

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081165.D
 Acq On : 23 Feb 2024 17:44
 Operator : JC\MD
 Sample : VN0223WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 22:01:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179309	48.994	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.980%		
35) Dibromofluoromethane	8.171	113	153510	47.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.571	98	516347	45.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.820%		
62) 4-Bromofluorobenzene	12.853	95	197081	46.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82016	21.240	ug/l	98
3) Chloromethane	2.359	50	77856	17.718	ug/l	96
4) Vinyl Chloride	2.512	62	85310	19.890	ug/l #	87
5) Bromomethane	2.959	94	55440	18.198	ug/l	92
6) Chloroethane	3.118	64	61254	21.587	ug/l	94
7) Trichlorofluoromethane	3.501	101	129297	20.635	ug/l	99
8) Diethyl Ether	3.959	74	48524	21.181	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	76197	21.814	ug/l	93
10) Methyl Iodide	4.589	142	58658	15.044	ug/l	95
11) Tert butyl alcohol	5.512	59	80705	119.909	ug/l	100
12) 1,1-Dichloroethene	4.342	96	66163	19.595	ug/l	93
13) Acrolein	4.183	56	35631	98.772	ug/l	99
14) Allyl chloride	5.030	41	94643	18.890	ug/l #	85
15) Acrylonitrile	5.724	53	208337	118.522	ug/l	97
16) Acetone	4.430	43	147639	102.523	ug/l	99
17) Carbon Disulfide	4.712	76	167360	17.770	ug/l #	93
18) Methyl Acetate	5.030	43	95303	27.129	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	244907	21.177	ug/l	91
20) Methylene Chloride	5.277	84	79324	20.749	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	74842	19.866	ug/l	87
22) Diisopropyl ether	6.671	45	244230	21.490	ug/l #	92
23) Vinyl Acetate	6.606	43	986356	106.970	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	142069	21.619	ug/l	98
25) 2-Butanone	7.483	43	267993	115.194	ug/l	93
26) 2,2-Dichloropropane	7.489	77	125678	20.411	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	89297	20.401	ug/l	90
28) Bromochloromethane	7.818	49	49098	18.022	ug/l #	64
29) Tetrahydrofuran	7.836	42	184615	118.875	ug/l #	87
30) Chloroform	7.971	83	153409	21.960	ug/l	94
31) Cyclohexane	8.259	56	128482	20.332	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	135672	21.324	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	107411	19.582	ug/l	96
37) Ethyl Acetate	7.559	43	113945	23.017	ug/l	99
38) Carbon Tetrachloride	8.365	117	111258	20.048	ug/l	98
39) Methylcyclohexane	9.600	83	126731	19.819	ug/l	89
40) Benzene	8.612	78	330735	20.831	ug/l	91

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59713	21.194	ug/l	94
42) 1,2-Dichloroethane	8.671	62	114239	20.623	ug/l	99
43) Isopropyl Acetate	8.694	43	189417	21.877	ug/l	97
44) Trichloroethene	9.353	130	84548	19.993	ug/l	89
45) 1,2-Dichloropropane	9.624	63	84403	21.252	ug/l	91
46) Dibromomethane	9.706	93	59568	20.585	ug/l #	89
47) Bromodichloromethane	9.888	83	115111	21.003	ug/l #	99
48) Methyl methacrylate	9.683	41	85190	21.146	ug/l	89
49) 1,4-Dioxane	9.694	88	36731	474.470	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	590092	118.478	ug/l	95
52) Toluene	10.635	92	210629	20.955	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	119710	19.656	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	133965	20.359	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	84707	21.911	ug/l	95
56) Ethyl methacrylate	10.877	69	123212	20.854	ug/l	90
57) 1,3-Dichloropropane	11.165	76	146399	21.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258227	87.106	ug/l #	87
59) 2-Hexanone	11.200	43	439750	111.368	ug/l	94
60) Dibromochloromethane	11.359	129	85384	20.790	ug/l	96
61) 1,2-Dibromoethane	11.471	107	88127	21.678	ug/l	98
64) Tetrachloroethene	11.106	164	73666	21.207	ug/l	91
65) Chlorobenzene	11.894	112	220959	20.059	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	80060	20.236	ug/l	97
67) Ethyl Benzene	11.965	91	393604	19.969	ug/l	100
68) m/p-Xylenes	12.071	106	296010	39.180	ug/l	99
69) o-Xylene	12.400	106	147385	19.680	ug/l	96
70) Styrene	12.412	104	238859	20.127	ug/l	96
71) Bromoform	12.582	173	53196	21.193	ug/l #	96
73) Isopropylbenzene	12.700	105	390815	20.358	ug/l	98
74) N-amyl acetate	12.500	43	162604	20.041	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	119902	22.212	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	96484m	19.354	ug/l	
77) Bromobenzene	12.982	156	81375	19.011	ug/l	84
78) n-propylbenzene	13.041	91	460235	20.826	ug/l	96
79) 2-Chlorotoluene	13.129	91	272197	20.081	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	323099	20.758	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.741	75	37080	19.145	ug/l #	82
82) 4-Chlorotoluene	13.223	91	269101	20.303	ug/l	95
83) tert-Butylbenzene	13.441	119	282268	20.973	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	318659	20.545	ug/l	95
85) sec-Butylbenzene	13.618	105	404861	21.638	ug/l	95
86) p-Isopropyltoluene	13.735	119	323999	20.848	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	158614	19.612	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	159836	20.113	ug/l	99
89) n-Butylbenzene	14.059	91	278157	20.544	ug/l	97
90) Hexachloroethane	14.341	117	55990	21.796	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	155125	19.887	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24348	21.695	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	88355	20.303	ug/l	97
94) Hexachlorobutadiene	15.512	225	31910	19.661	ug/l	96
95) Naphthalene	15.647	128	317922	19.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	85477	19.800	ug/l	96

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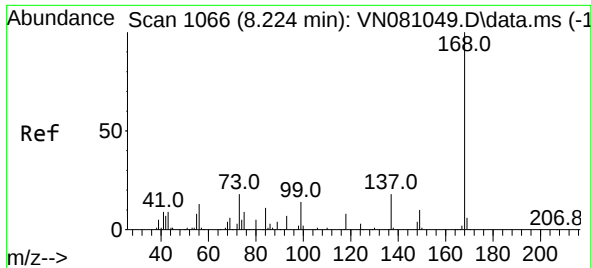
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APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

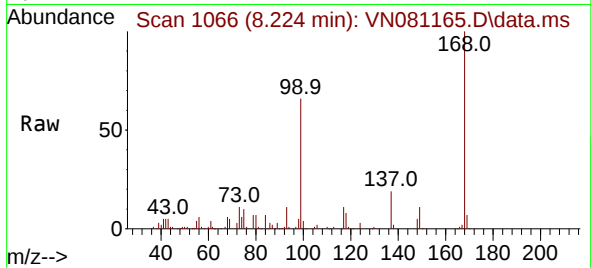
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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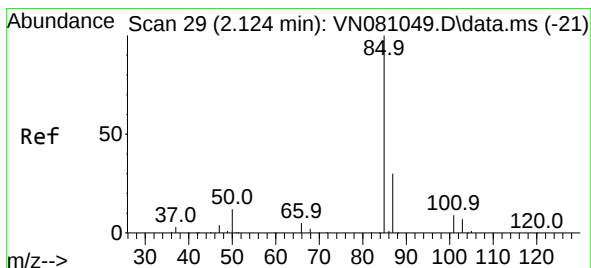
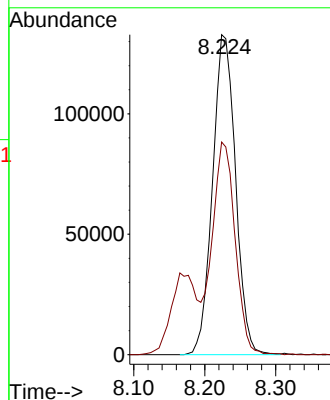
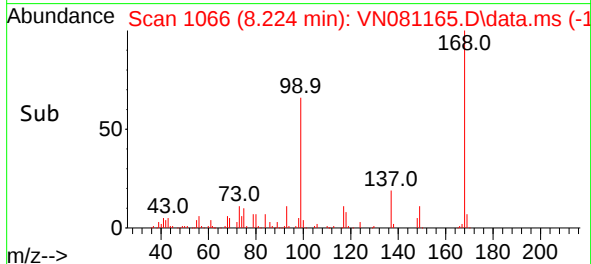
Instrument :
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ClientSampleId :
VN0223WBS02



Tgt Ion:168 Resp: 298584
Ion Ratio Lower Upper
168 100
99 66.2 59.9 89.9

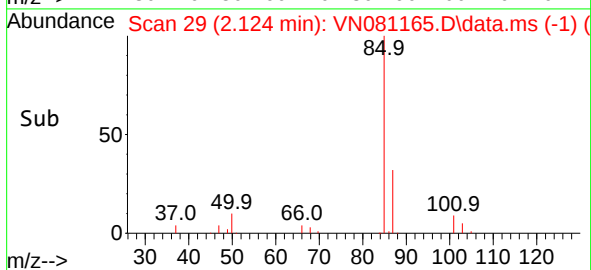
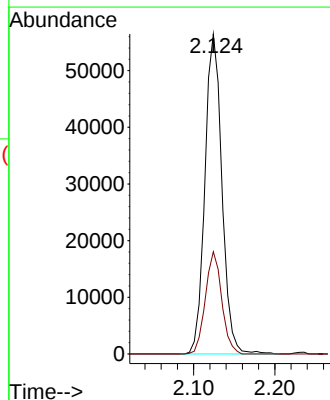
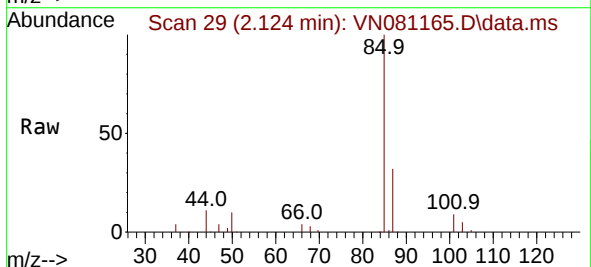
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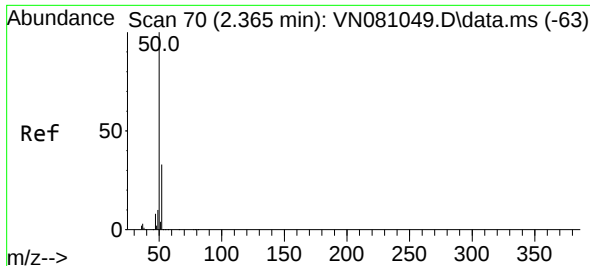
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 21.240 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 85 Resp: 82016
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9





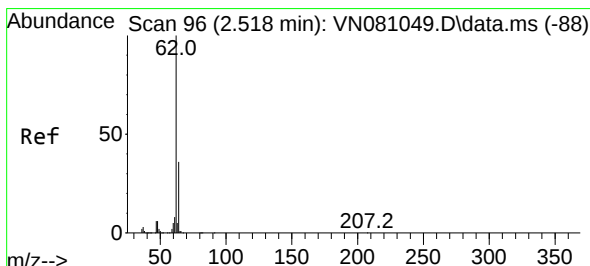
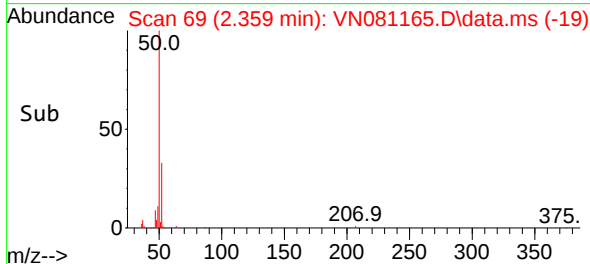
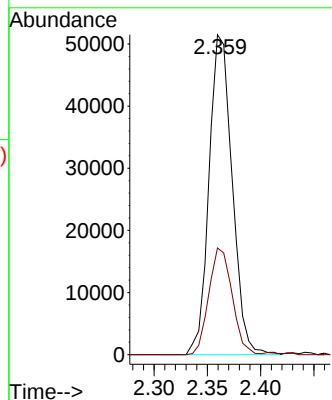
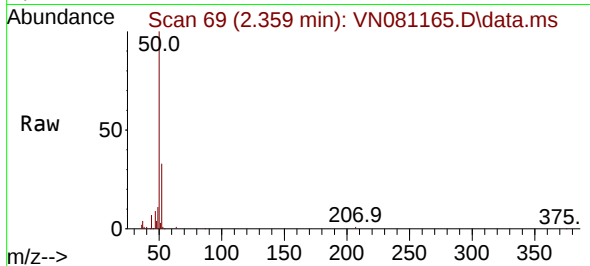
#3
Chloromethane
Concen: 17.718 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

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Tgt Ion: 50 Resp: 77850
Ion Ratio Lower Upper
50 100
52 33.4 25.0 37.4

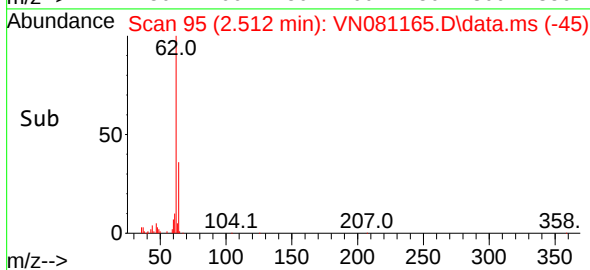
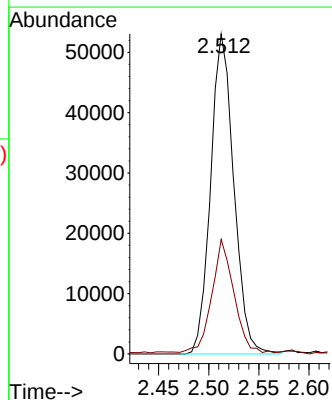
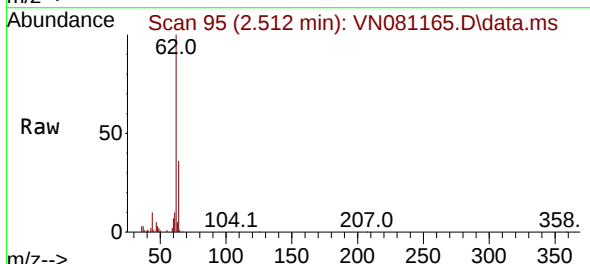
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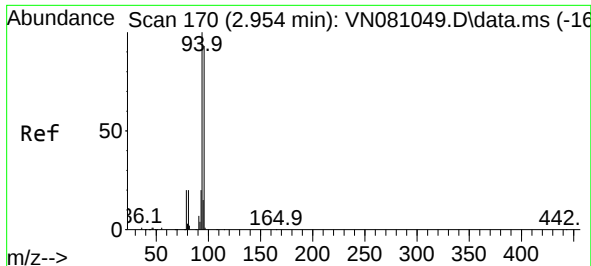
Reviewed By :John Carlone 02/26/2024
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#4
Vinyl Chloride
Concen: 19.890 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

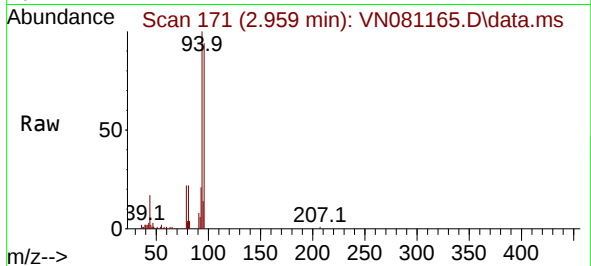
Tgt Ion: 62 Resp: 85310
Ion Ratio Lower Upper
62 100
64 35.3 22.7 34.1





#5
Bromomethane
Concen: 18.198 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.005 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

