 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

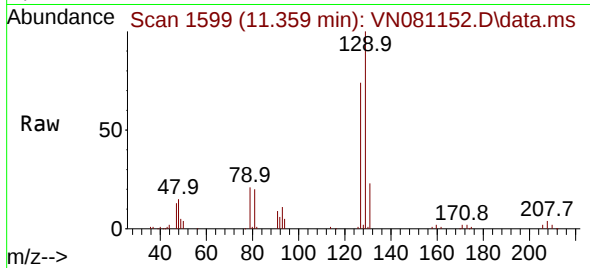
Tgt Ion: 76 Resp: 171435
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8





#53
Dibromochloromethane
Concen: 18.775 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

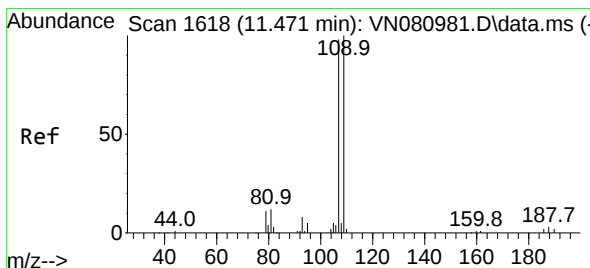
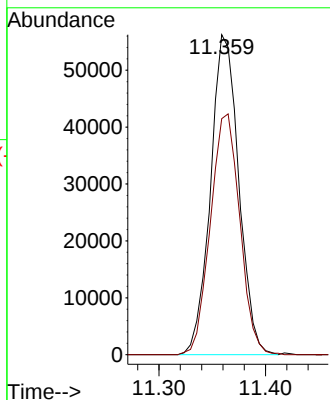
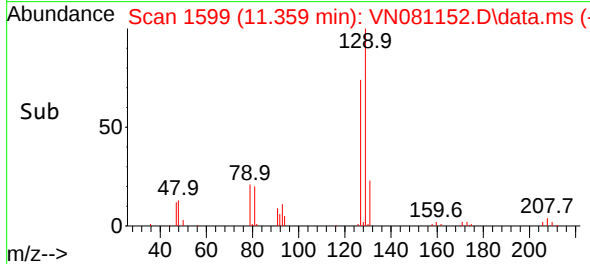
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion:129 Resp: 10355
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1

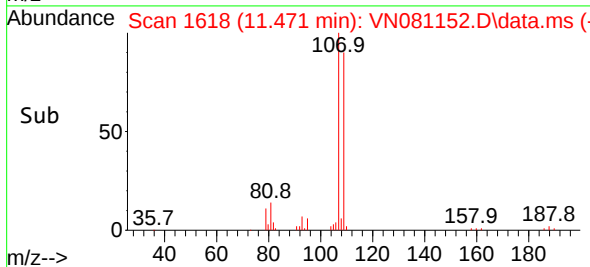
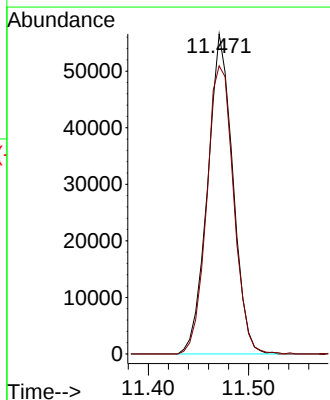
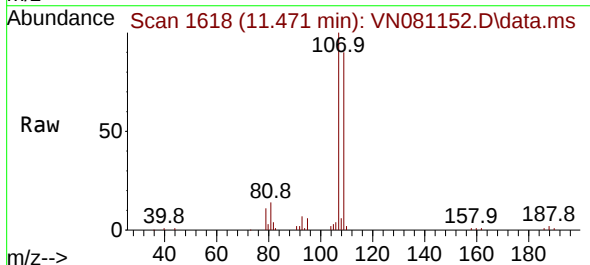
Manual Integrations
APPROVED

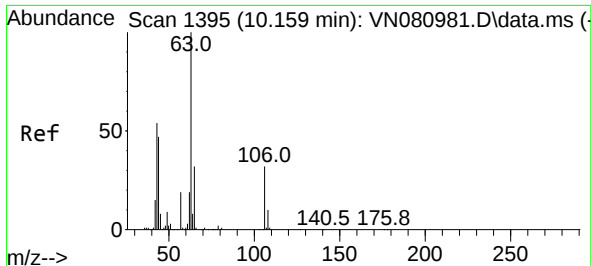
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#54
1,2-Dibromoethane
Concen: 18.955 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

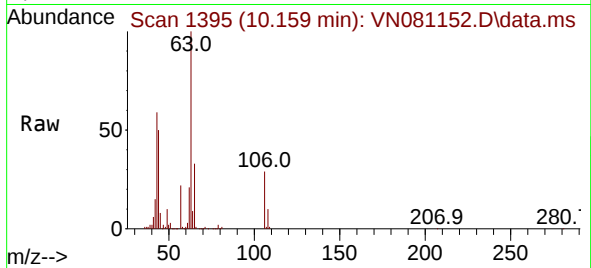
Tgt Ion:107 Resp: 99233
Ion Ratio Lower Upper
107 100
109 95.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 72.683 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

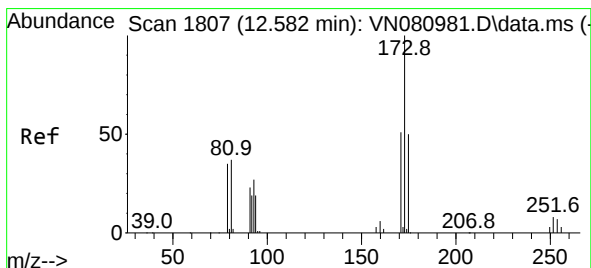
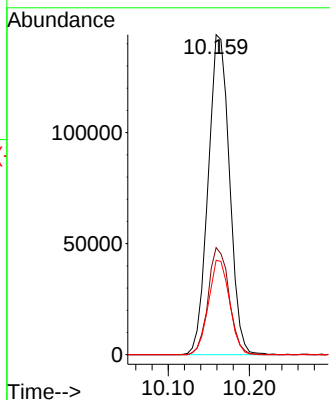
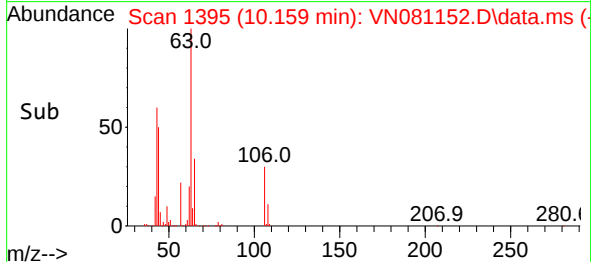
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 63 Resp: 263429
Ion Ratio Lower Upper
63 100
65 32.8 26.2 39.2
106 29.1 23.8 35.8

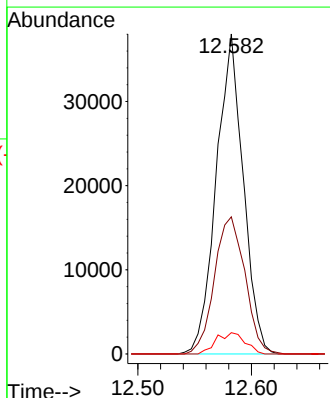
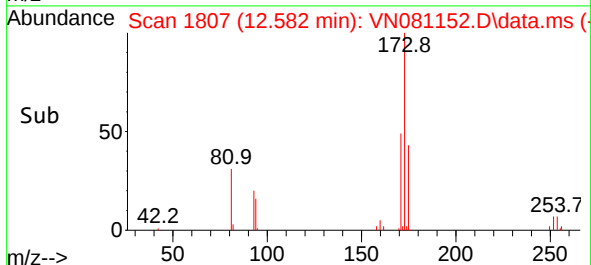
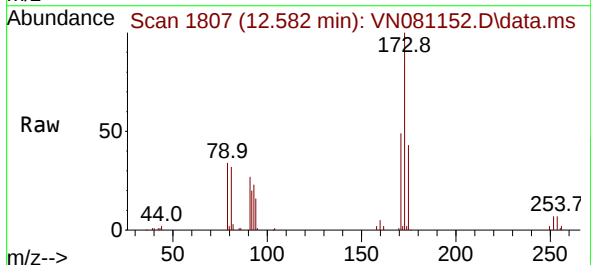
Manual Integrations
APPROVED

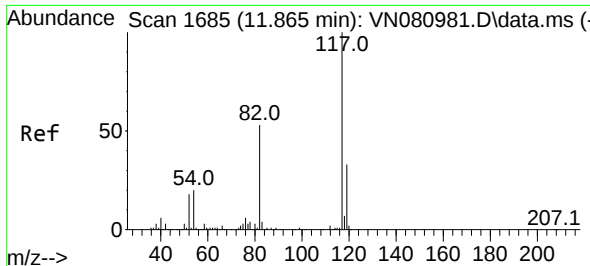
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#56
Bromoform
Concen: 17.827 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

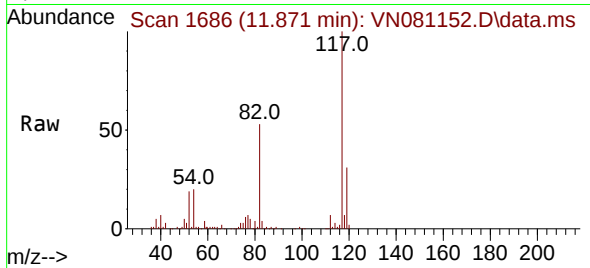
Tgt Ion:173 Resp: 62619
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 7.2 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

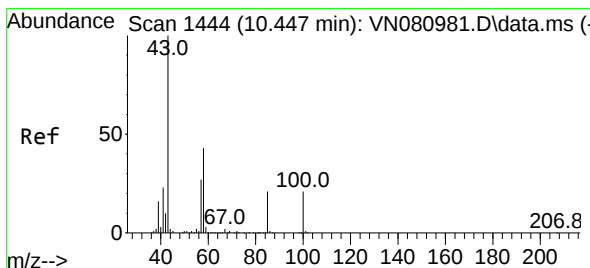
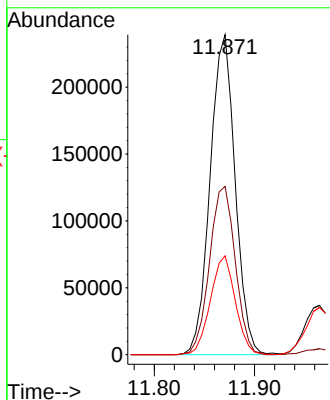
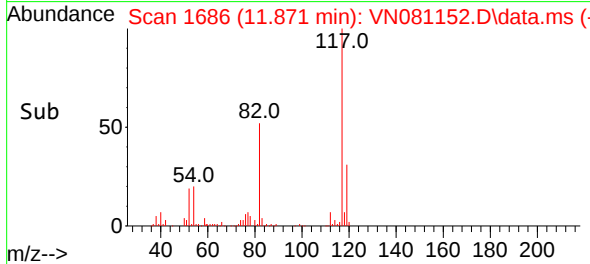
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion:117 Resp: 415239
Ion Ratio Lower Upper
117 100
82 54.2 46.6 69.8
119 30.7 25.4 38.2