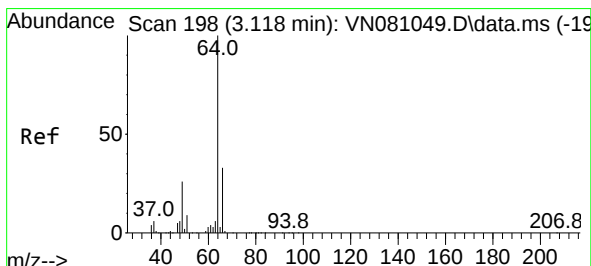
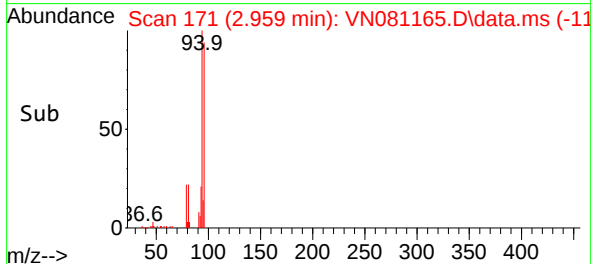
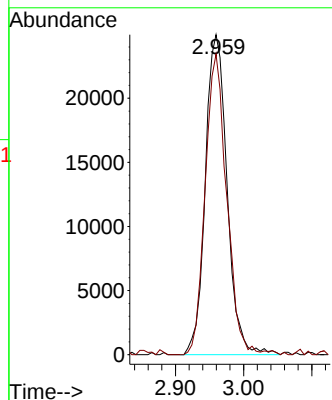
Instrument :
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Tgt Ion: 94 Resp: 55440
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8

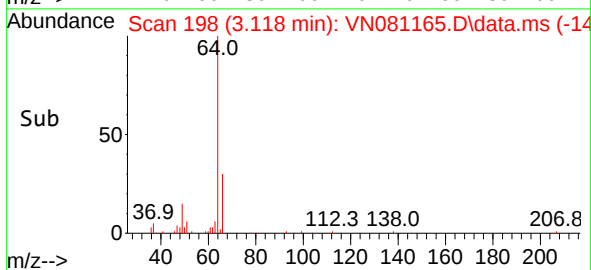
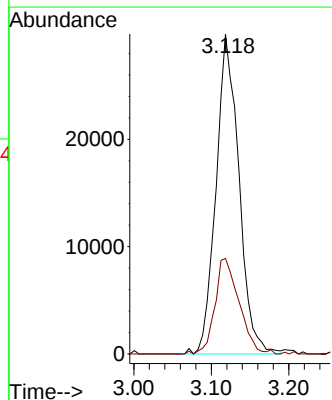
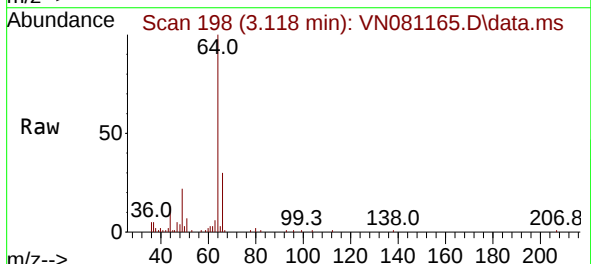
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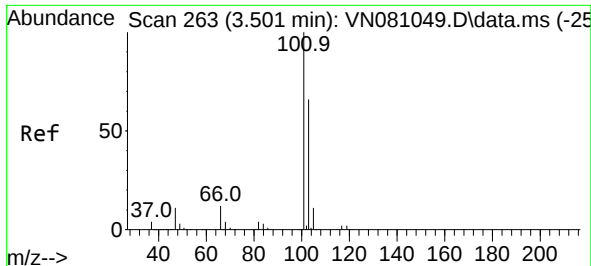
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 21.587 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 64 Resp: 61254
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6





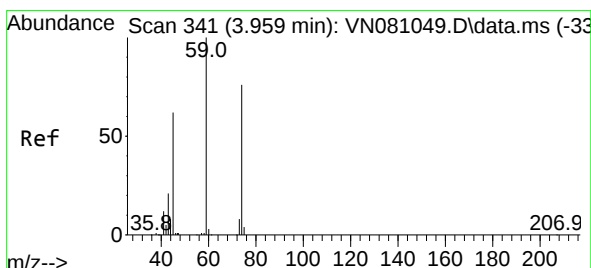
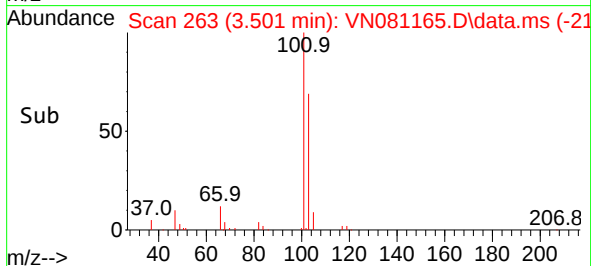
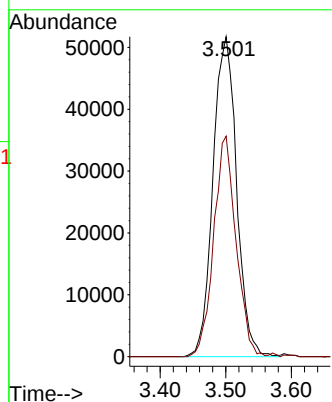
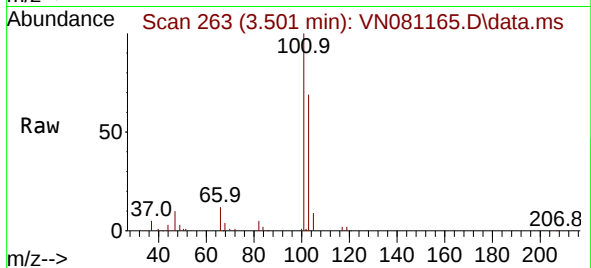
#7
Trichlorofluoromethane
Concen: 20.635 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN081165.D
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Instrument :
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VN0223WBS02

Tgt Ion:101 Resp: 12929
Ion Ratio Lower Upper
101 100
103 68.9 54.4 81.6

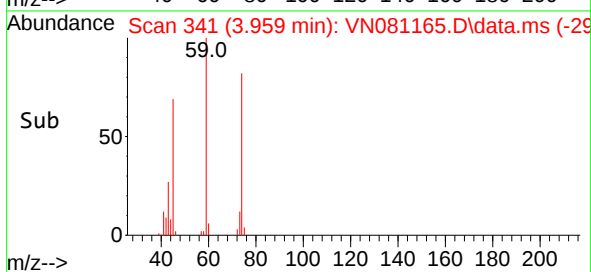
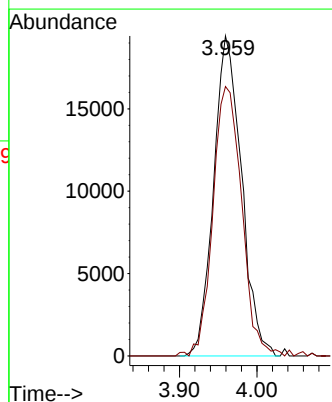
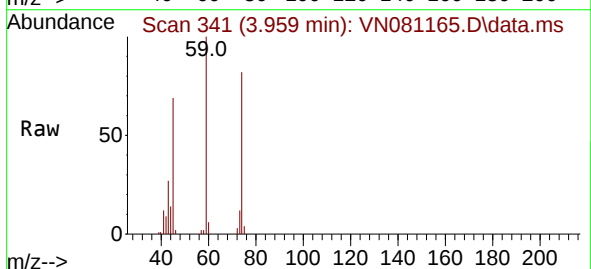
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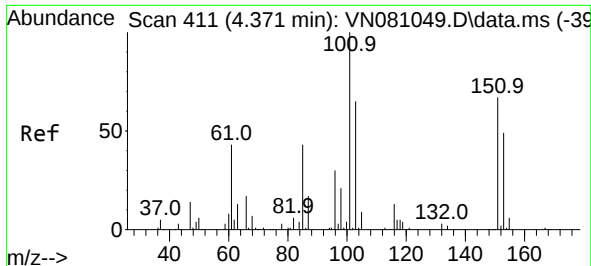
Reviewed By :John Carlone 02/26/2024
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#8
Diethyl Ether
Concen: 21.181 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 74 Resp: 48524
Ion Ratio Lower Upper
74 100
45 87.0 53.3 159.9





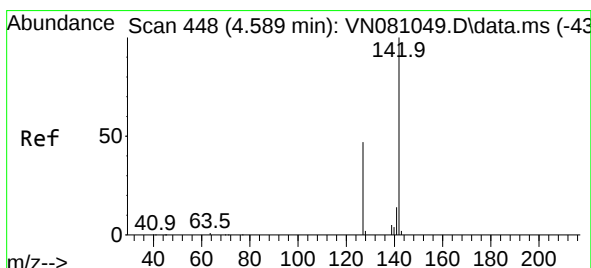
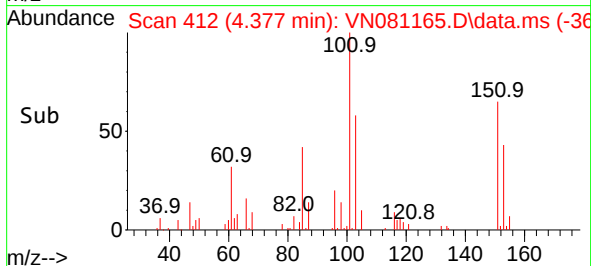
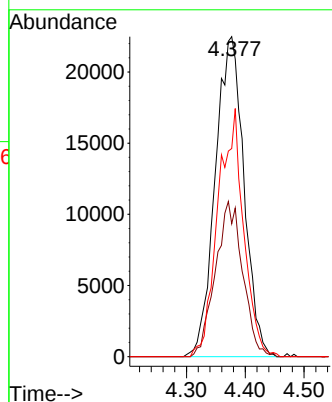
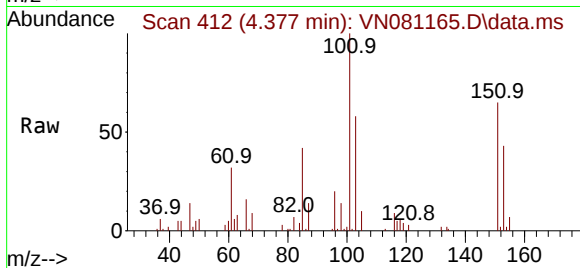
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.814 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion:101 Resp: 7619
Ion Ratio Lower Upper
101 100
85 46.1 38.1 57.1
151 69.3 49.1 73.7

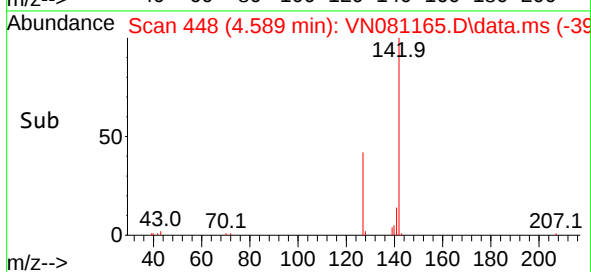
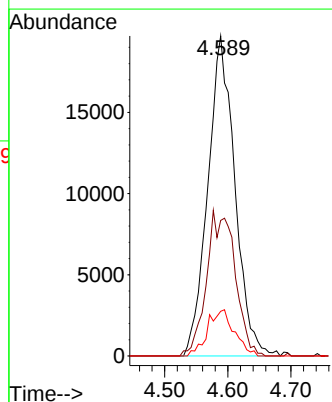
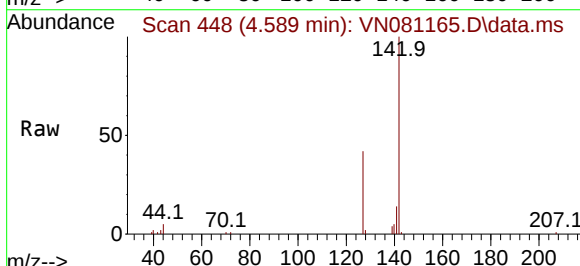
Manual Integrations
APPROVED

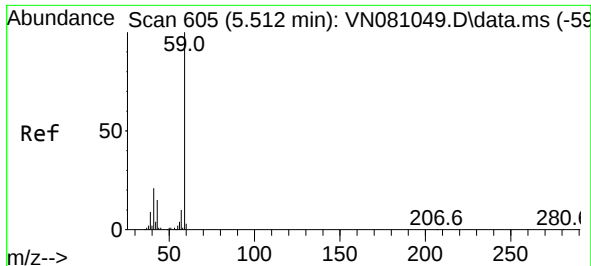
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 15.044 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

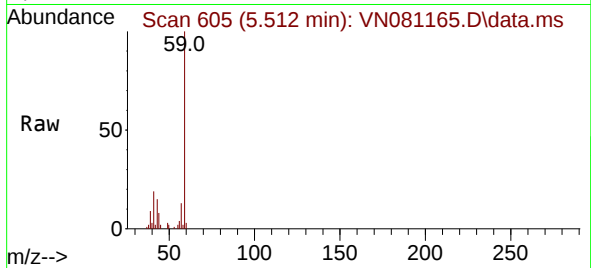
Tgt Ion:142 Resp: 58658
Ion Ratio Lower Upper
142 100
127 42.3 37.0 55.4
141 14.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 119.909 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

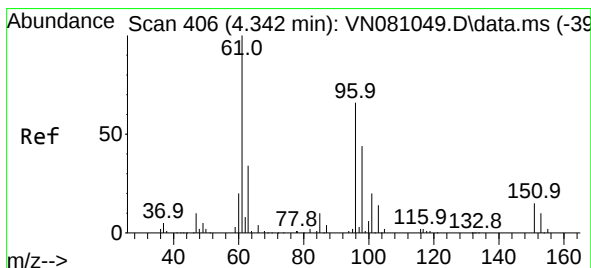
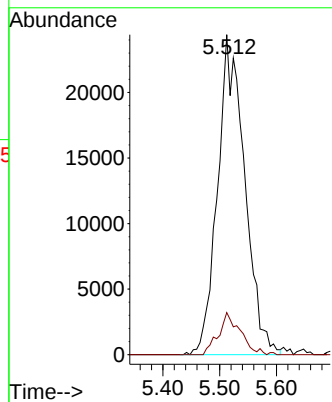
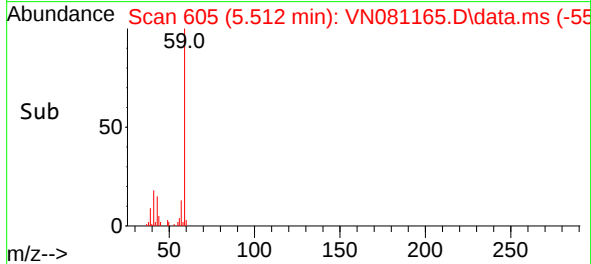
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



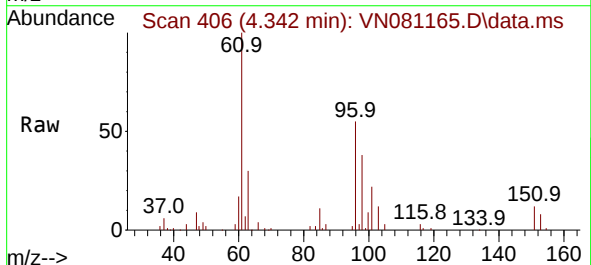
Tgt Ion: 59 Resp: 8070
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