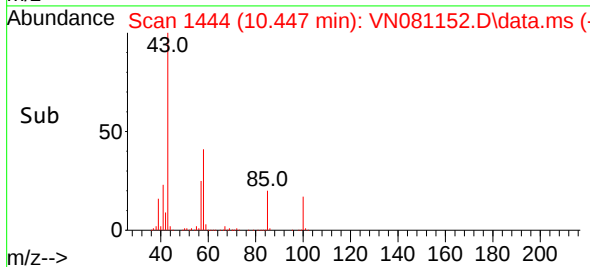
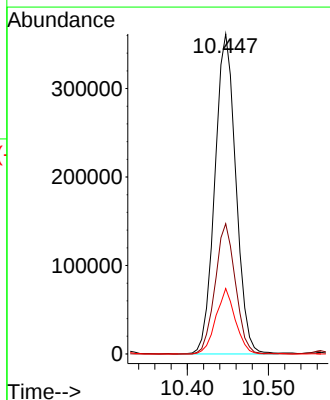
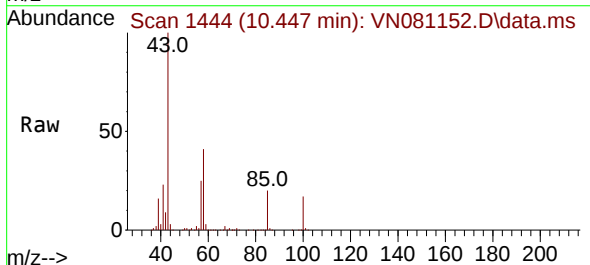
Manual Integrations
APPROVED

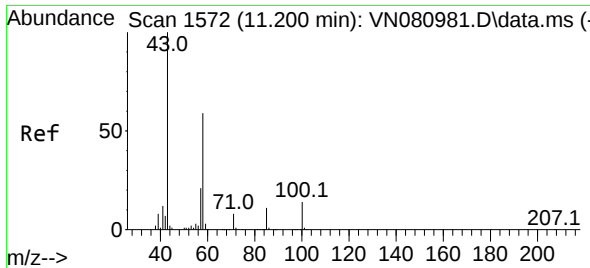
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#58
4-Methyl-2-Pentanone
Concen: 120.659 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

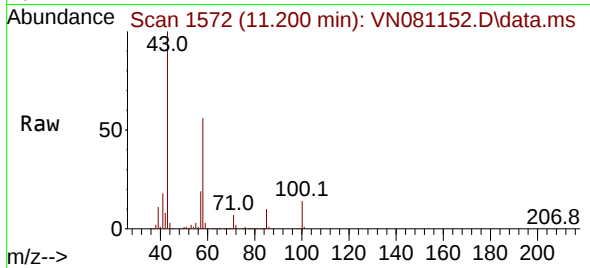
Tgt Ion: 43 Resp: 650468
Ion Ratio Lower Upper
43 100
58 39.4 36.5 54.7
85 19.0 19.5 29.3





#59
2-Hexanone
Concen: 119.922 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

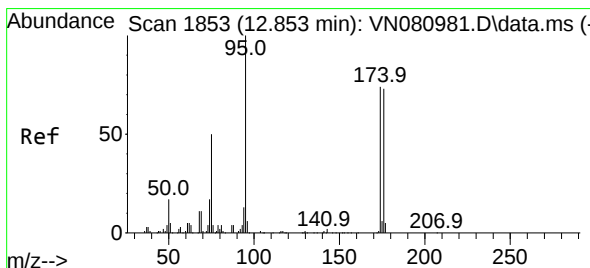
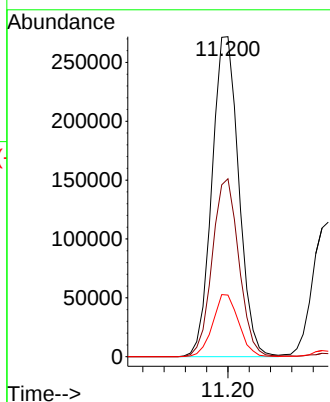
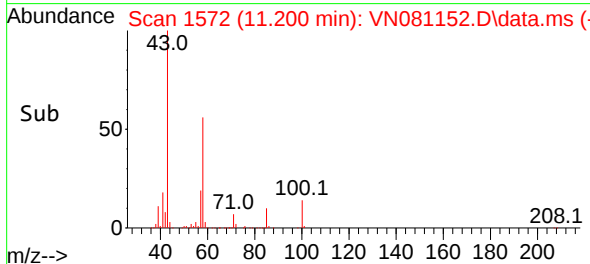
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 43 Resp: 475498
Ion Ratio Lower Upper
43 100
58 55.3 50.4 75.6
57 18.8 18.6 27.8

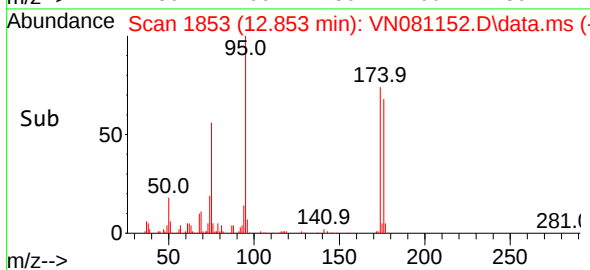
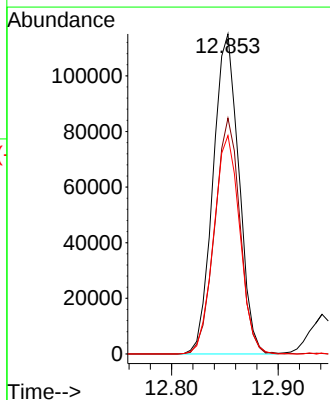
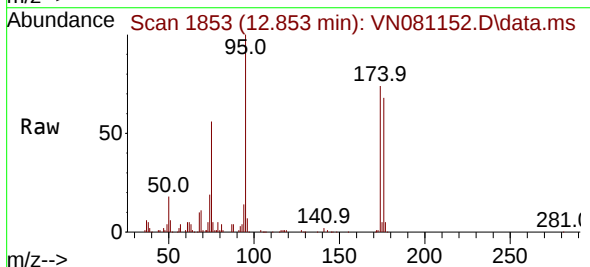
Manual Integrations
APPROVED

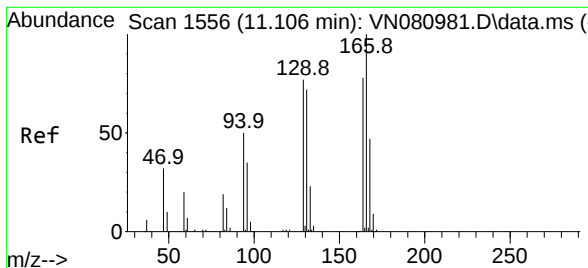
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
4-Bromofluorobenzene
Concen: 30.494 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

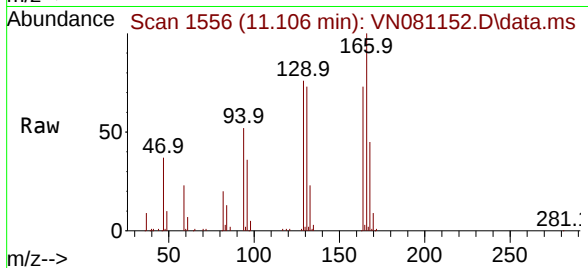
Tgt Ion: 95 Resp: 193578
Ion Ratio Lower Upper
95 100
174 71.9 60.5 90.7
176 69.0 57.8 86.6





#61
Tetrachloroethene
Concen: 19.135 ug/l
RT: 11.106 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

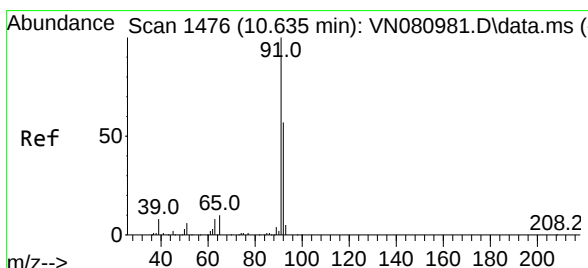
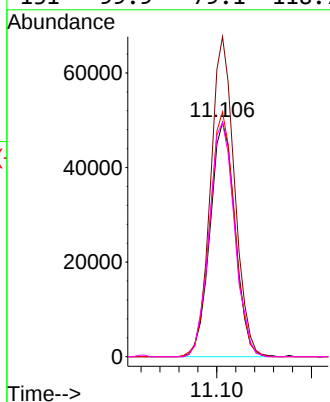
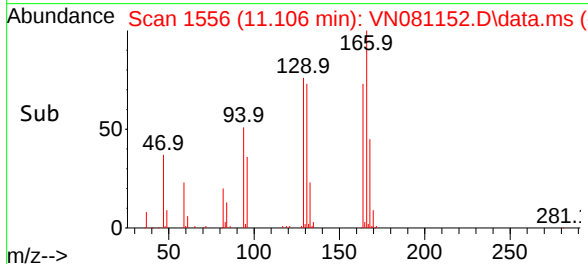
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



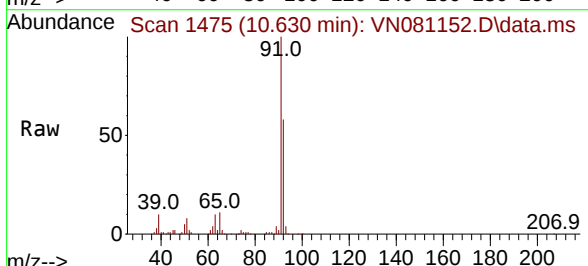
Tgt Ion:164 Resp: 90764
Ion Ratio Lower Upper
164 100
166 136.5 106.7 160.1
129 104.4 85.8 128.6
131 99.9 79.1 118.7

Manual Integrations
APPROVED

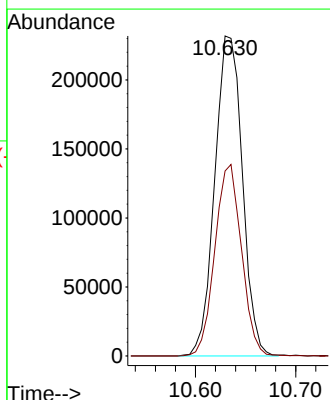
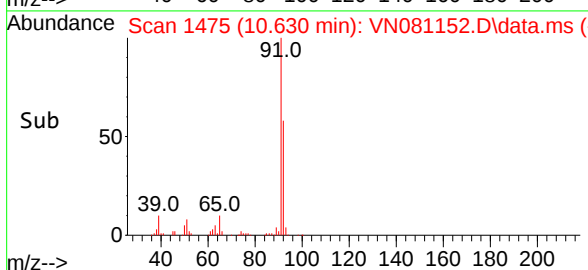
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

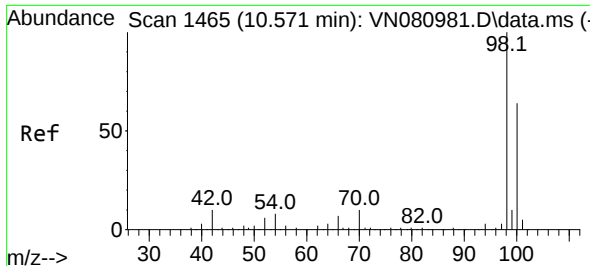


#62
Toluene
Concen: 19.510 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



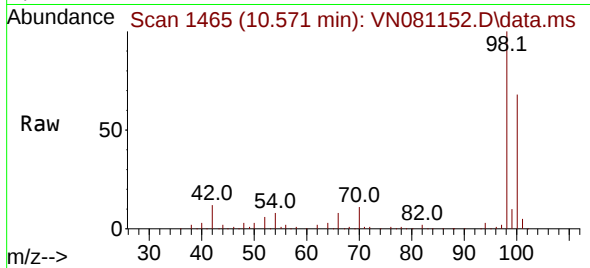
Tgt Ion: 91 Resp: 443783
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 29.535 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

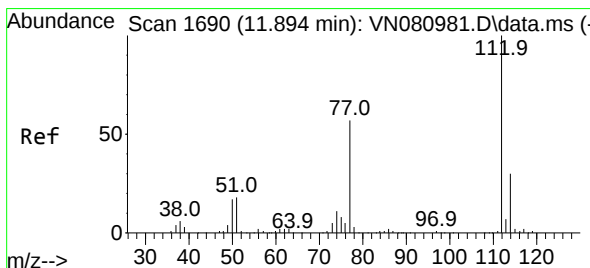
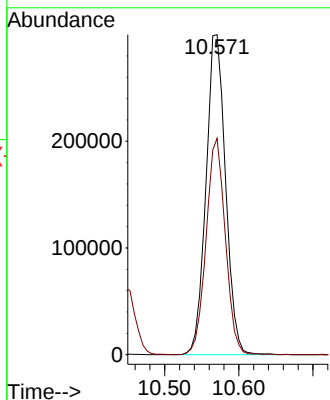
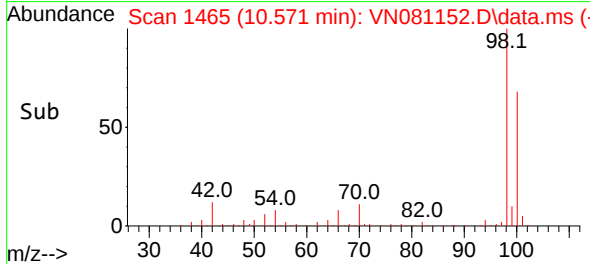
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 98 Resp: 55037
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

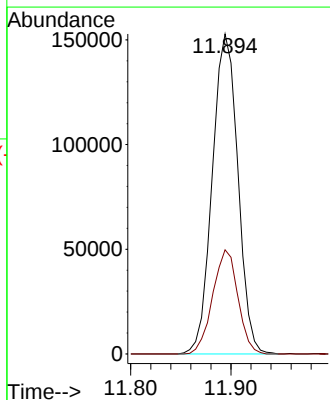
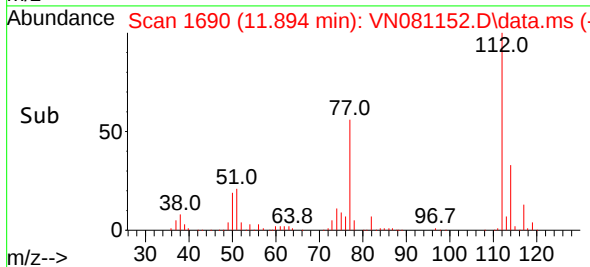
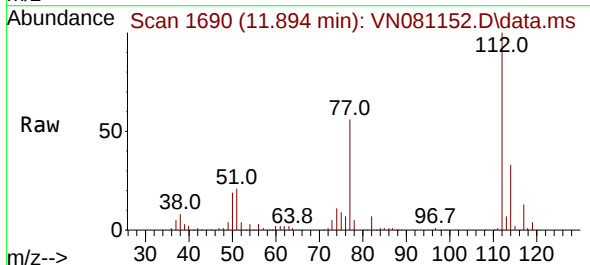
Manual Integrations
APPROVED

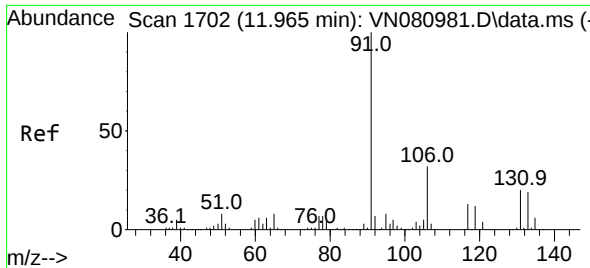
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Chlorobenzene
Concen: 19.452 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion:112 Resp: 270987
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





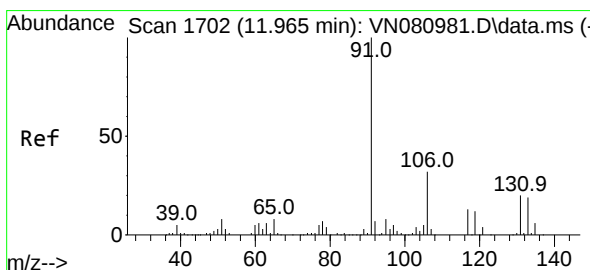
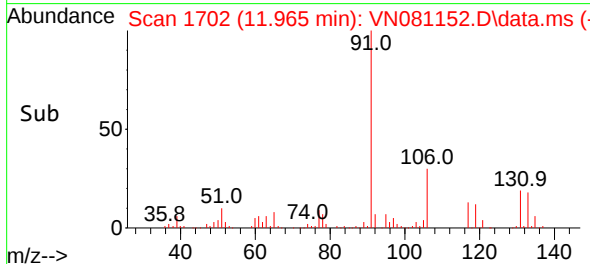
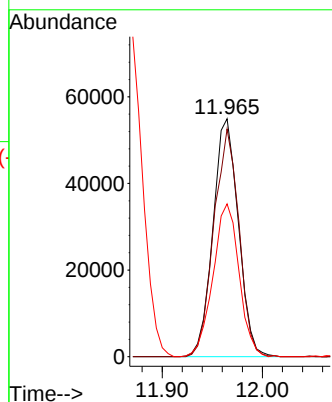
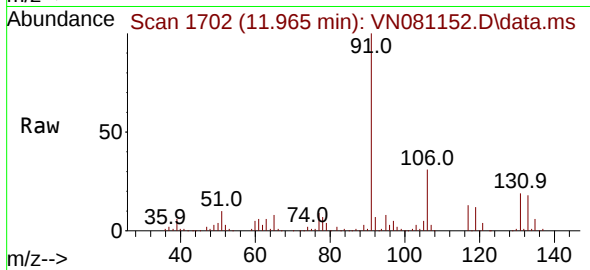
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.751 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Tgt Ion:131 Resp: 96890
 Ion Ratio Lower Upper
 131 100
 133 94.3 0.0 188.0
 119 65.8 0.0 122.8

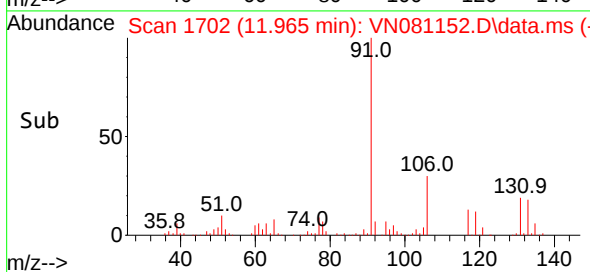
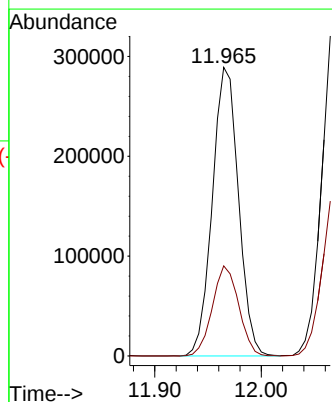
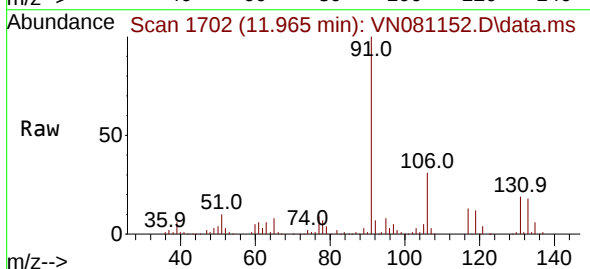
Manual Integrations
 APPROVED

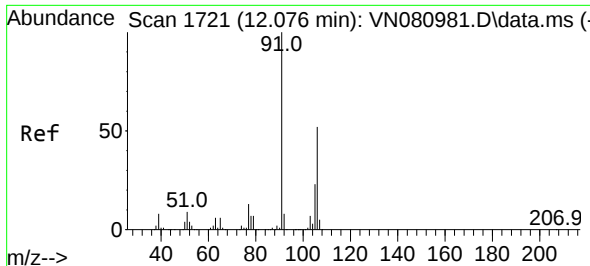
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#66
 Ethyl Benzene
 Concen: 20.599 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

Tgt Ion: 91 Resp: 492651
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.4 36.6





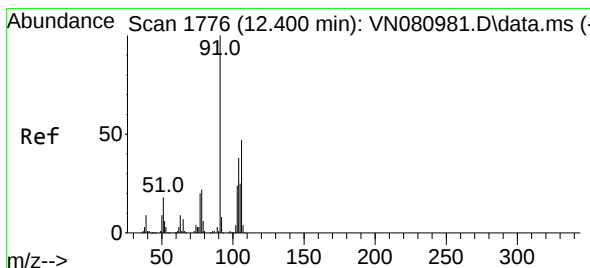
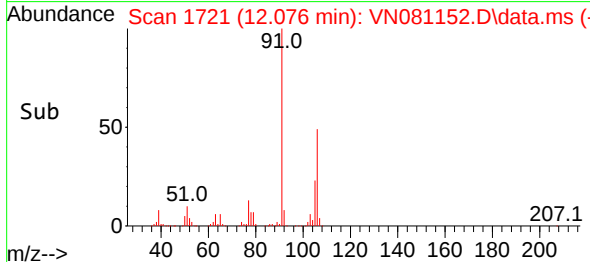
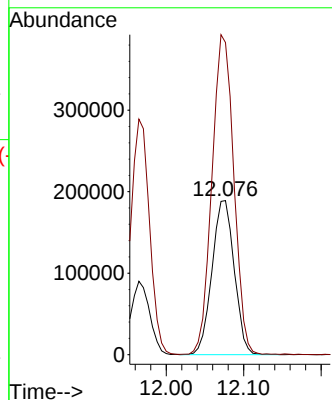
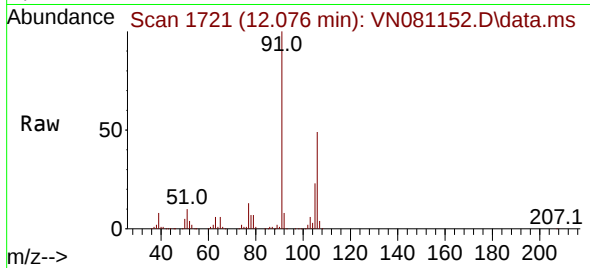
#67
m/p-Xylenes
Concen: 40.144 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion:106 Resp: 37704
Ion Ratio Lower Upper
106 100
91 203.9 166.6 249.8