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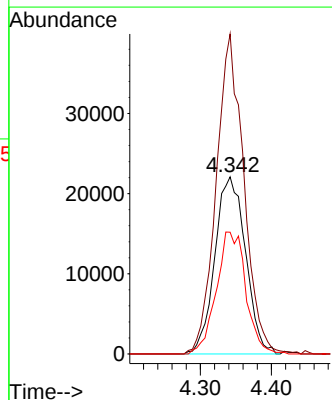
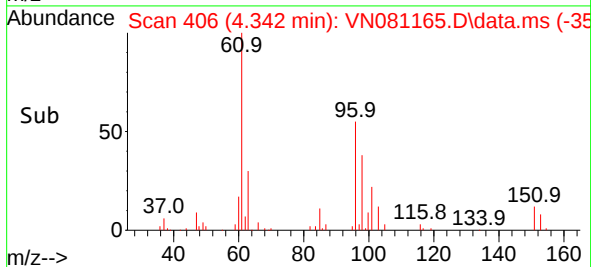
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

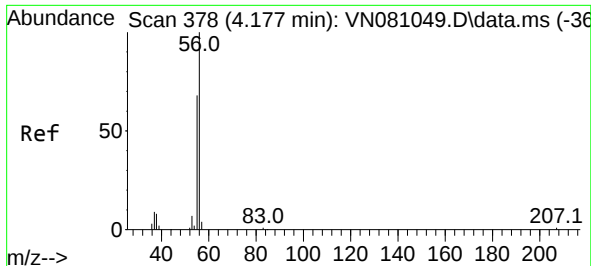


#12
1,1-Dichloroethene
Concen: 19.595 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion: 96 Resp: 66163
Ion Ratio Lower Upper
96 100
61 180.7 138.2 207.4
98 68.7 49.2 73.8





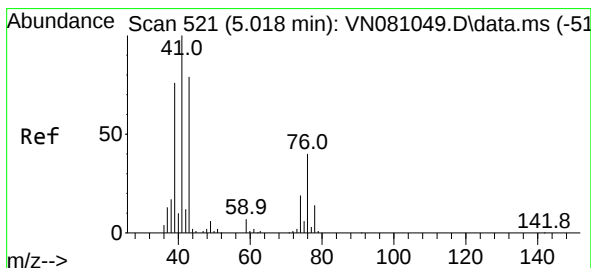
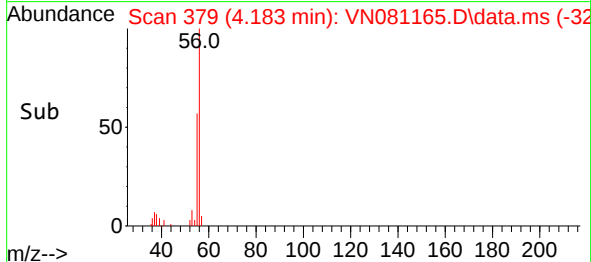
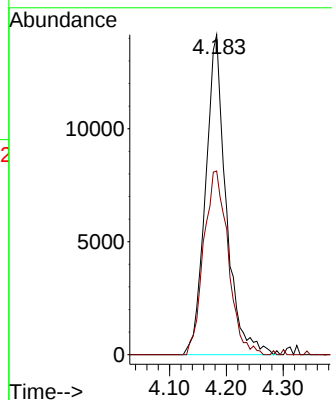
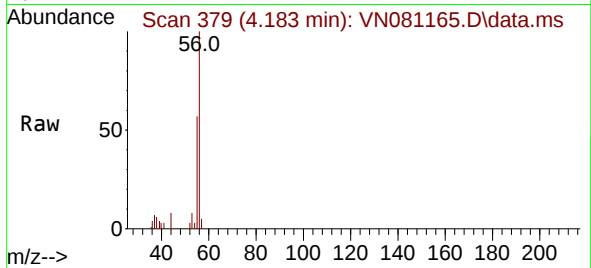
#13
Acrolein
Concen: 98.772 ug/l
RT: 4.183 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion: 56 Resp: 3563
Ion Ratio Lower Upper
56 100
55 68.4 55.3 82.9

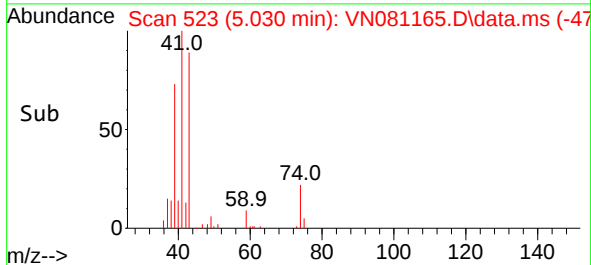
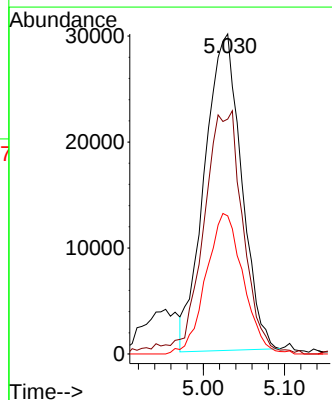
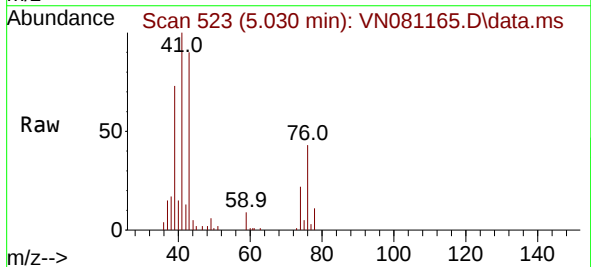
Manual Integrations
APPROVED

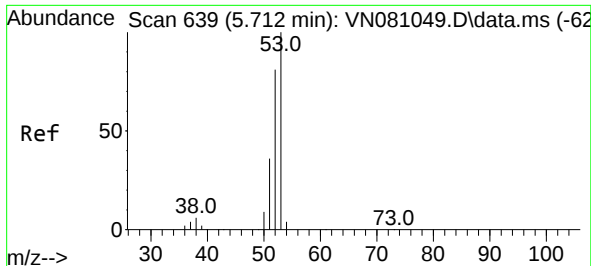
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#14
Allyl chloride
Concen: 18.890 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

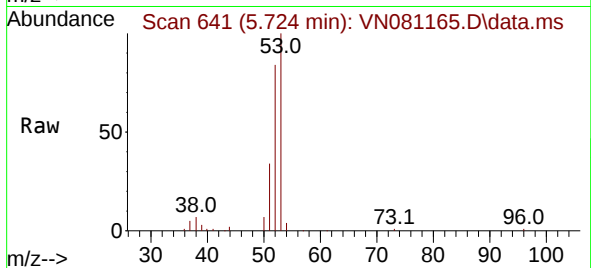
Tgt Ion: 41 Resp: 94643
Ion Ratio Lower Upper
41 100
39 82.9 57.7 86.5
76 44.6 26.8 40.2#





#15
Acrylonitrile
Concen: 118.522 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

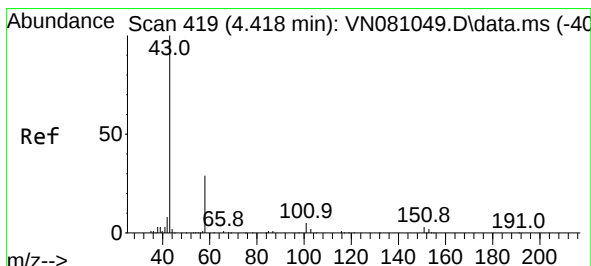
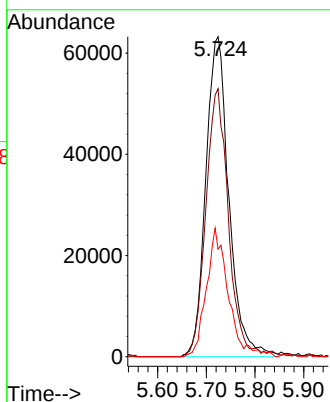
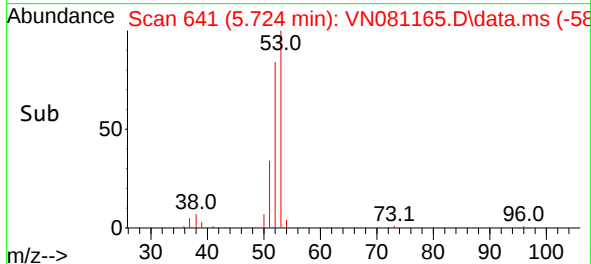
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



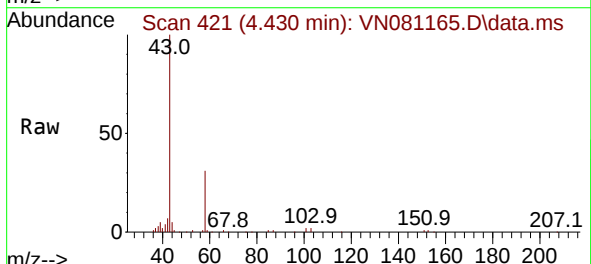
Tgt Ion: 53 Resp: 20833
Ion Ratio Lower Upper
53 100
52 81.5 64.8 97.2
51 38.1 26.9 40.3

Manual Integrations
APPROVED

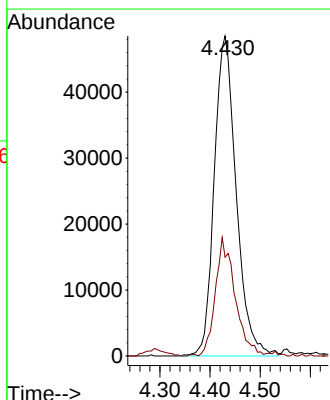
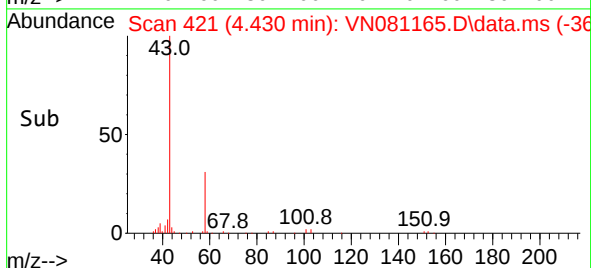
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

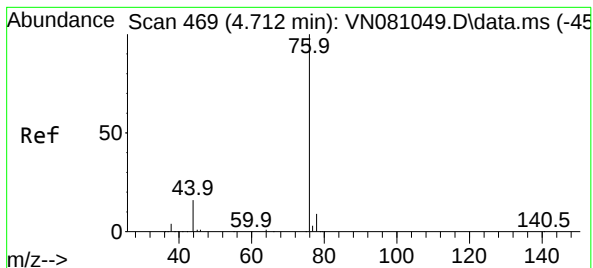


#16
Acetone
Concen: 102.523 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion: 43 Resp: 147639
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2





#17

Carbon Disulfide

Concen: 17.770 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081165.D

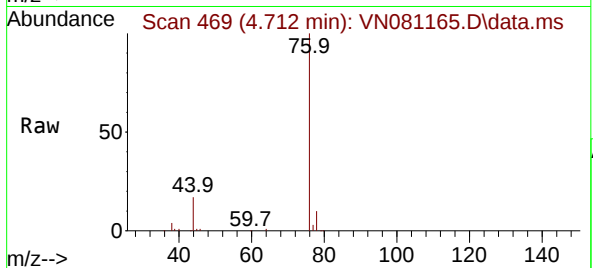
Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02



Tgt Ion: 76 Resp: 167360

Ion Ratio Lower Upper

76 100

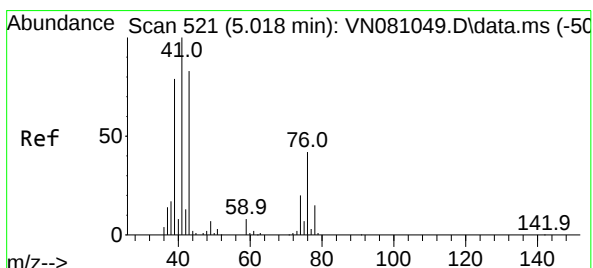
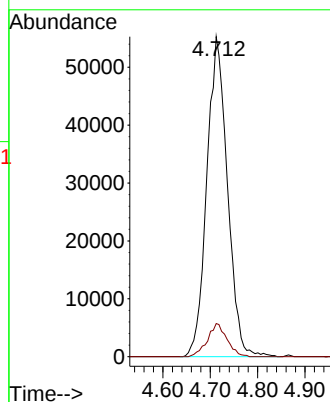
78 10.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#18

Methyl Acetate

Concen: 27.129 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081165.D

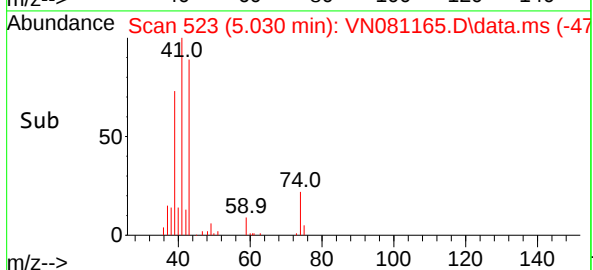
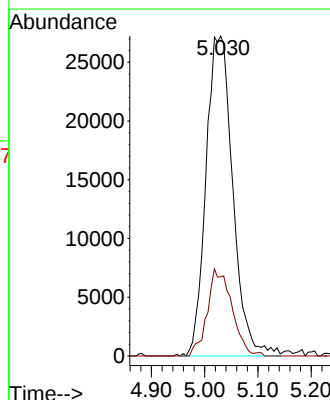
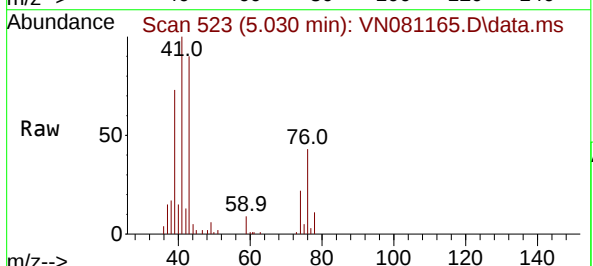
Acq: 23 Feb 2024 17:44

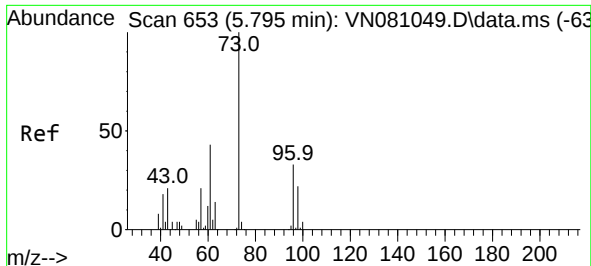
Tgt Ion: 43 Resp: 95303

Ion Ratio Lower Upper

43 100

74 24.9 17.3 25.9





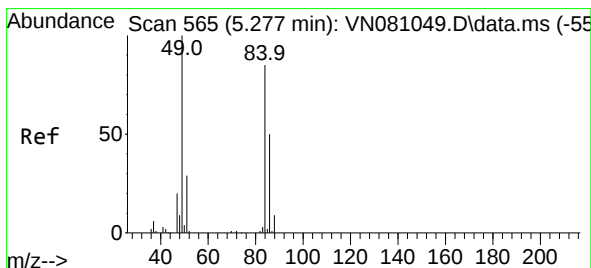
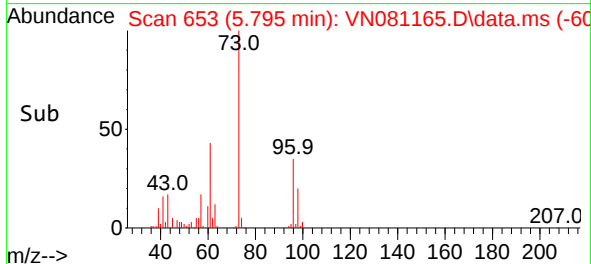
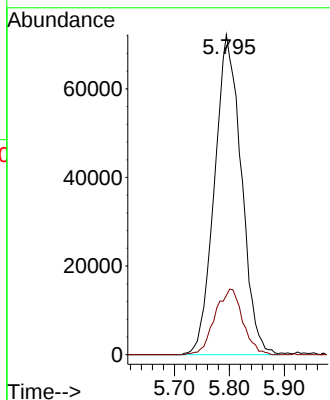
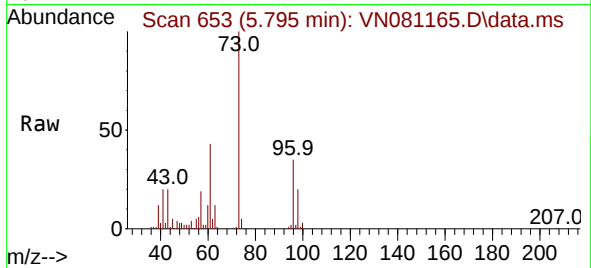
#19
Methyl tert-butyl Ether
Concen: 21.177 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion: 73 Resp: 24490
Ion Ratio Lower Upper
73 100
57 18.5 18.2 27.4

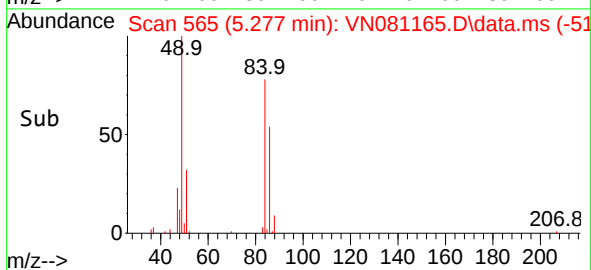
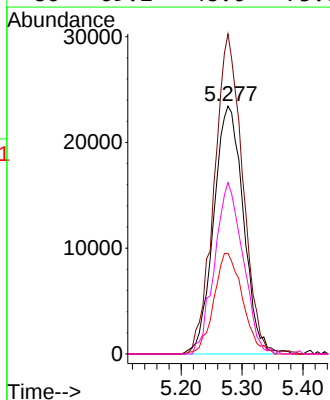
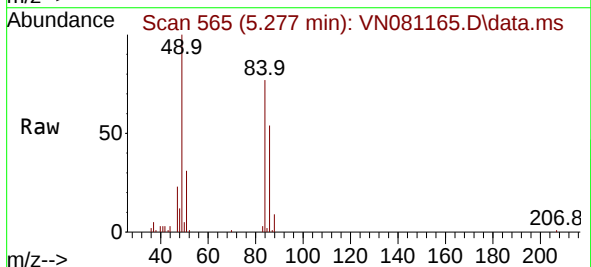
Manual Integrations
APPROVED

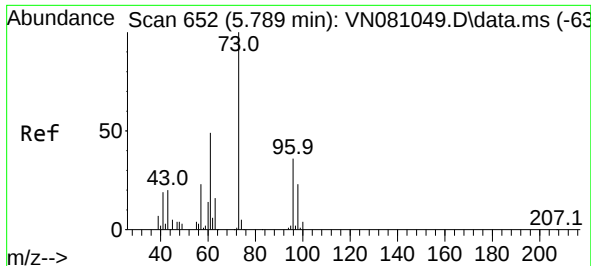
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 20.749 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

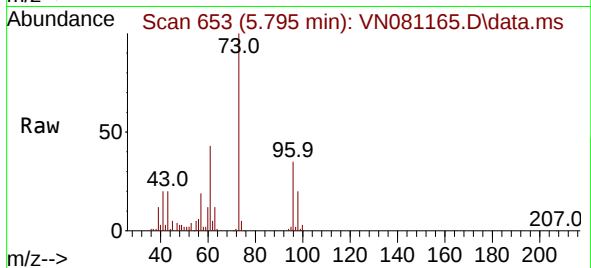
Tgt Ion: 84 Resp: 79324
Ion Ratio Lower Upper
84 100
49 129.1 108.1 162.1
51 40.6 32.9 49.3
86 69.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.866 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

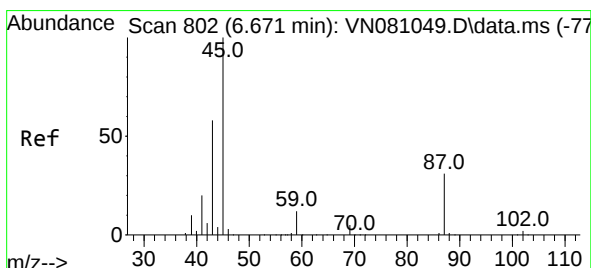
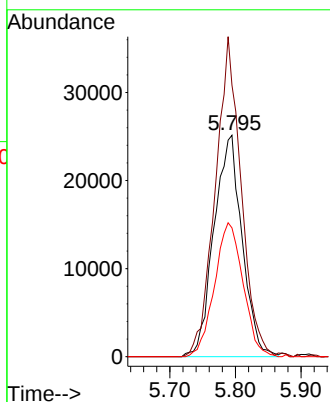
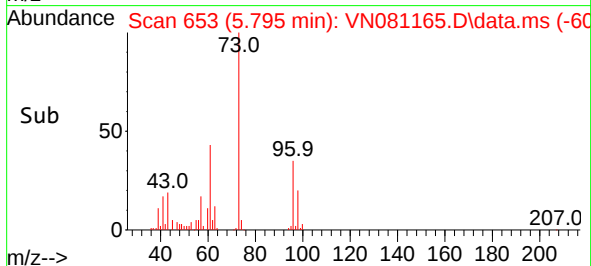
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 96 Resp: 7484
Ion Ratio Lower Upper
96 100
61 122.6 112.8 169.2
98 58.1 51.0 76.4

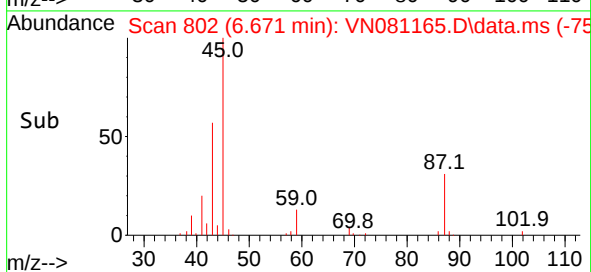
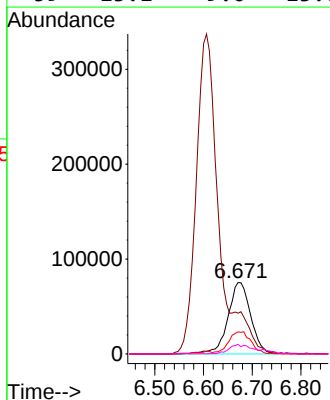
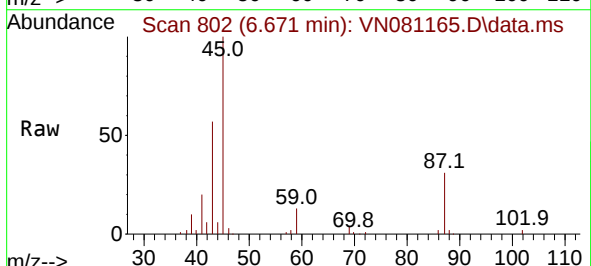
Manual Integrations
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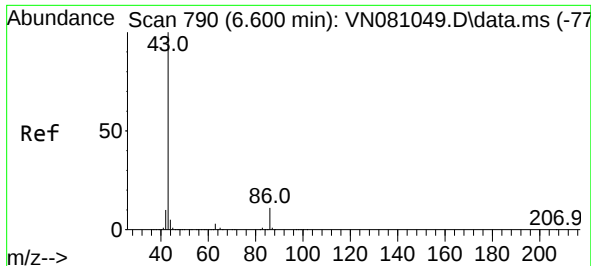
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#22
Diisopropyl ether
Concen: 21.490 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

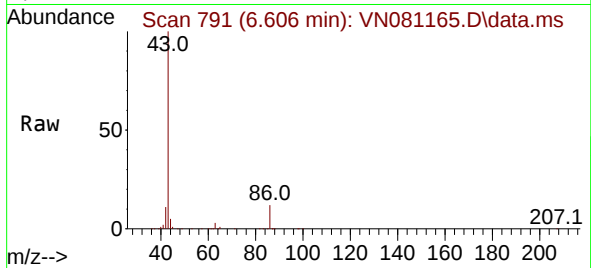
Tgt Ion: 45 Resp: 244230
Ion Ratio Lower Upper
45 100
43 56.2 41.8 62.8
87 30.8 18.1 27.1#
59 13.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 106.970 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

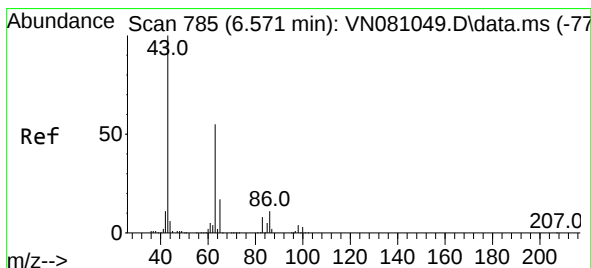
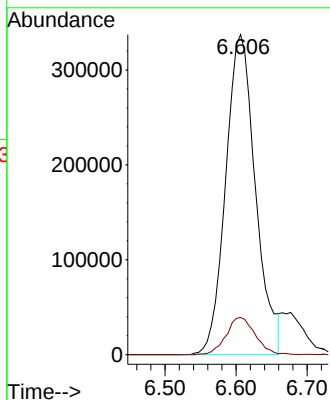
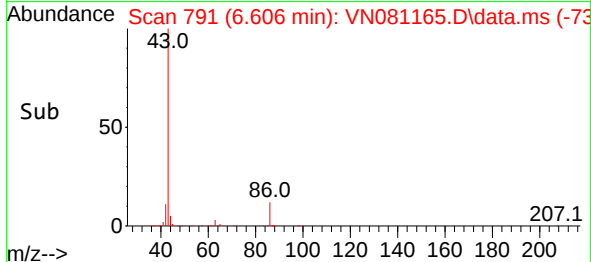
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02



Tgt Ion: 43 Resp: 986350
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

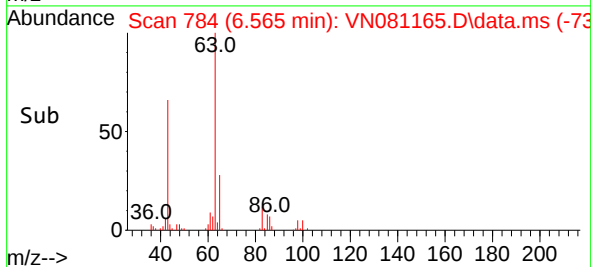
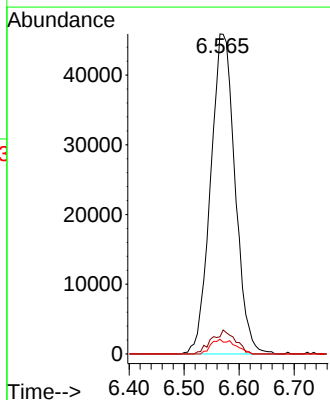
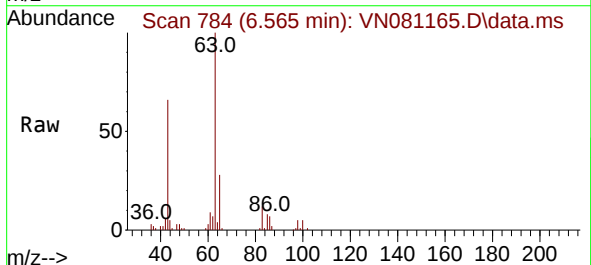
Manual Integrations
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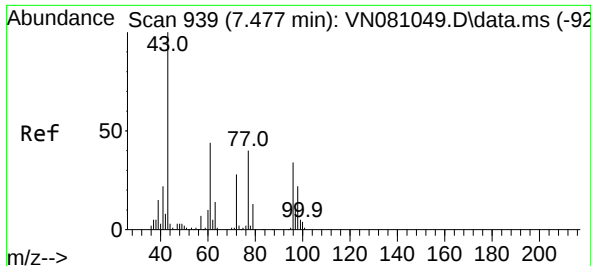
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 21.619 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion: 63 Resp: 142069
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.6
 100 4.6 1.9 5.7





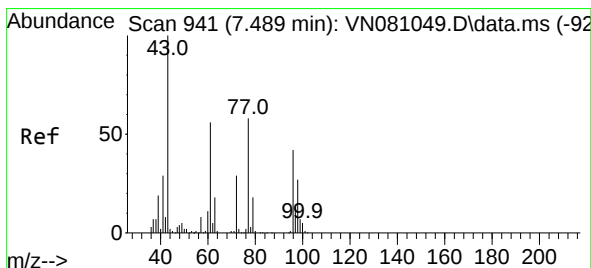
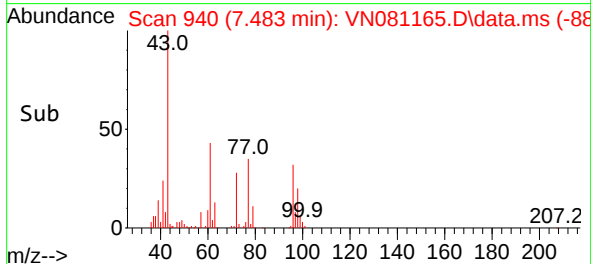
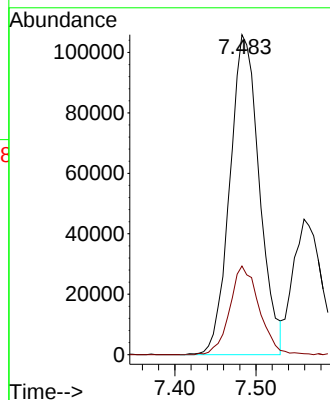
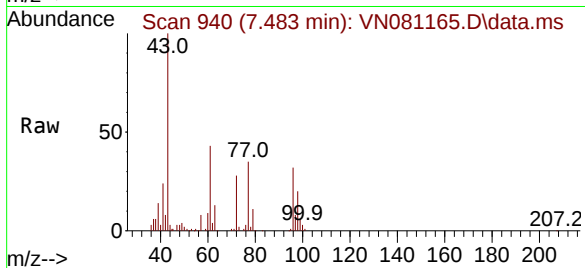
#25
2-Butanone
Concen: 115.194 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion: 43 Resp: 26799
Ion Ratio Lower Upper
43 100
72 27.7 19.5 29.3

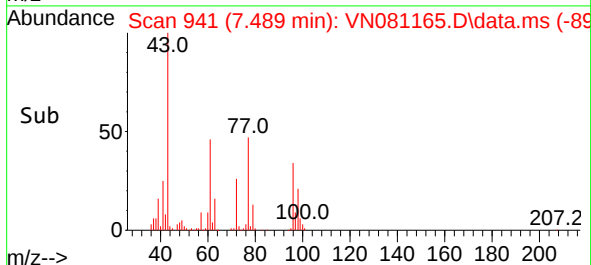
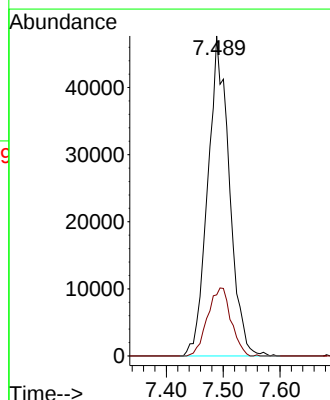
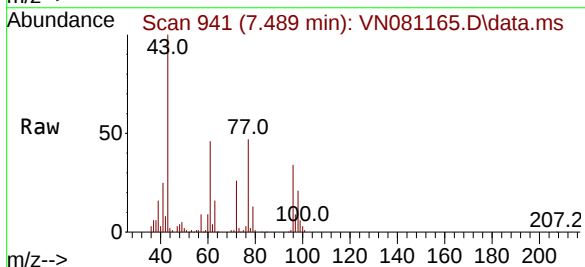
Manual Integrations
APPROVED