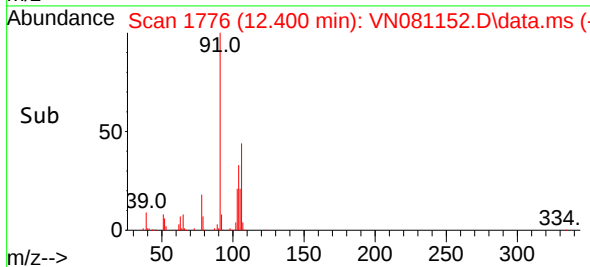
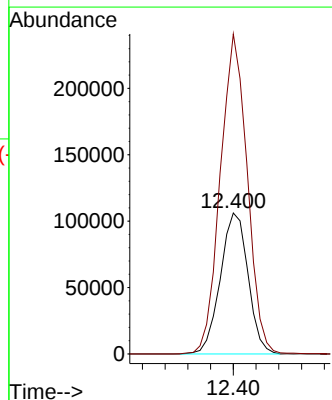
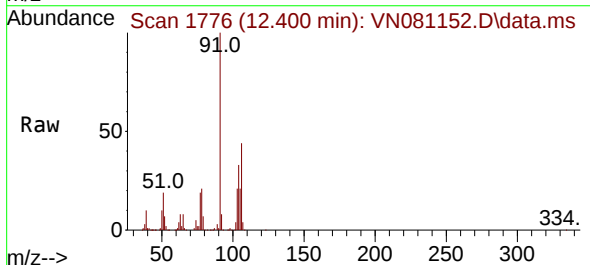
Manual Integrations
APPROVED

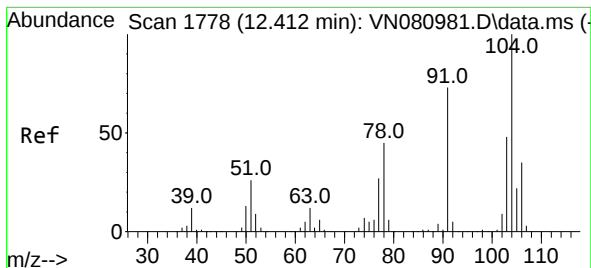
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#68
o-Xylene
Concen: 19.530 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion:106 Resp: 179764
Ion Ratio Lower Upper
106 100
91 220.5 110.0 330.0





#69

Styrene

Concen: 19.504 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

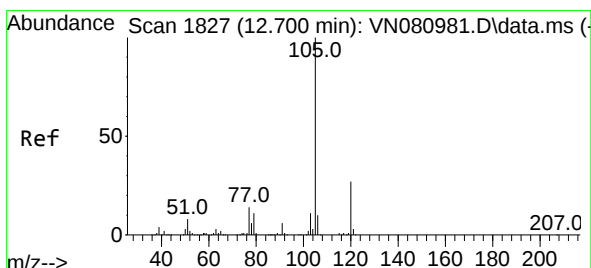
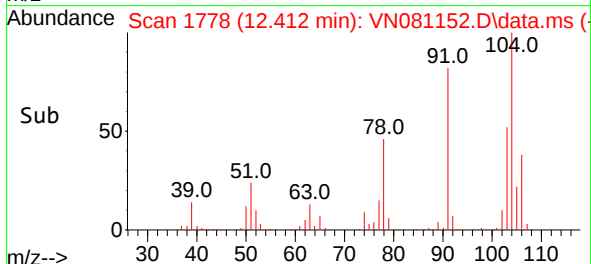
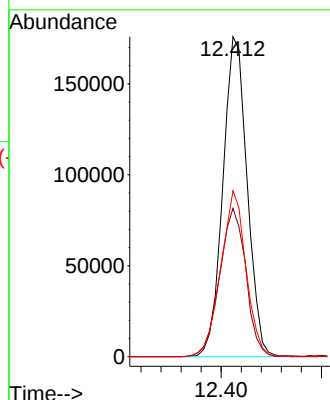
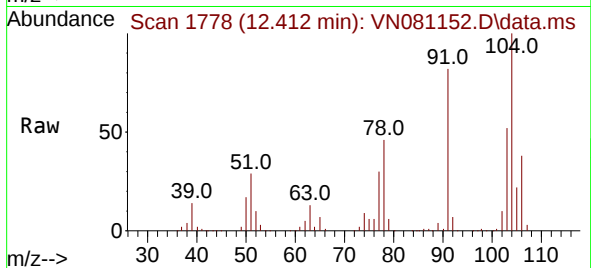
Tgt Ion:104 Resp: 29554
 Ion Ratio Lower Upper
 104 100
 78 50.2 42.6 64.0
 103 53.8 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#70

Isopropylbenzene

Concen: 21.297 ug/l

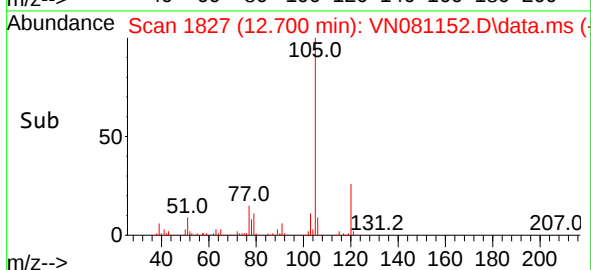
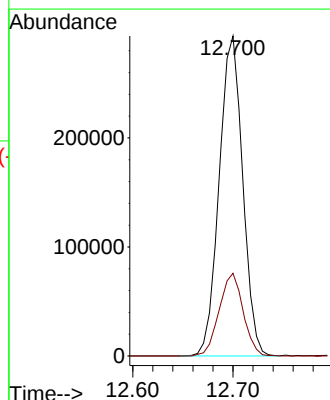
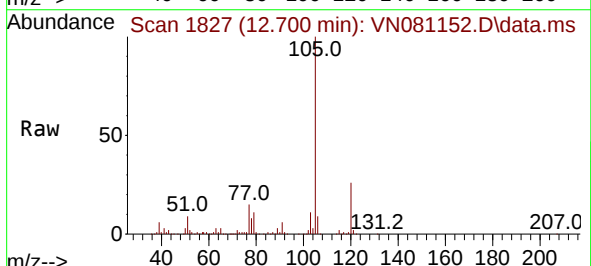
RT: 12.700 min Scan# 1827

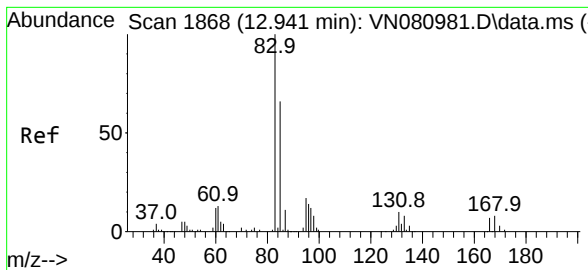
Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

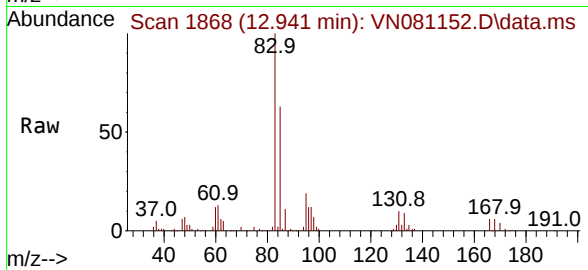
Tgt Ion:105 Resp: 477715
 Ion Ratio Lower Upper
 105 100
 120 26.3 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.143 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

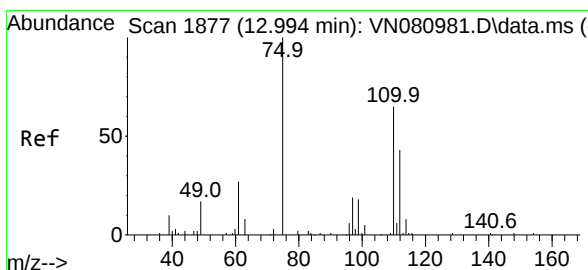
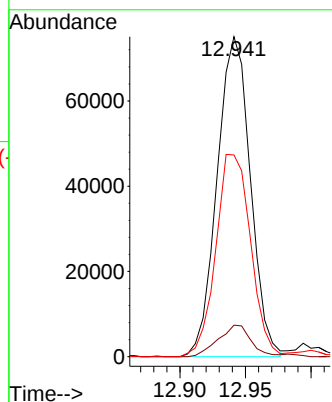
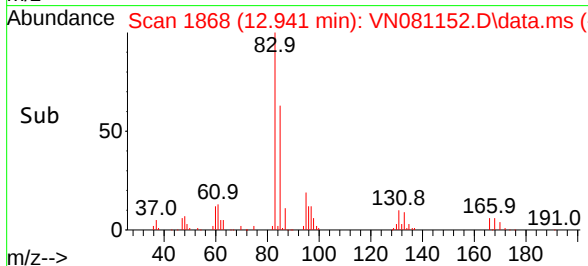
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



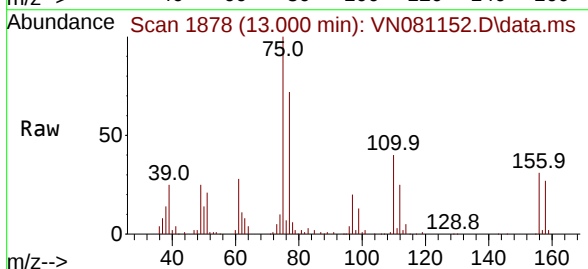
Tgt Ion: 83 Resp: 13241
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 65.9 32.3 96.8

Manual Integrations
APPROVED

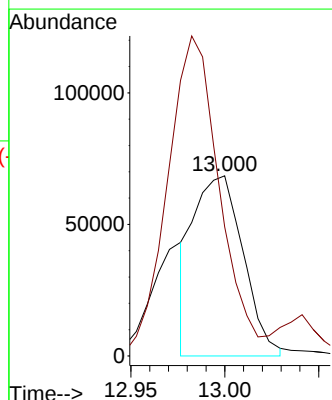
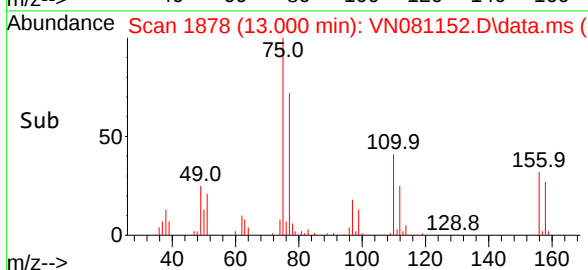
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