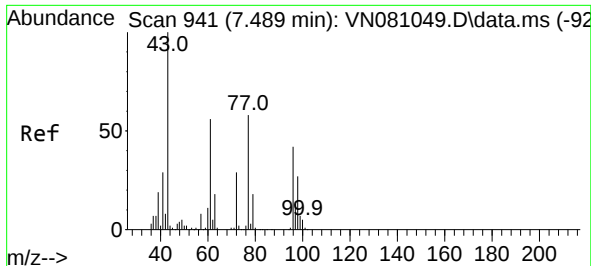
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
2,2-Dichloropropane
Concen: 20.411 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

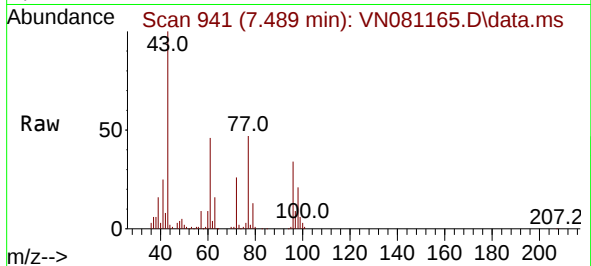
Tgt Ion: 77 Resp: 125678
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 20.401 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

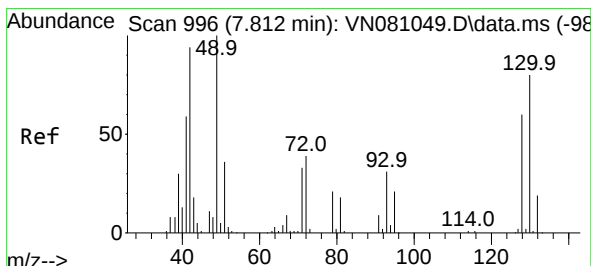
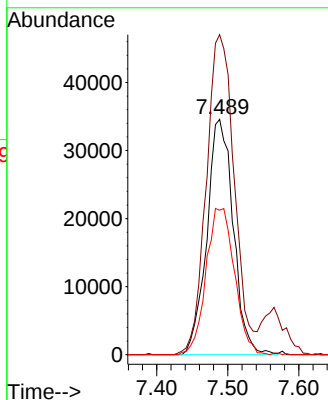
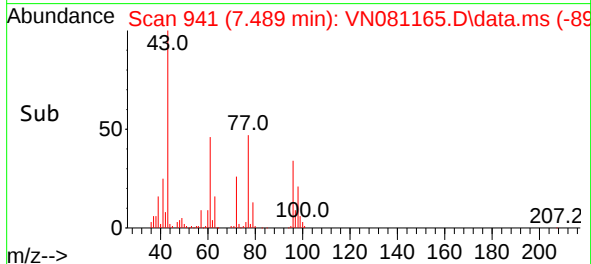
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 96 Resp: 8929
Ion Ratio Lower Upper
96 100
61 144.4 0.0 325.4
98 67.1 0.0 130.4

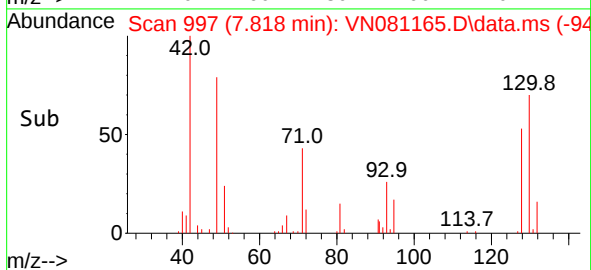
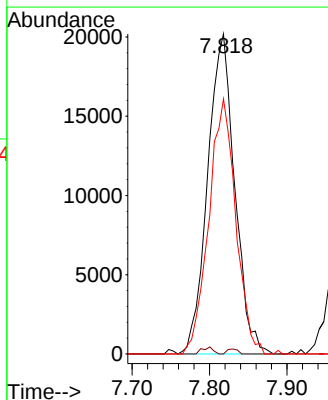
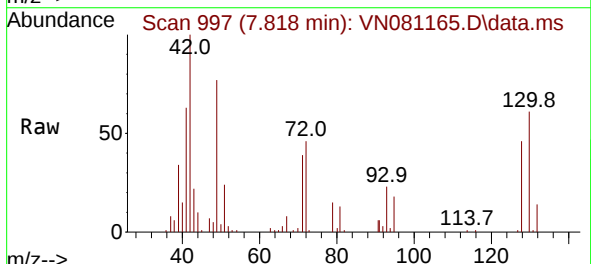
Manual Integrations
APPROVED

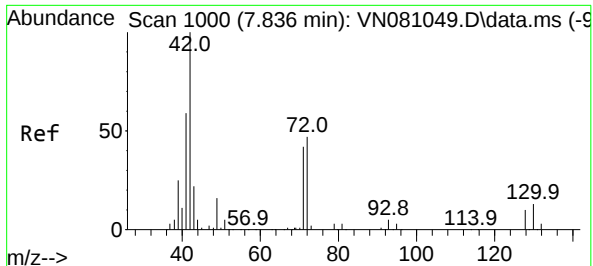
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#28
Bromochloromethane
Concen: 18.022 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 49 Resp: 49098
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.6
130 79.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 118.875 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

Tgt Ion: 42 Resp: 18461

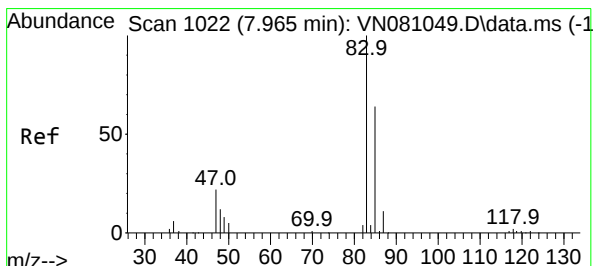
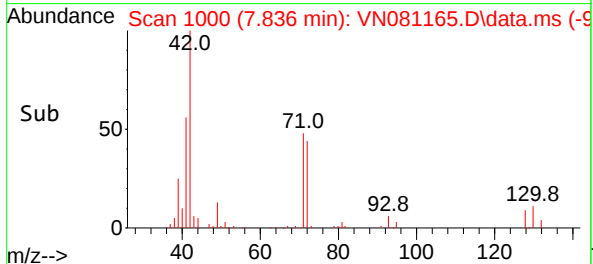
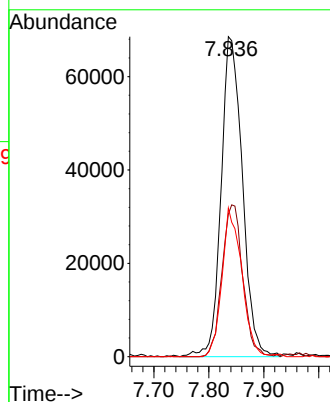
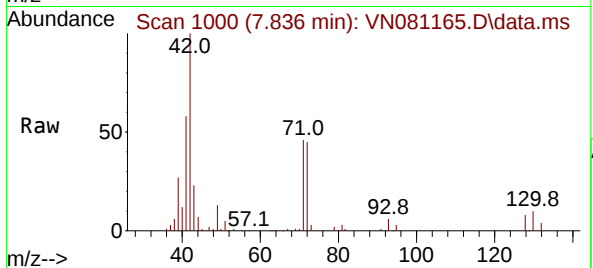
Ion	Ratio	Lower	Upper
42	100		
72	46.3	31.1	46.7
71	43.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 21.960 ug/l

RT: 7.971 min Scan# 1023

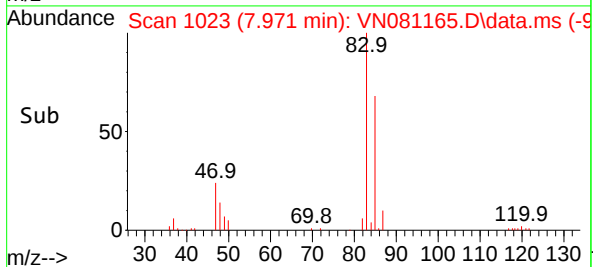
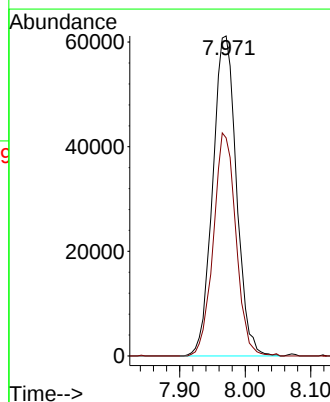
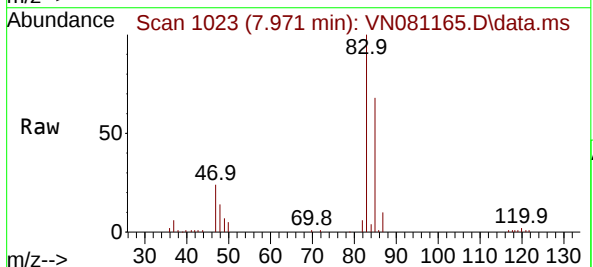
Delta R.T. 0.006 min

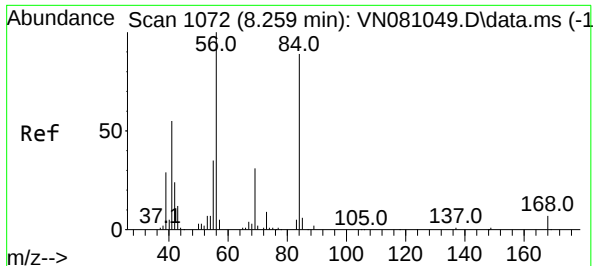
Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Tgt Ion: 83 Resp: 153409

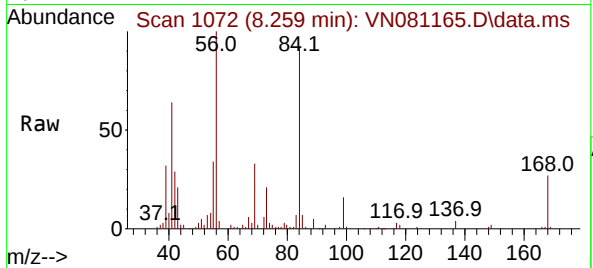
Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.0	76.6





#31
Cyclohexane
Concen: 20.332 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

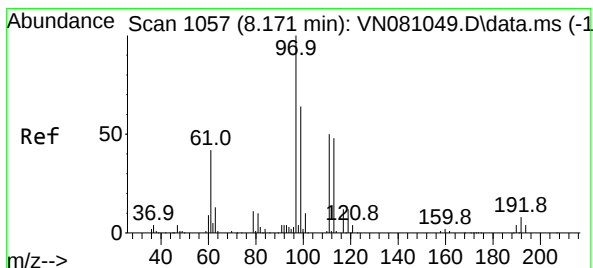
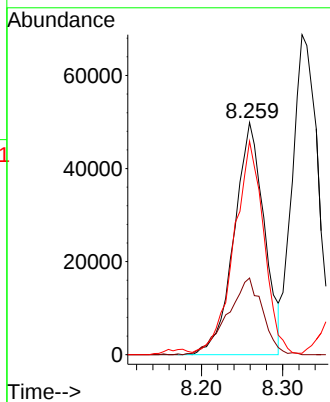
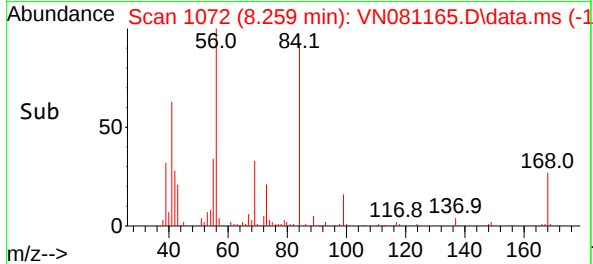
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 56 Resp: 12848
Ion Ratio Lower Upper
56 100
69 32.7 20.1 30.1
84 89.7 56.9 85.3

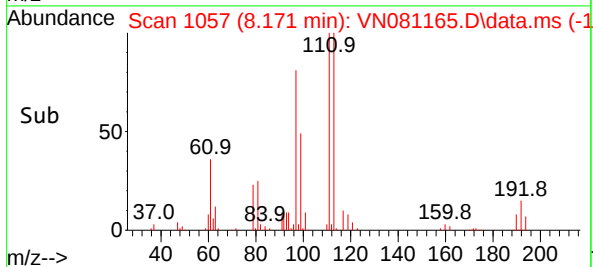
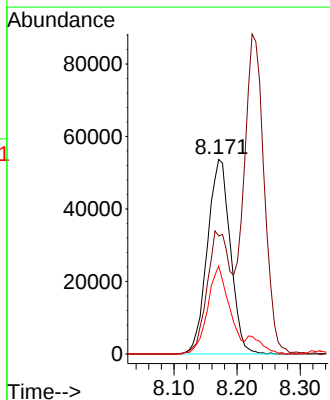
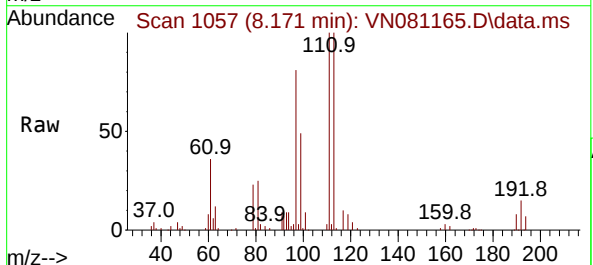
Manual Integrations
APPROVED

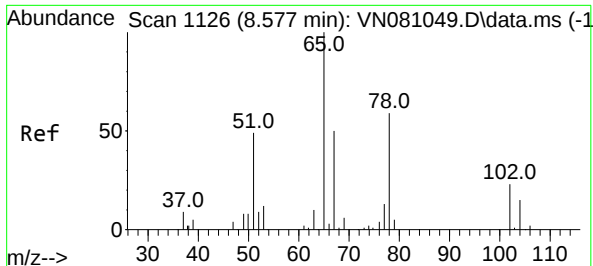
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 21.324 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 97 Resp: 135672
Ion Ratio Lower Upper
97 100
99 63.7 53.4 80.0
61 43.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.994 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

Tgt Ion: 65 Resp: 179309

Ion Ratio Lower Upper

65 100

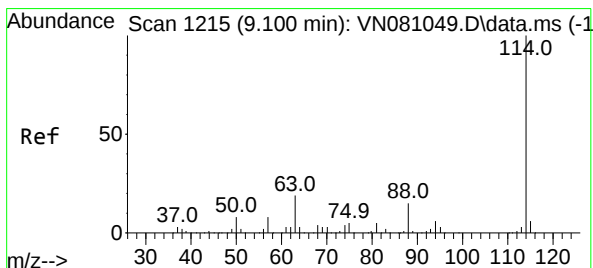
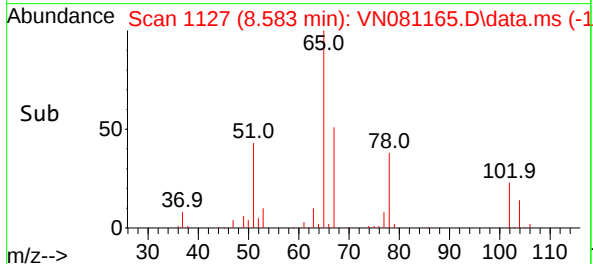
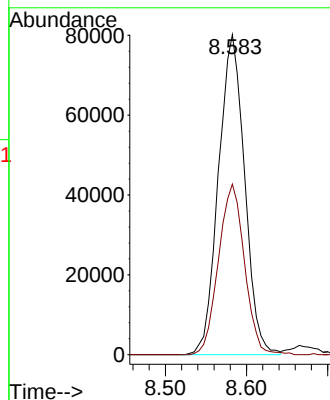
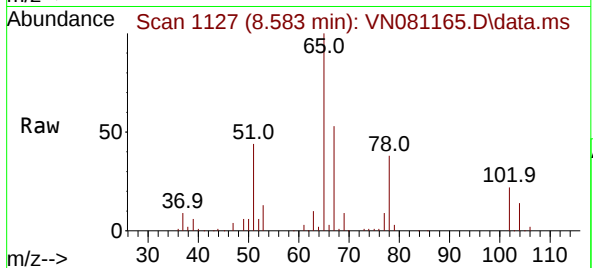
67 53.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

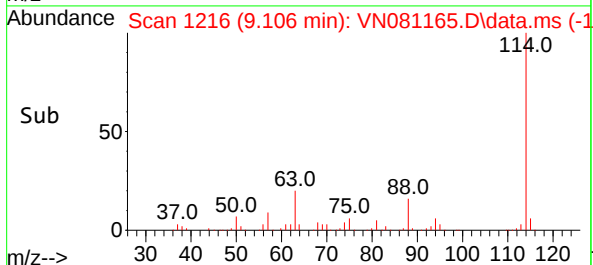
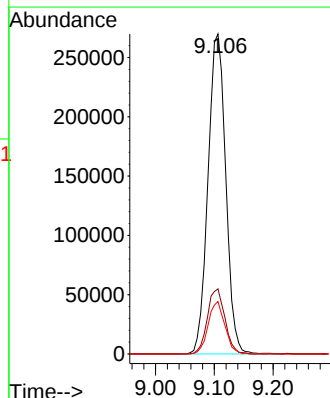
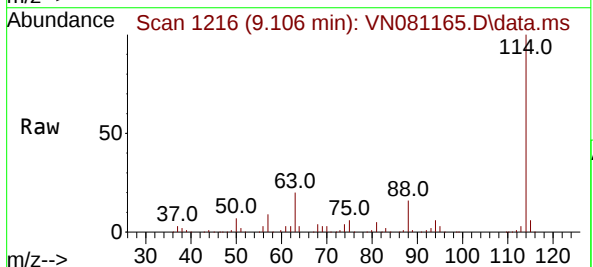
Tgt Ion:114 Resp: 566211

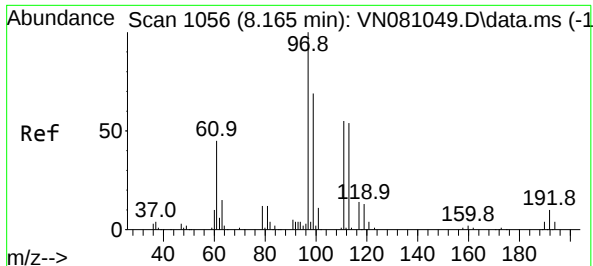
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 16.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.946 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

Tgt Ion:113 Resp: 153510

Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

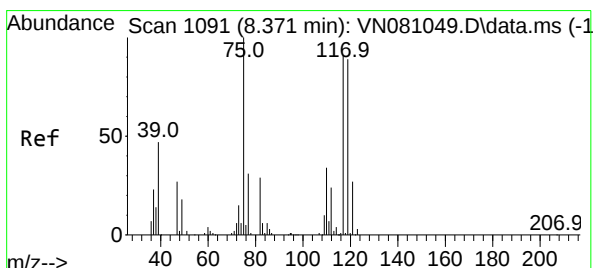
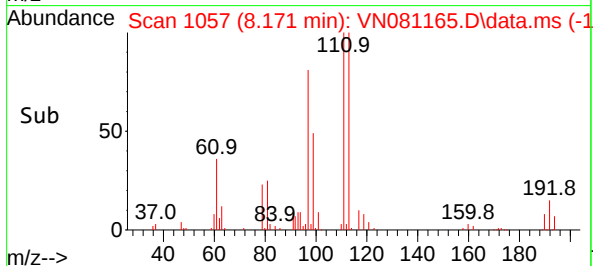
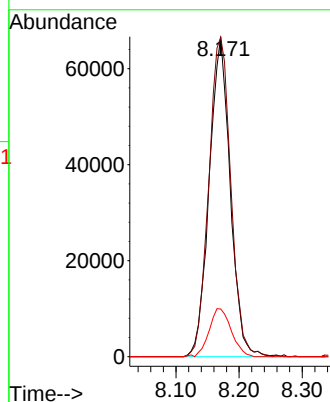
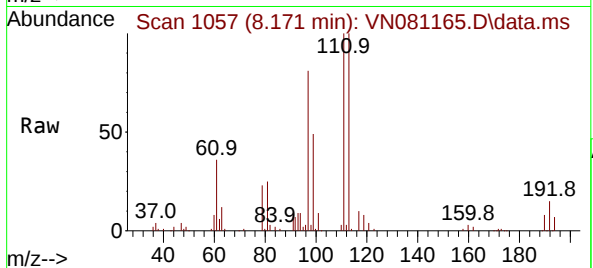
192 15.9 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#36

1,1-Dichloropropene

Concen: 19.582 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

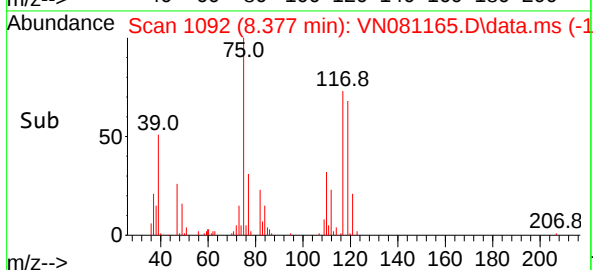
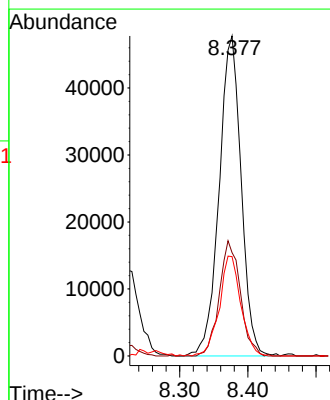
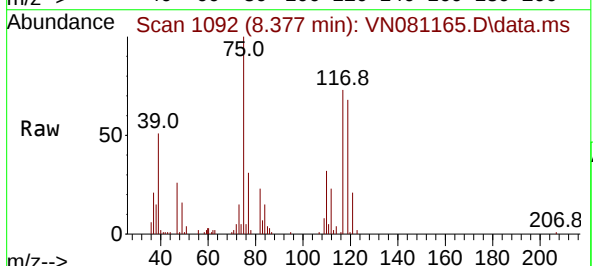
Tgt Ion: 75 Resp: 107411

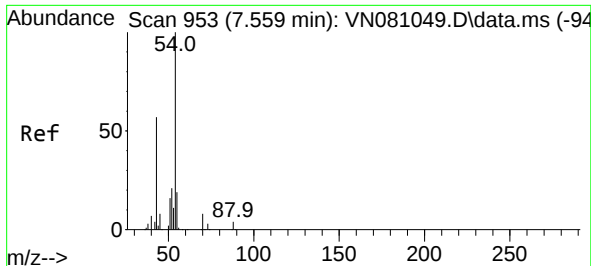
Ion Ratio Lower Upper

75 100

110 34.5 16.0 48.0

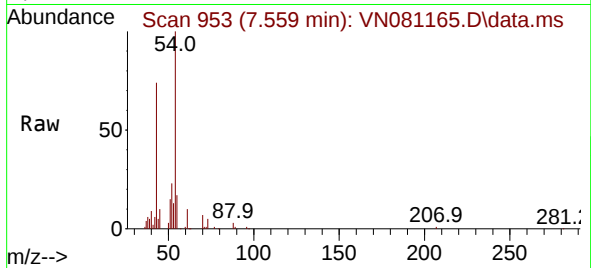
77 30.6 25.8 38.6





#37
Ethyl Acetate
Concen: 23.017 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

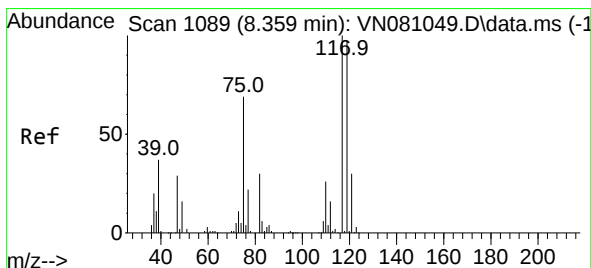
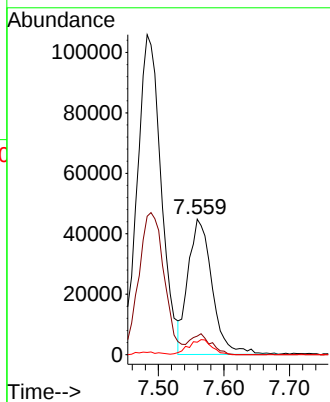
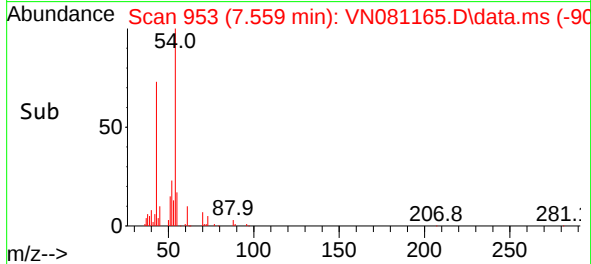
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 43 Resp: 11394
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 10.7 8.0 12.0

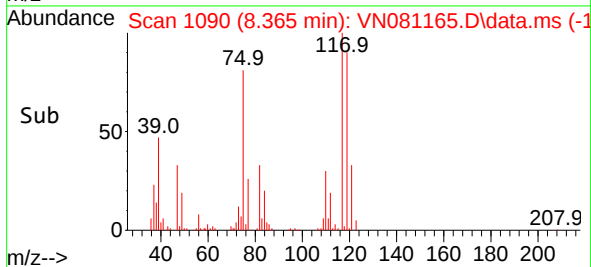
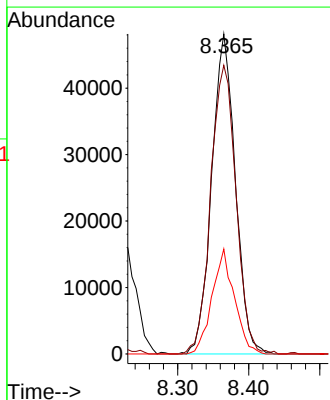
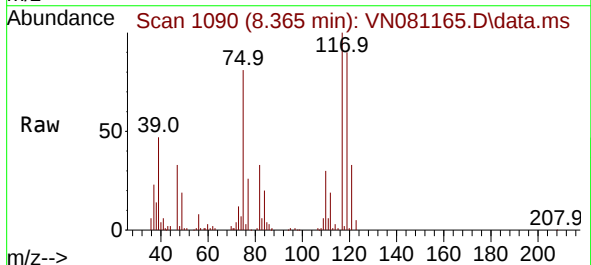
Manual Integrations
APPROVED

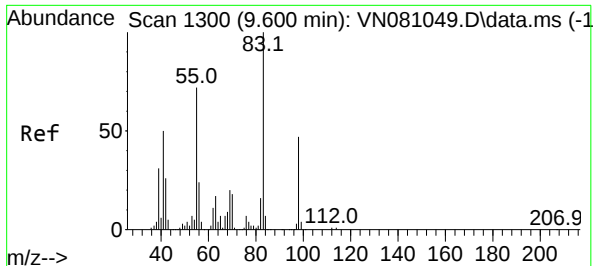
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#38
Carbon Tetrachloride
Concen: 20.048 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:117 Resp: 111258
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.2
121 32.8 24.4 36.6





#39

Methylcyclohexane

Concen: 19.819 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081165.D

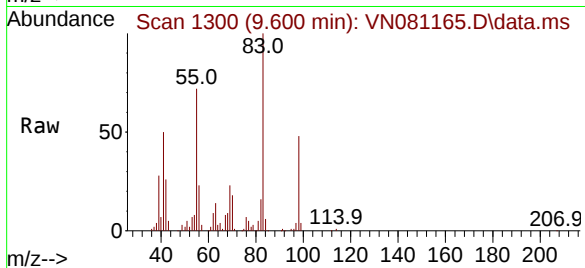
Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02



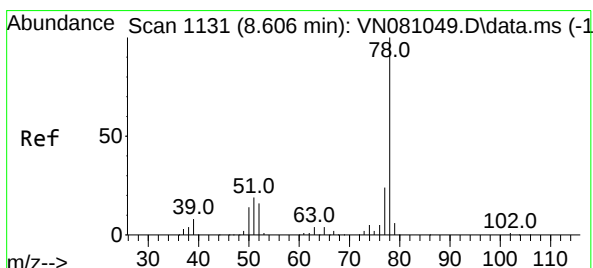
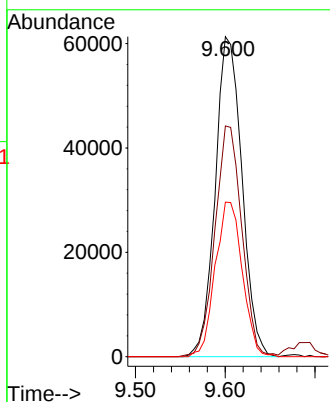
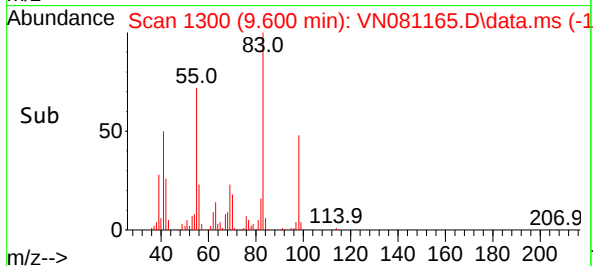
Tgt Ion: 83	Resp: 12673
Ion Ratio	Lower Upper
83	100
55	72.1 65.7 98.5
98	48.3 33.8 50.6

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#40

Benzene

Concen: 20.831 ug/l

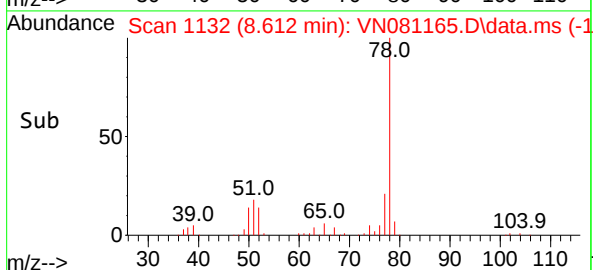
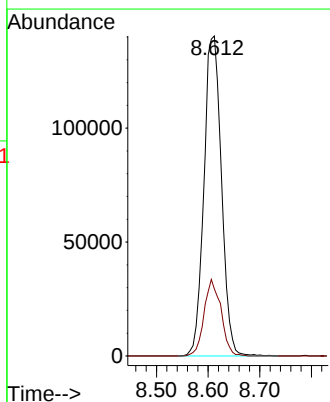
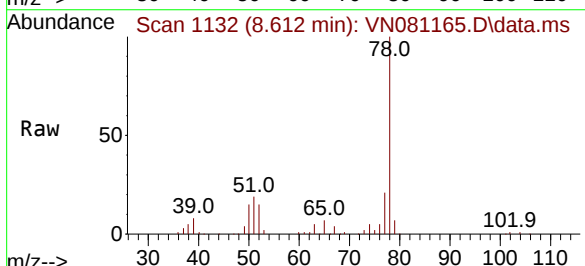
RT: 8.612 min Scan# 1132

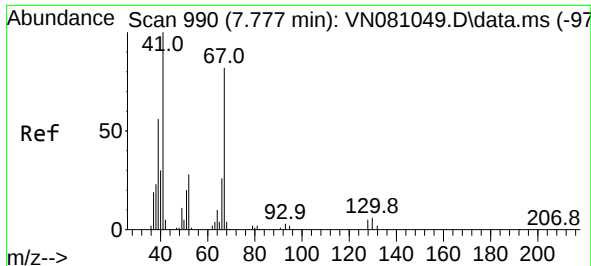
Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