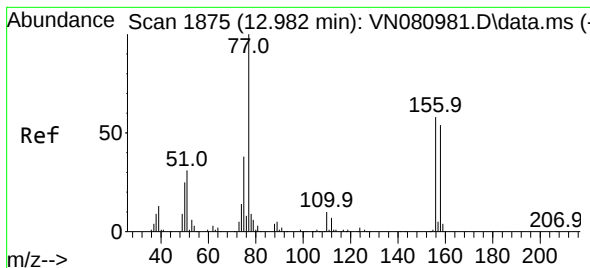


#72
1,2,3-Trichloropropane
Concen: 23.170 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



Tgt Ion: 75 Resp: 125455
Ion Ratio Lower Upper
75 100
77 186.1 0.0 367.6





#73

Bromobenzene

Concen: 18.590 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

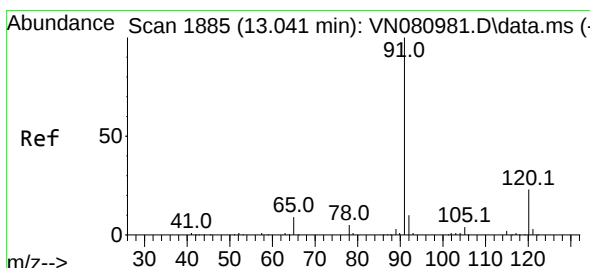
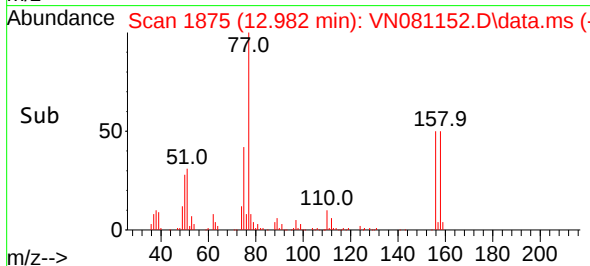
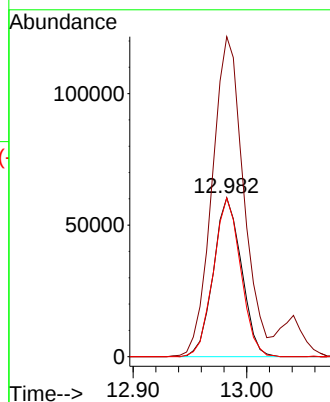
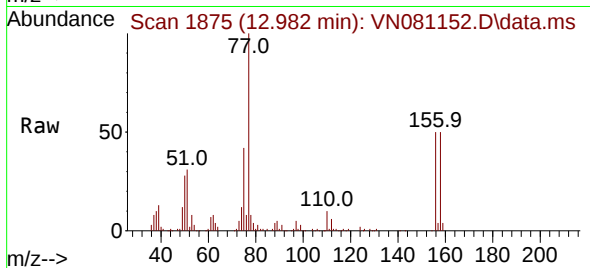
Tgt Ion:	156	Resp:	10370
Ion Ratio	Lower	Upper	
156	100		
77	225.1	0.0	437.6
158	97.4	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#74

n-propylbenzene

Concen: 22.290 ug/l

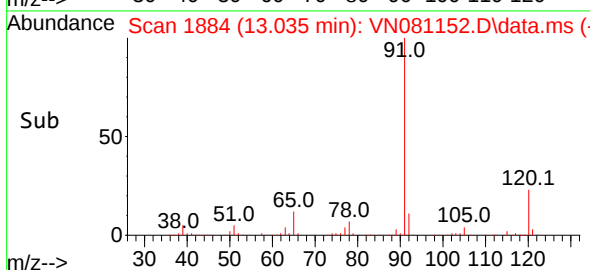
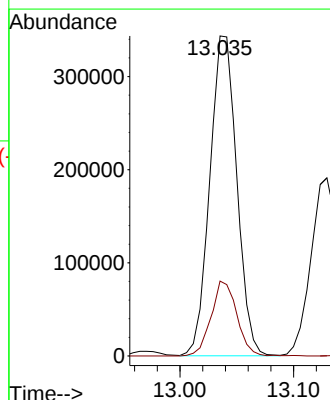
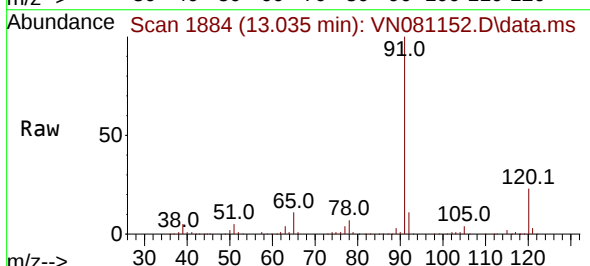
RT: 13.035 min Scan# 1884

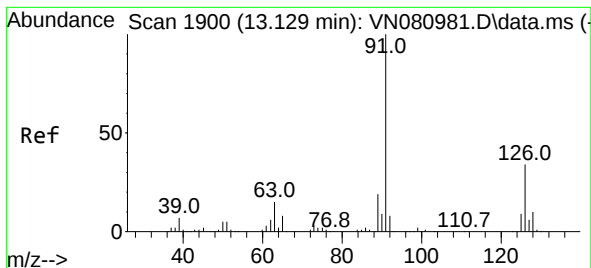
Delta R.T. -0.006 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Tgt Ion:	91	Resp:	568234
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	43.8





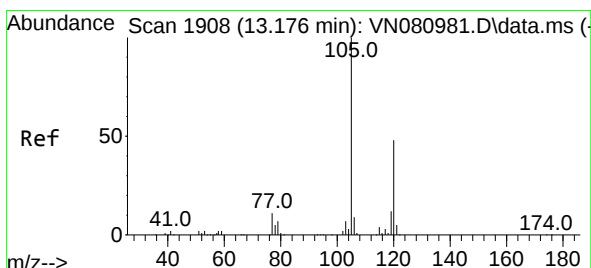
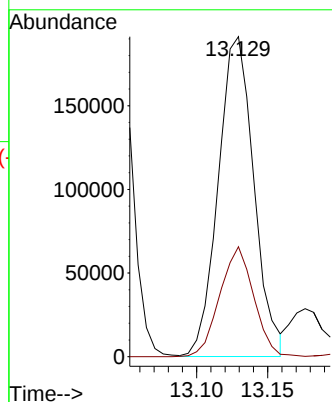
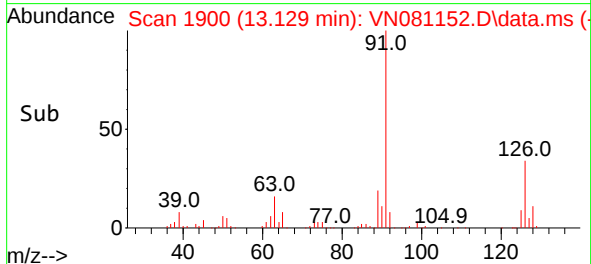
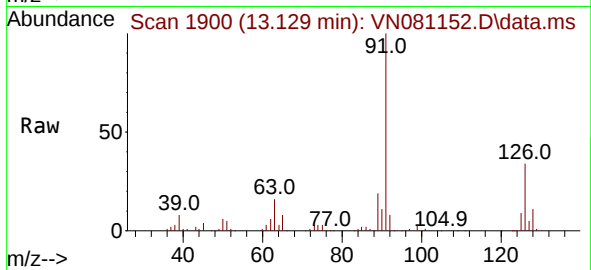
#75
2-Chlorotoluene
Concen: 21.102 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Tgt Ion: 91 Resp: 333940
Ion Ratio Lower Upper
91 100
126 32.6 0.0 61.2

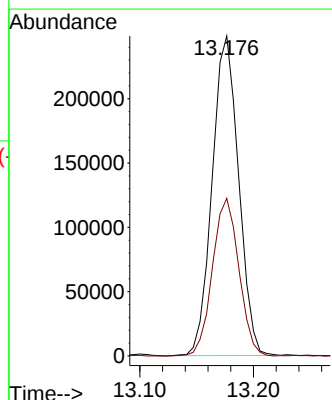
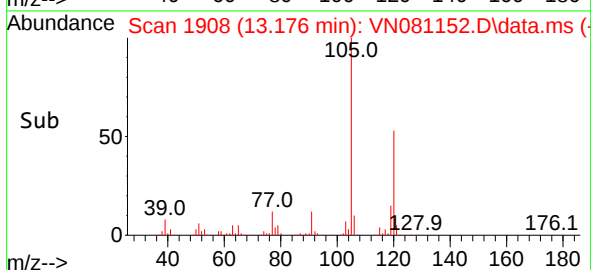
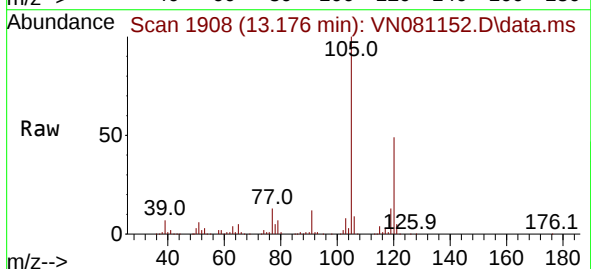
Manual Integrations
APPROVED

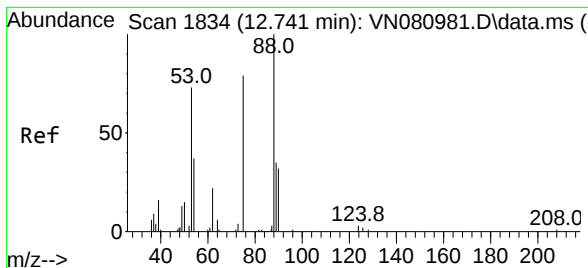
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.870 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

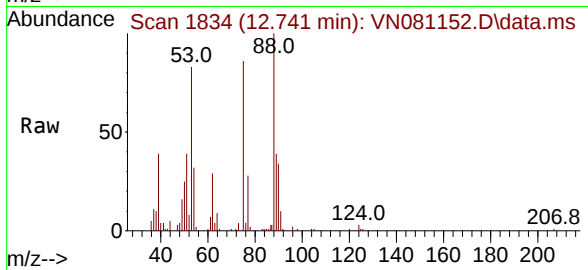
Tgt Ion:105 Resp: 401394
Ion Ratio Lower Upper
105 100
120 49.3 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.467 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

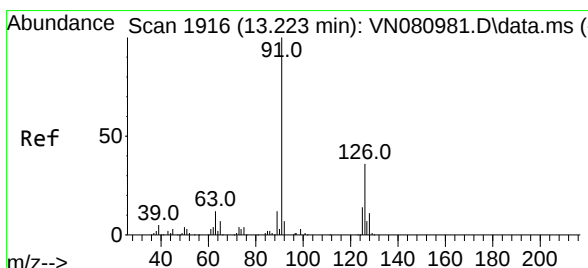
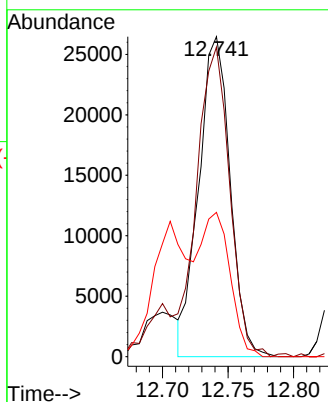
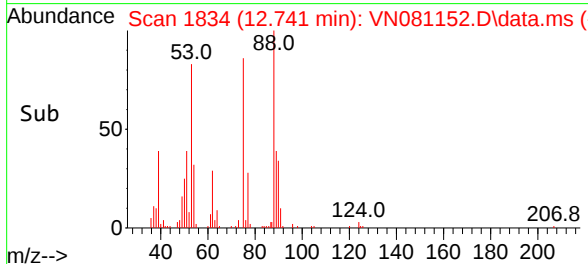
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 75 Resp: 43980
Ion Ratio Lower Upper
75 100
53 96.0 45.9 137.7
89 45.1 25.9 77.7