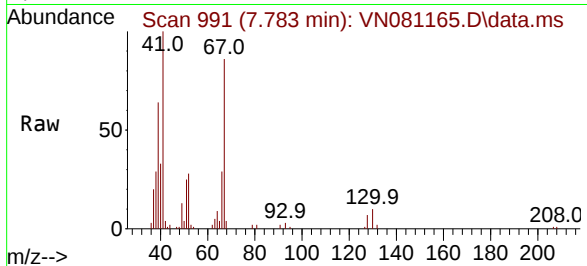
Tgt Ion: 78	Resp: 330735
Ion Ratio	Lower Upper
78	100
77	21.0 20.4 30.6





#41
Methacrylonitrile
Concen: 21.194 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

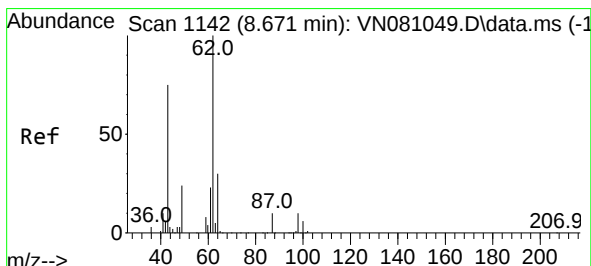
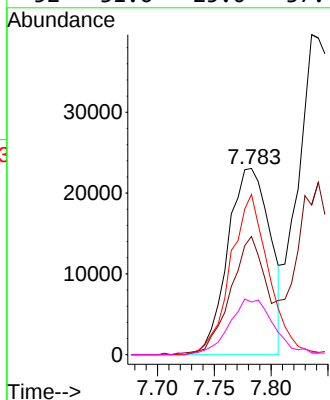
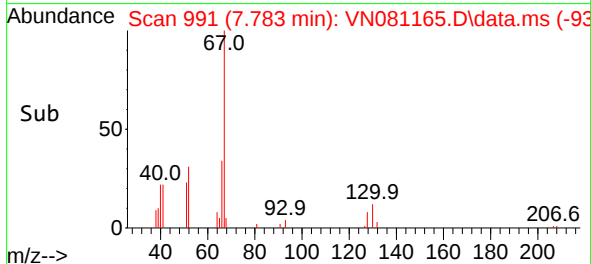
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 41 Resp: 5971
Ion Ratio Lower Upper
41 100
39 56.0 48.4 72.6
67 78.2 56.8 85.2
52 31.6 25.0 37.4

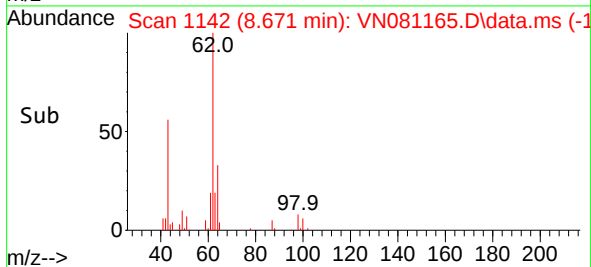
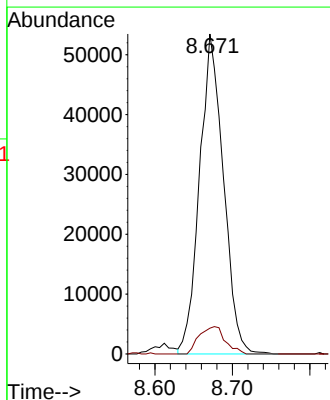
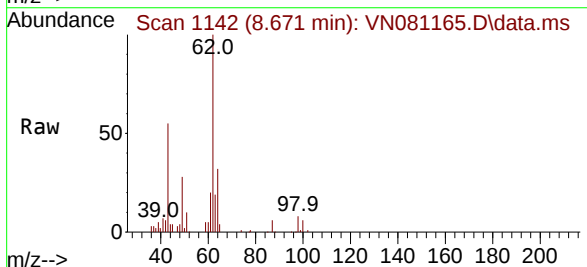
Manual Integrations
APPROVED

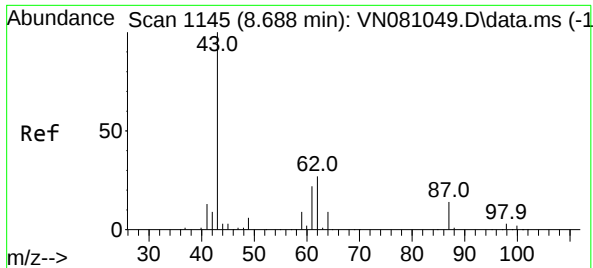
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 20.623 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 62 Resp: 114239
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 21.877 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

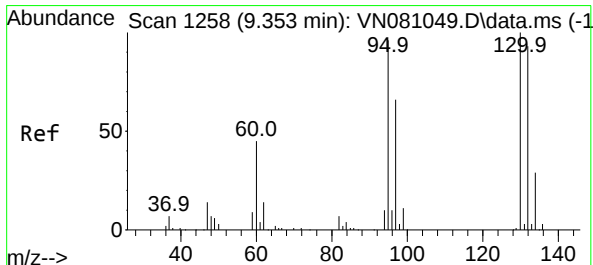
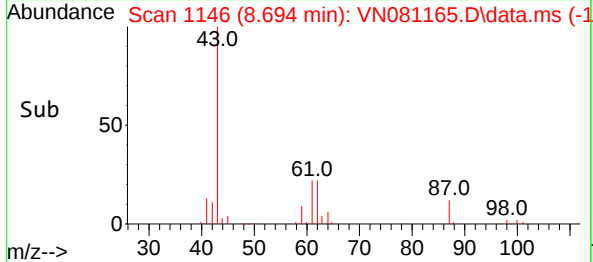
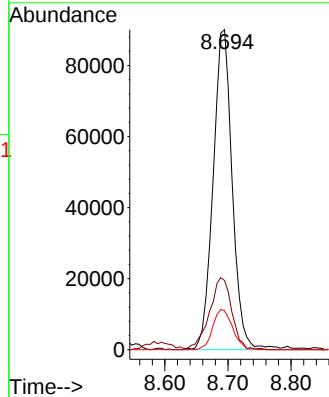
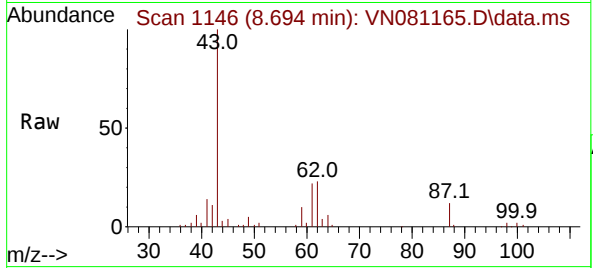
Tgt Ion: 43	Resp: 18941
Ion Ratio	Lower Upper
43	100
61	26.3 19.9 29.9
87	13.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#44

Trichloroethene

Concen: 19.993 ug/l

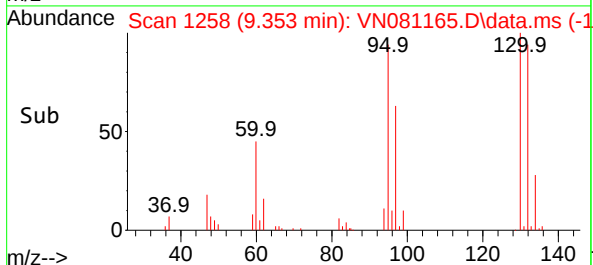
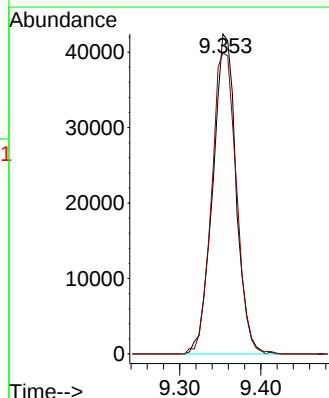
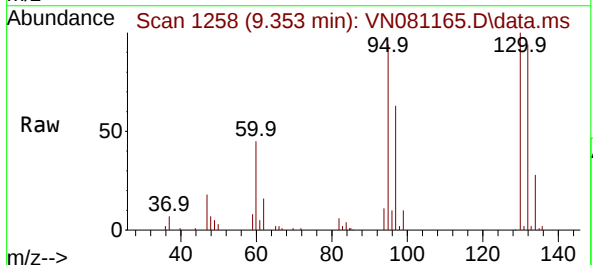
RT: 9.353 min Scan# 1258

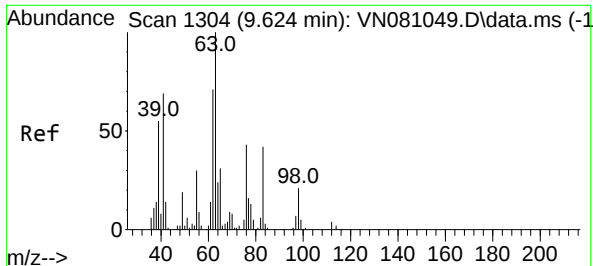
Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Tgt Ion:130	Resp: 84548
Ion Ratio	Lower Upper
130	100
95	94.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.252 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

Tgt Ion: 63 Resp: 8440

Ion Ratio Lower Upper

63 100

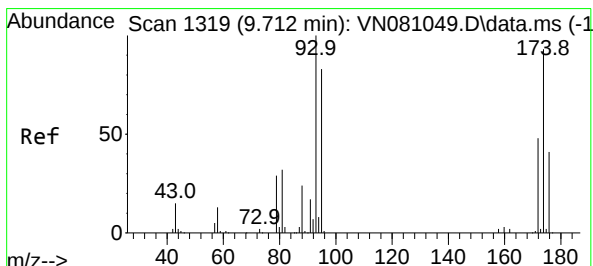
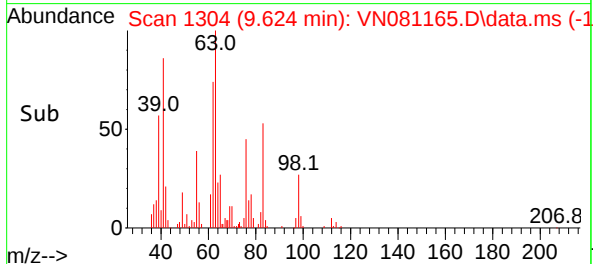
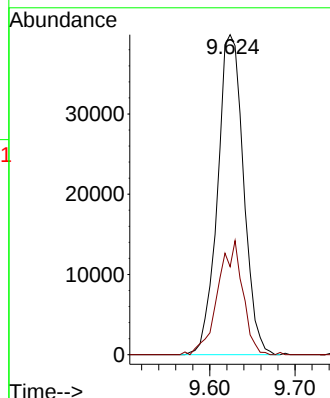
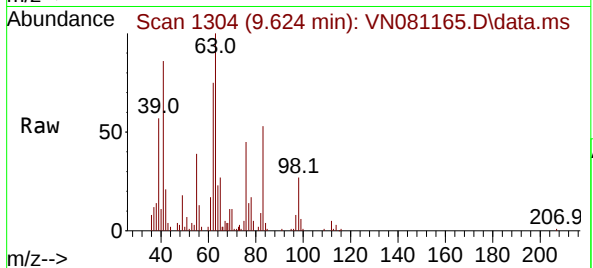
65 27.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#46

Dibromomethane

Concen: 20.585 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

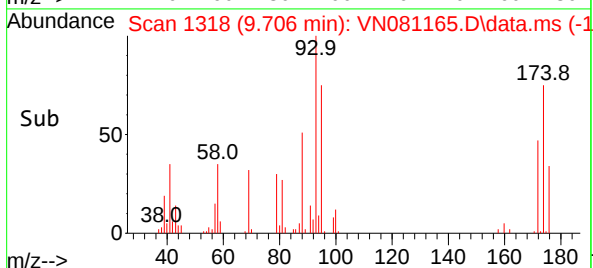
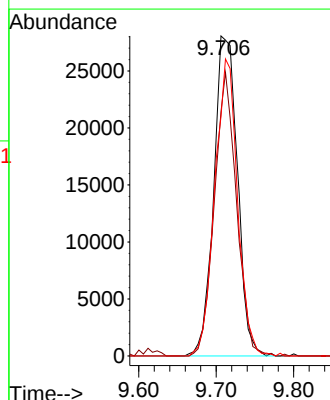
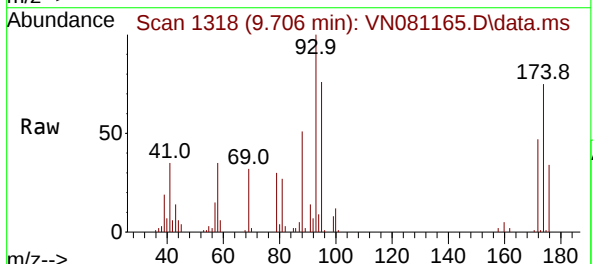
Tgt Ion: 93 Resp: 59568

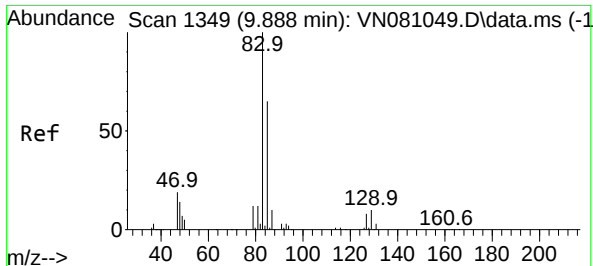
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

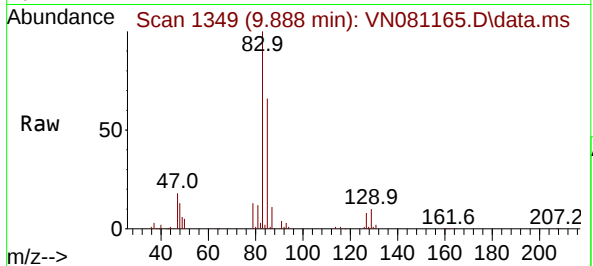
174 89.6 57.2 85.8#





#47
Bromodichloromethane
Concen: 21.003 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

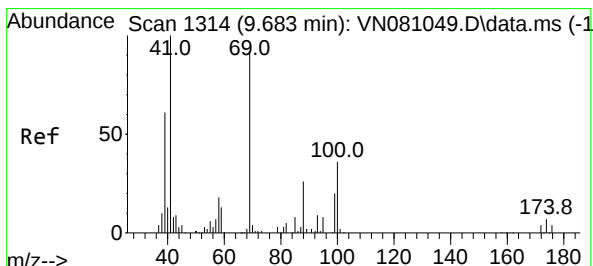
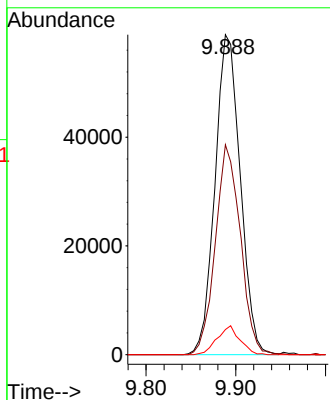
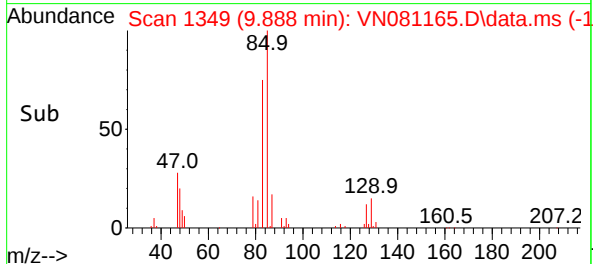
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 83 Resp: 11511
Ion Ratio Lower Upper
83 100
85 65.6 52.3 78.5
127 7.8 4.6 7.0