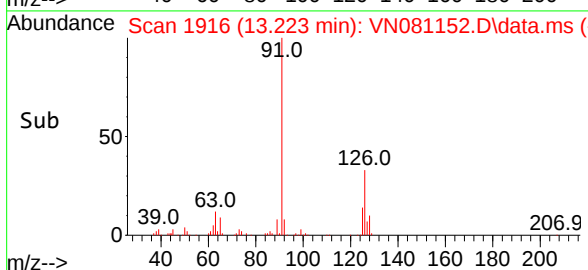
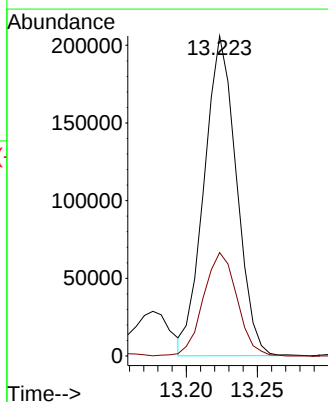
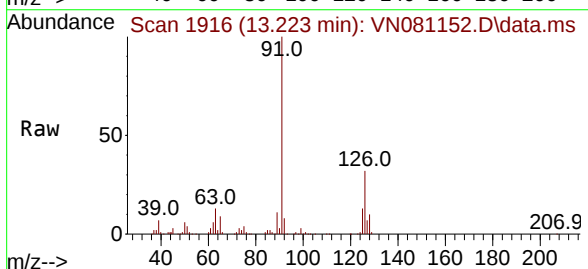
Manual Integrations
APPROVED

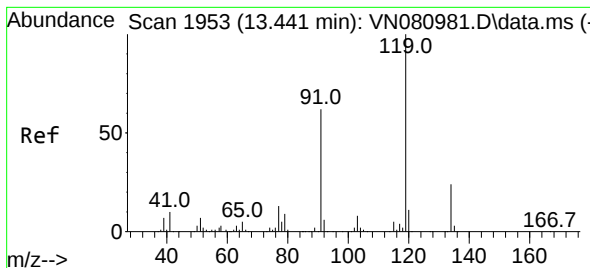
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#78
4-Chlorotoluene
Concen: 20.568 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

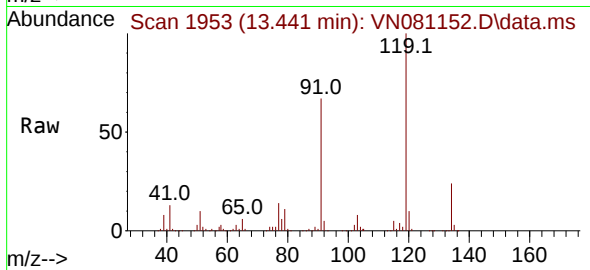
Tgt Ion: 91 Resp: 326015
Ion Ratio Lower Upper
91 100
126 33.7 0.0 62.8





#79
tert-butylbenzene
Concen: 22.183 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

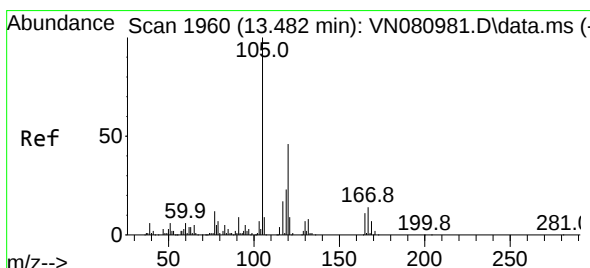
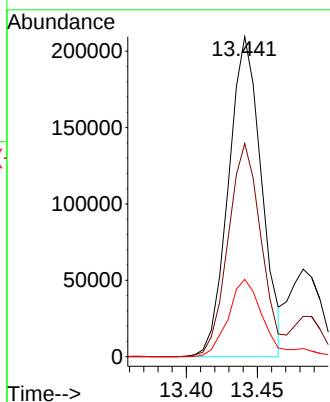
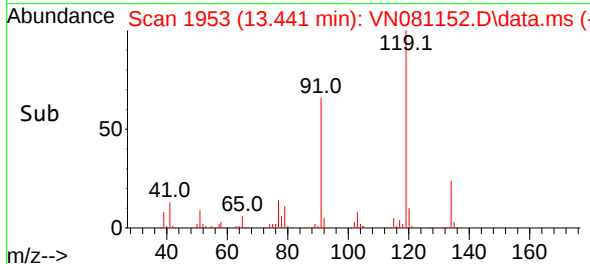
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



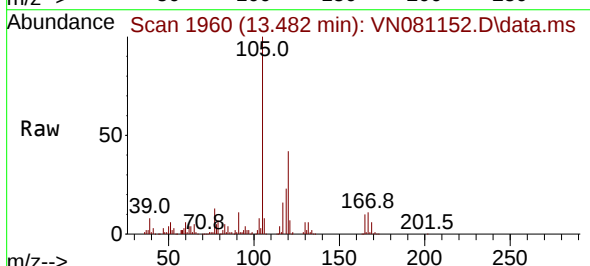
Tgt Ion:119 Resp: 337970
Ion Ratio Lower Upper
119 100
91 67.8 0.0 138.8
134 24.6 0.0 48.6

Manual Integrations
APPROVED

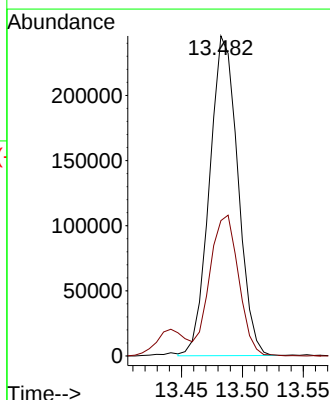
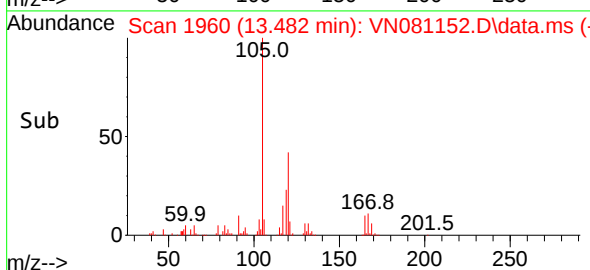
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

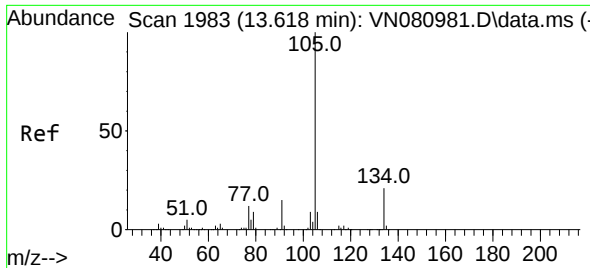


#80
1,2,4-Trimethylbenzene
Concen: 21.765 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



Tgt Ion:105 Resp: 398014
Ion Ratio Lower Upper
105 100
120 44.8 0.0 86.8





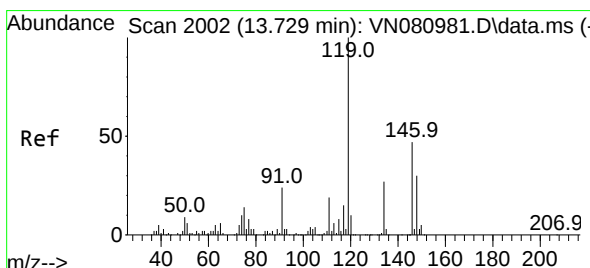
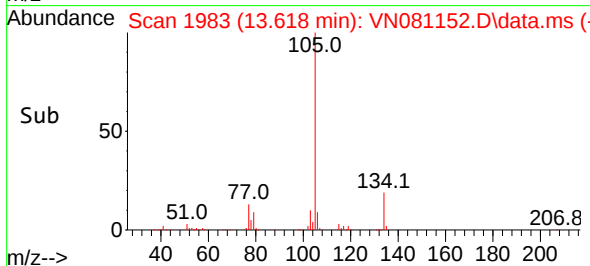
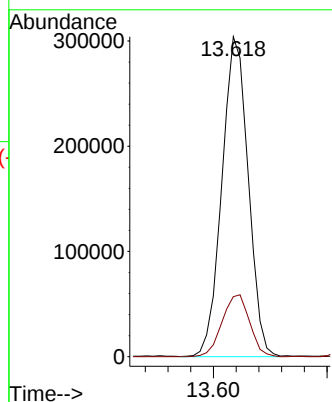
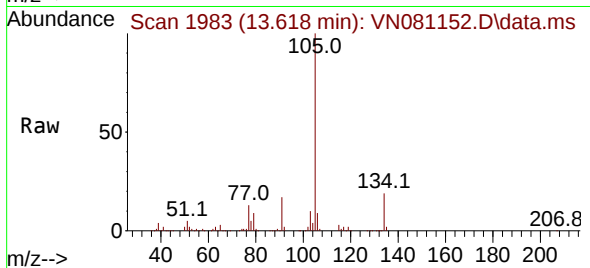
#81
 sec-Butylbenzene
 Concen: 22.960 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Tgt Ion:105 Resp: 489870
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0

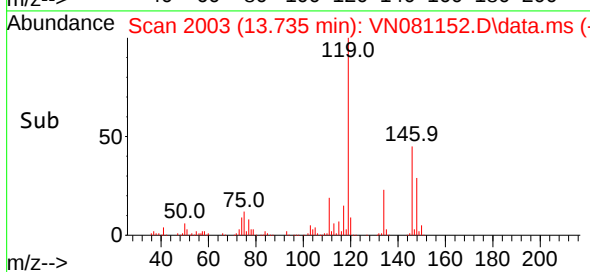
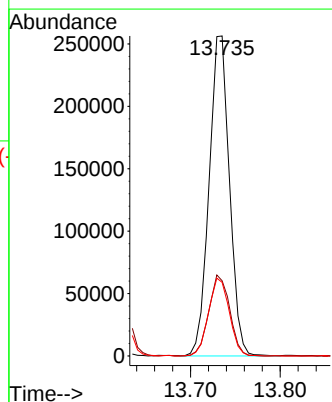
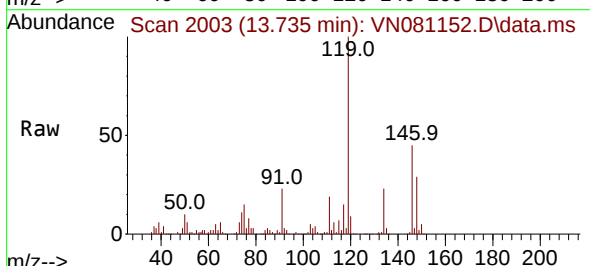
Manual Integrations
 APPROVED

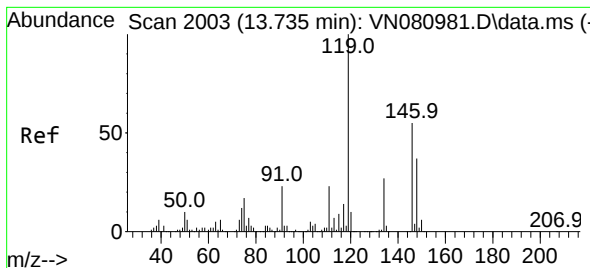
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#82
 p-Isopropyltoluene
 Concen: 22.590 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081152.D
 Acq: 23 Feb 2024 10:12

Tgt Ion:119 Resp: 404620
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 49.2
 91 24.7 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.737 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion:146 Resp: 198020

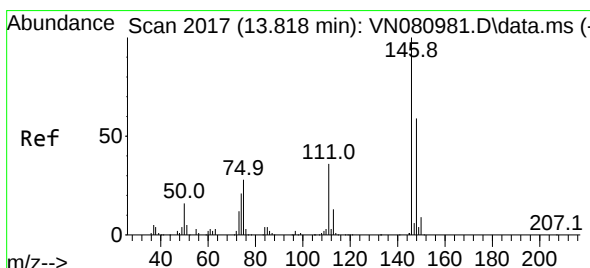
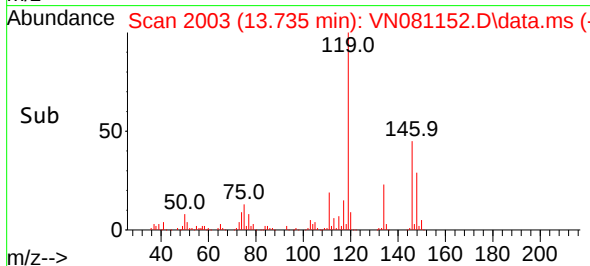
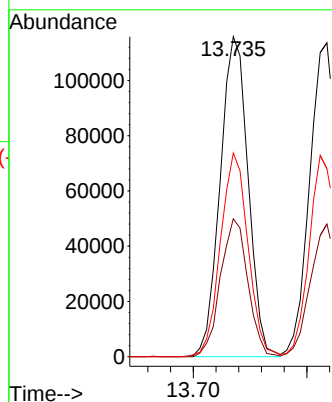
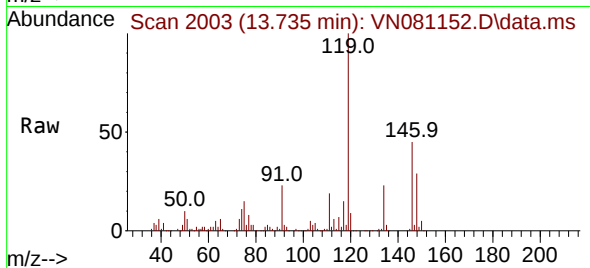
Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.4	67.0
148	62.7	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#84

1,4-Dichlorobenzene

Concen: 19.545 ug/l

RT: 13.818 min Scan# 2017

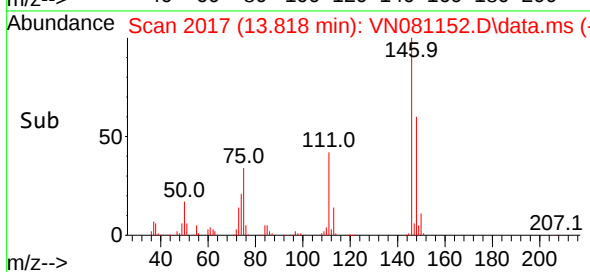
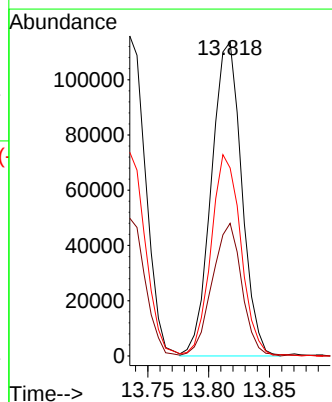
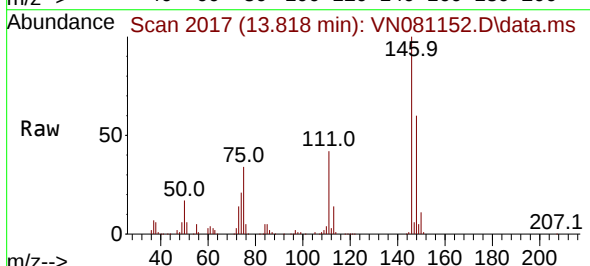
Delta R.T. 0.000 min

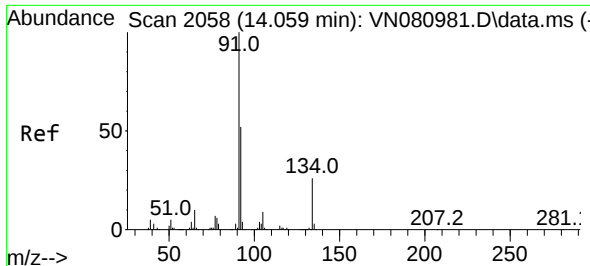
Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Tgt Ion:146 Resp: 196824

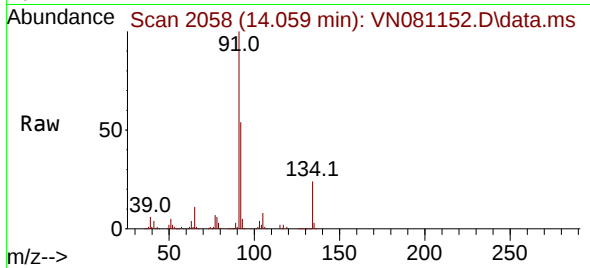
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.9
148	62.9	31.9	95.5





#85
n-Butylbenzene
Concen: 24.269 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

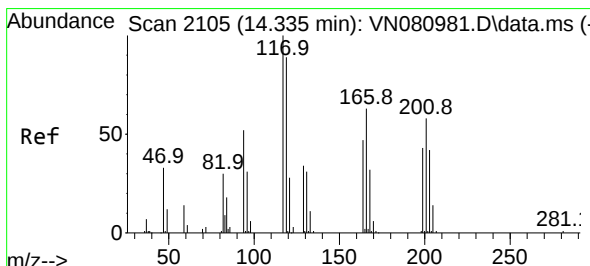
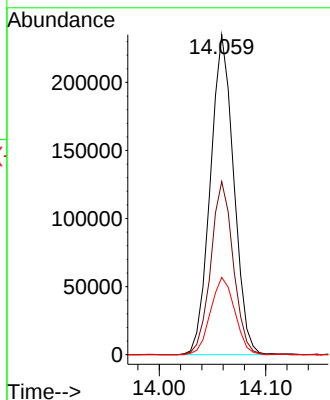
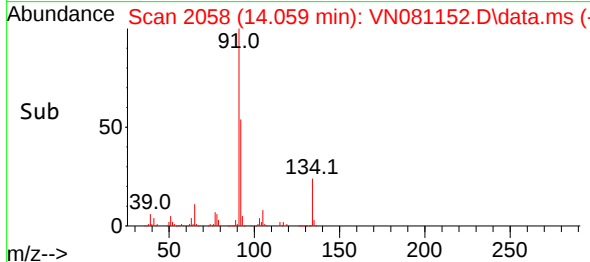
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion: 91 Resp: 358674
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.0
134 25.0 0.0 51.8

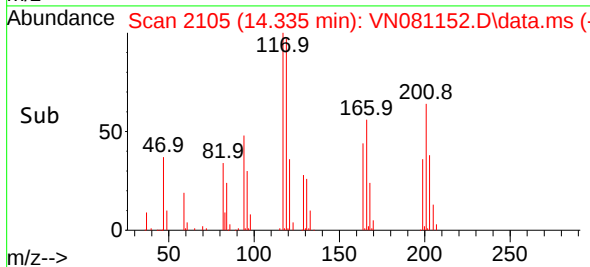
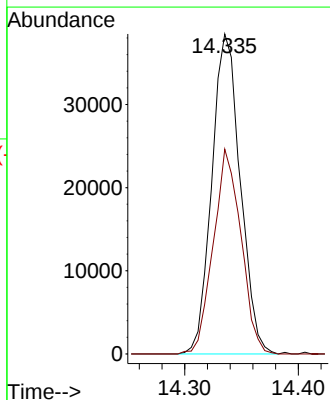
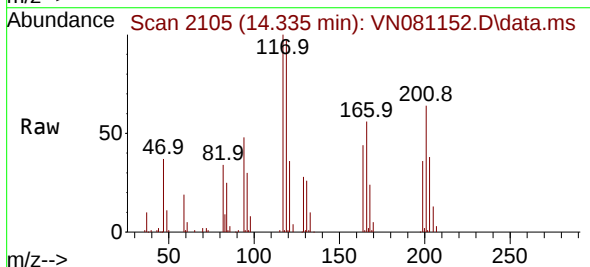
Manual Integrations
APPROVED

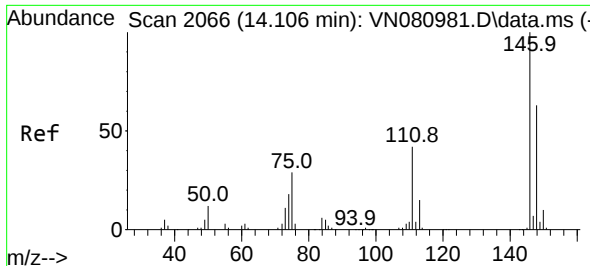
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#86
Hexachloroethane
Concen: 23.686 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

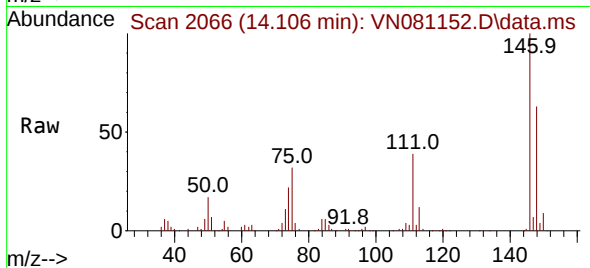
Tgt Ion:117 Resp: 66919
Ion Ratio Lower Upper
117 100
201 62.3 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 19.565 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

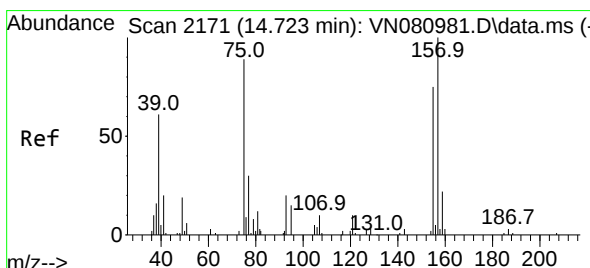
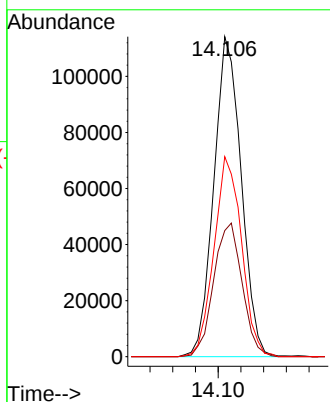
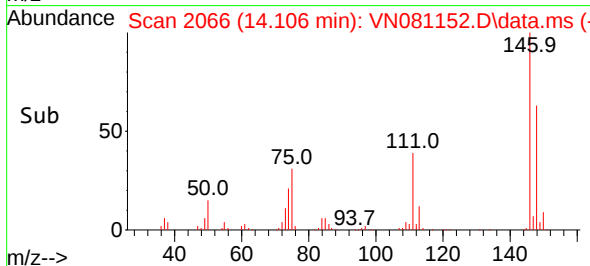
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



Tgt Ion:146 Resp: 19110
Ion Ratio Lower Upper
146 100
111 43.4 22.6 67.8
148 62.9 31.3 93.8

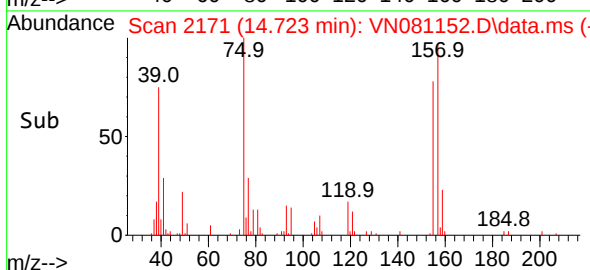
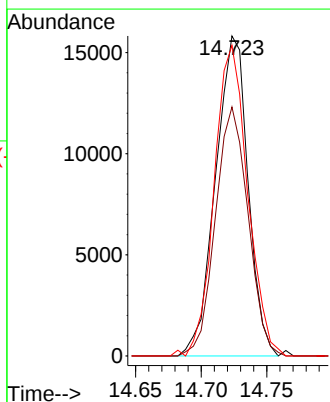
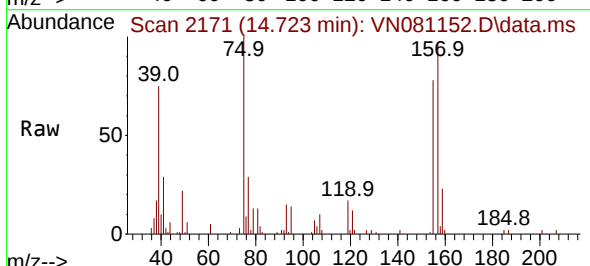
Manual Integrations
APPROVED

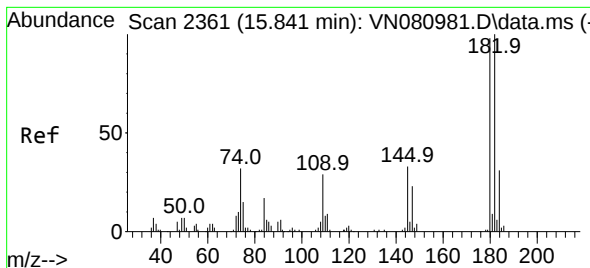
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.853 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

Tgt Ion: 75 Resp: 27283
Ion Ratio Lower Upper
75 100
155 78.2 61.7 92.5
157 99.1 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 23.038 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS01

Tgt Ion:180 Resp: 11008

Ion Ratio Lower Upper

180 100

182 91.1 76.4 114.6

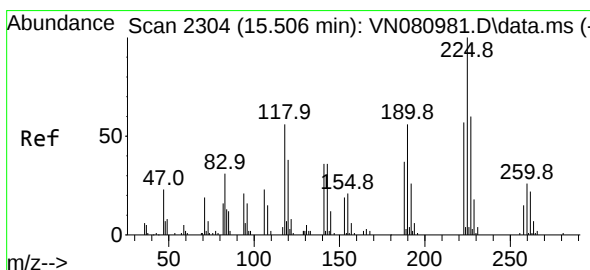
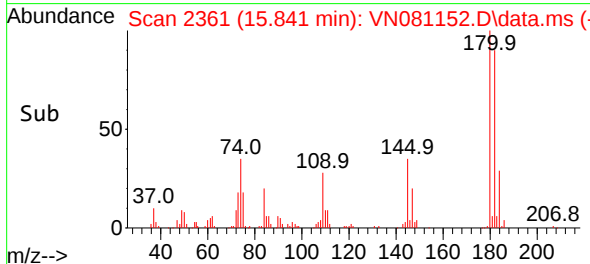
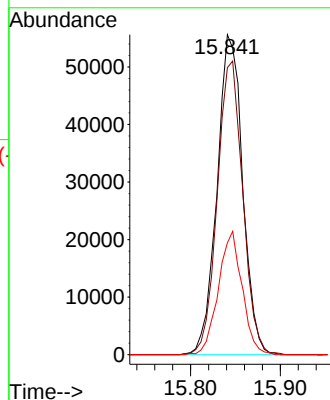
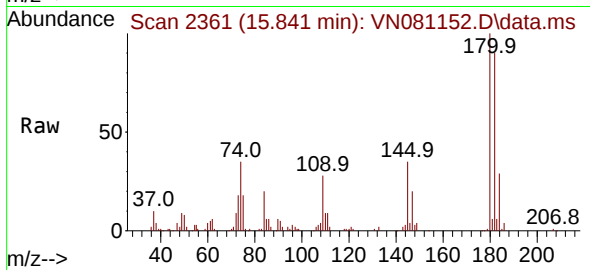
145 35.8 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachlorobutadiene

Concen: 19.672 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081152.D

Acq: 23 Feb 2024 10:12

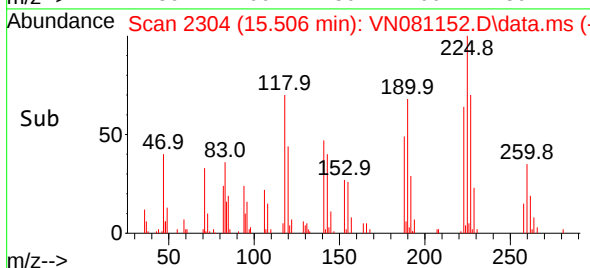
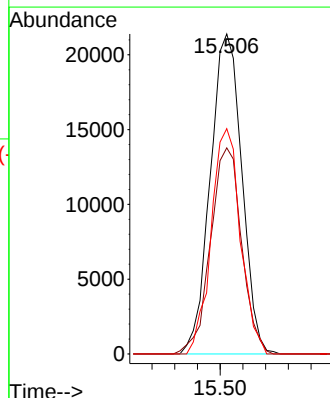
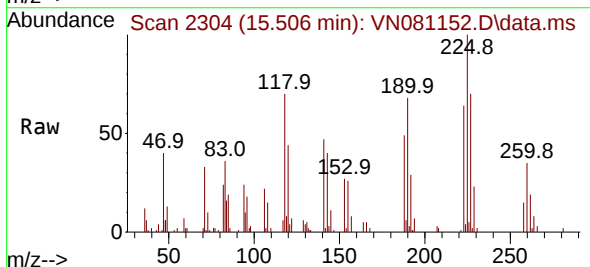
Tgt Ion:225 Resp: 41243

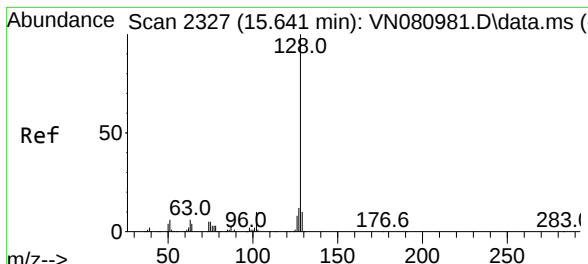
Ion Ratio Lower Upper

225 100

223 63.5 0.0 126.6

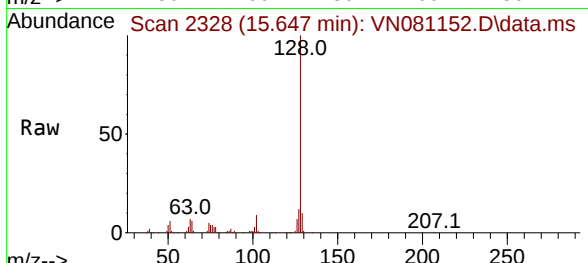
227 65.2 0.0 126.6





#91
Naphthalene
Concen: 23.127 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12

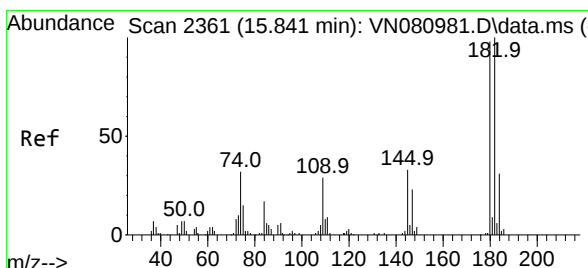
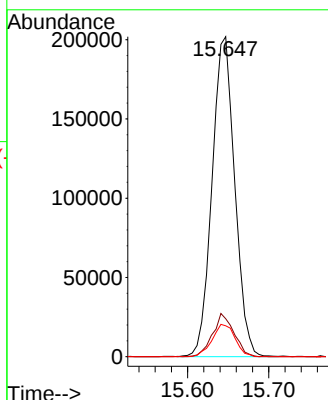
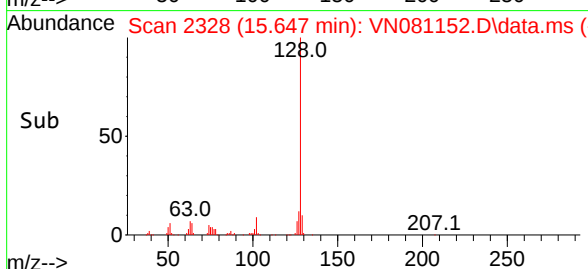
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01



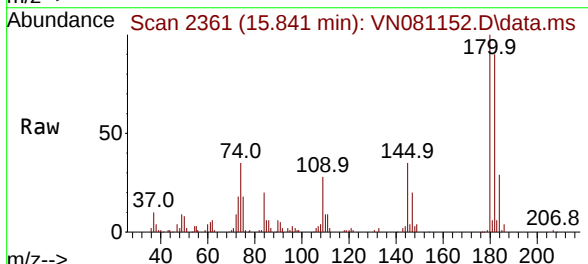
Tgt Ion:128 Resp: 392402
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#92
1,2,3-Trichlorobenzene
Concen: 23.038 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081152.D
Acq: 23 Feb 2024 10:12



Tgt Ion:180 Resp: 110088
Ion Ratio Lower Upper
180 100
182 91.1 0.0 191.0
145 35.8 0.0 71.0