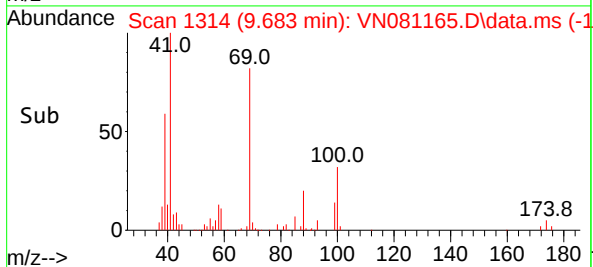
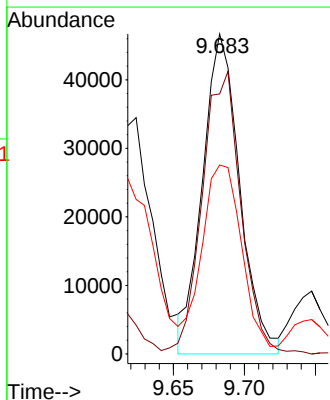
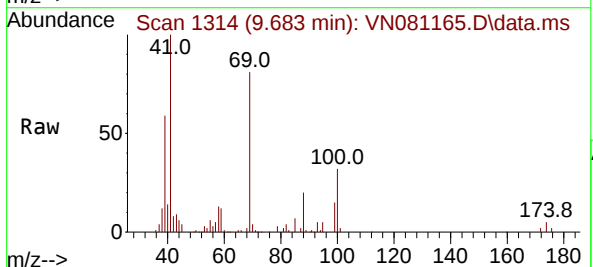
Manual Integrations
APPROVED

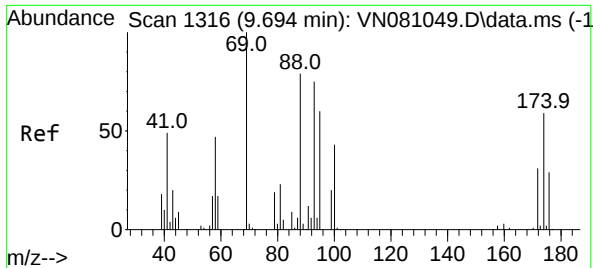
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 21.146 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

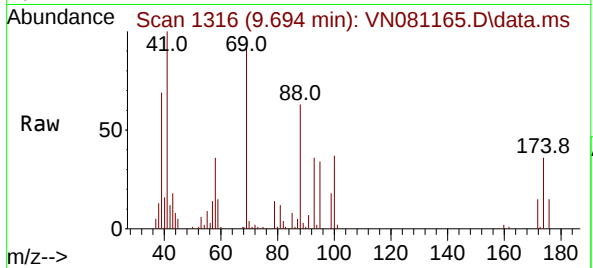
Tgt Ion: 41 Resp: 85190
Ion Ratio Lower Upper
41 100
69 91.0 62.2 93.2
39 63.9 47.6 71.4





#49
1,4-Dioxane
Concen: 474.470 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

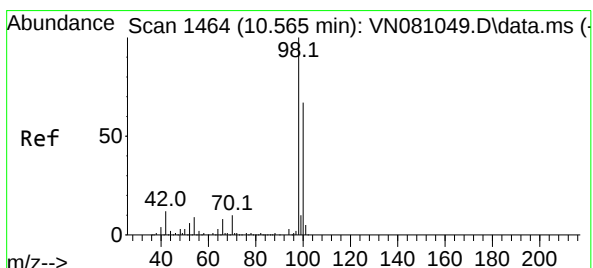
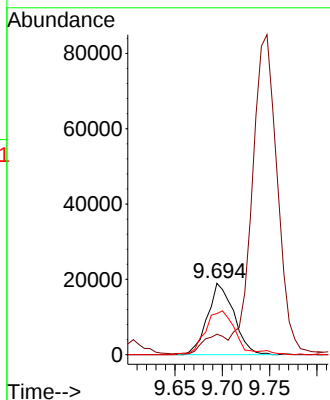
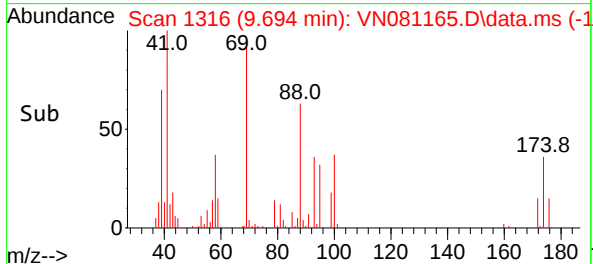
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 88 Resp: 3673
Ion Ratio Lower Upper
88 100
43 25.9 30.1 45.1
58 71.0 63.9 95.9

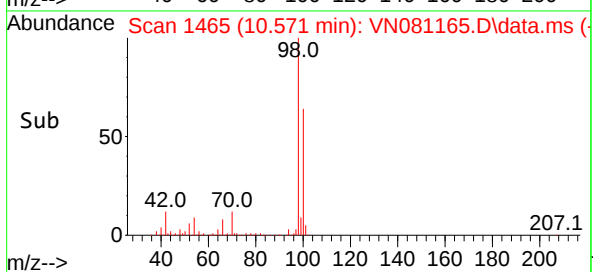
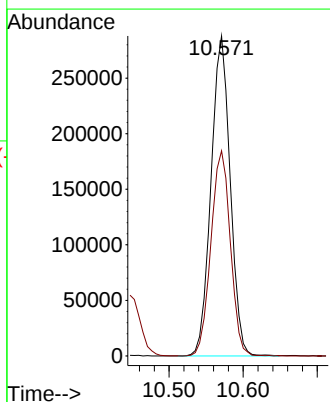
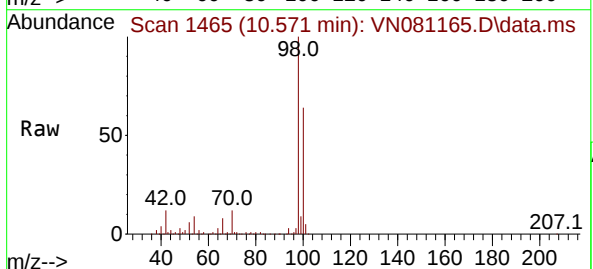
Manual Integrations
APPROVED

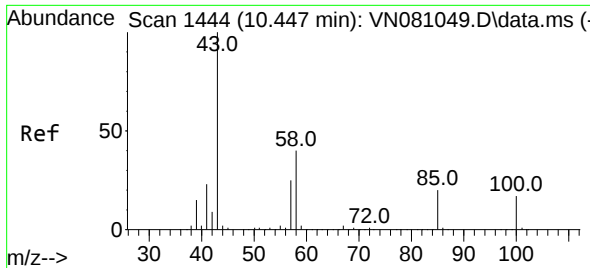
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#50
Toluene-d8
Concen: 45.406 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

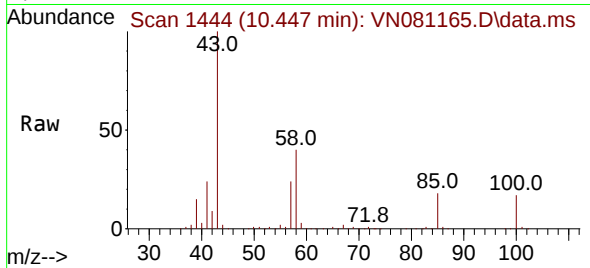
Tgt Ion: 98 Resp: 516347
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 118.478 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

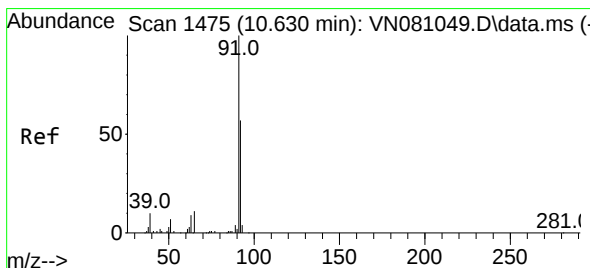
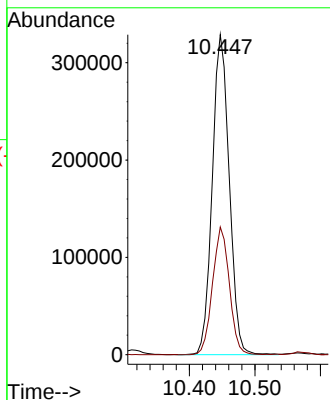
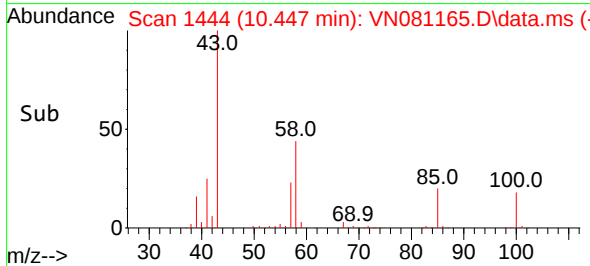
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



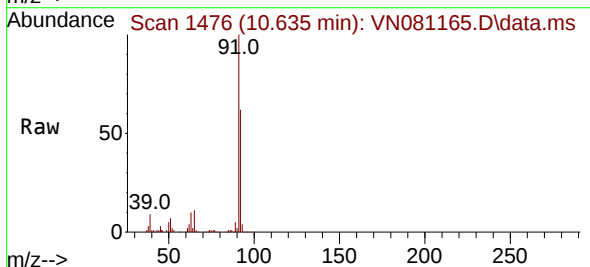
Tgt Ion: 43 Resp: 590092
Ion Ratio Lower Upper
43 100
58 39.5 29.4 44.0

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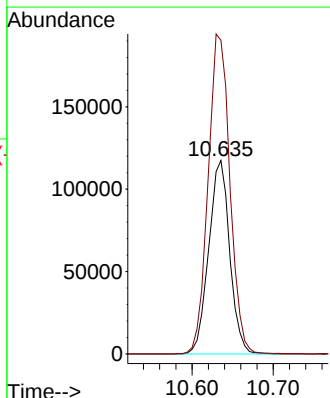
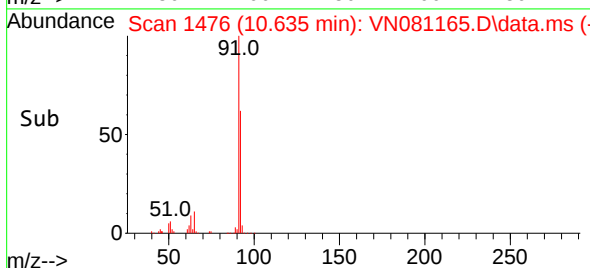
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

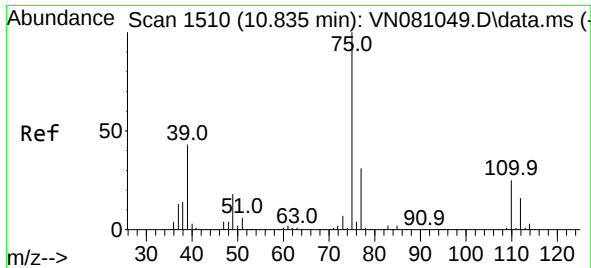


#52
Toluene
Concen: 20.955 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion: 92 Resp: 210629
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0





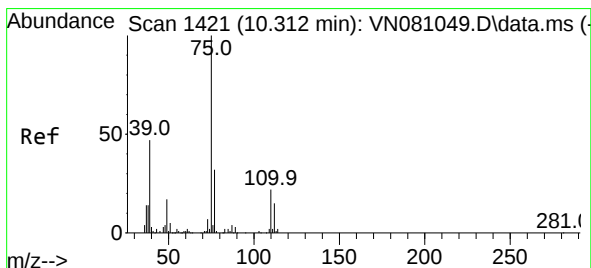
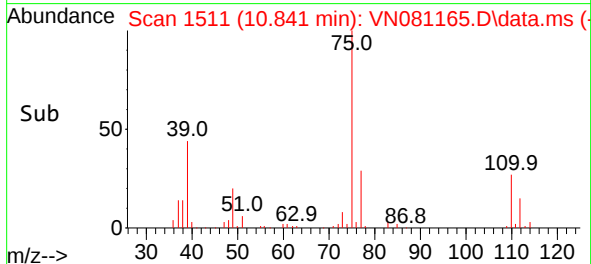
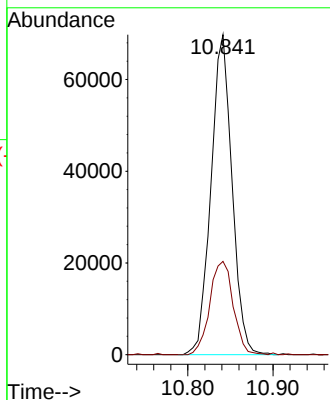
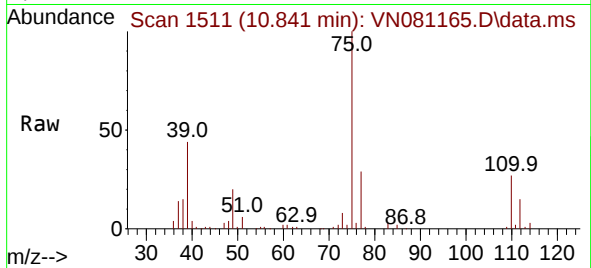
#53
t-1,3-Dichloropropene
Concen: 19.656 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion: 75 Resp: 119710
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3

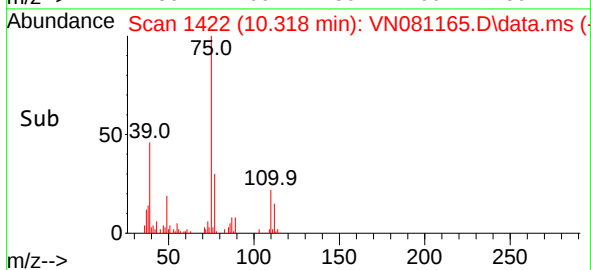
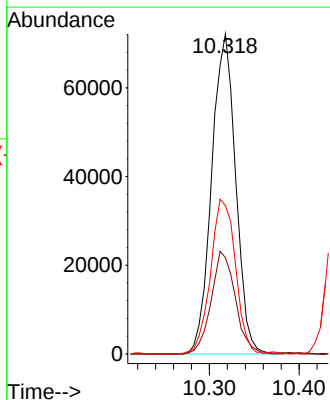
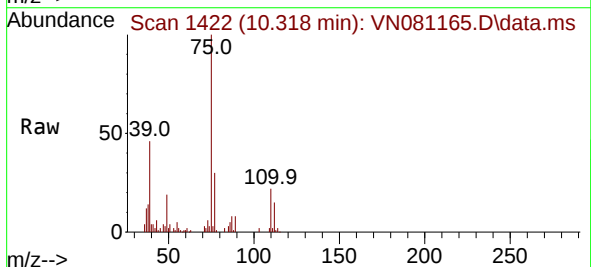
Manual Integrations
APPROVED

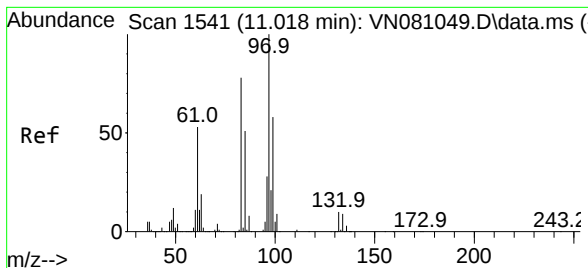
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#54
cis-1,3-Dichloropropene
Concen: 20.359 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

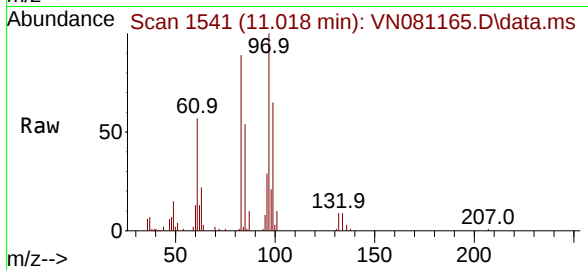
Tgt Ion: 75 Resp: 133965
Ion Ratio Lower Upper
75 100
77 30.1 23.3 34.9
39 45.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.911 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

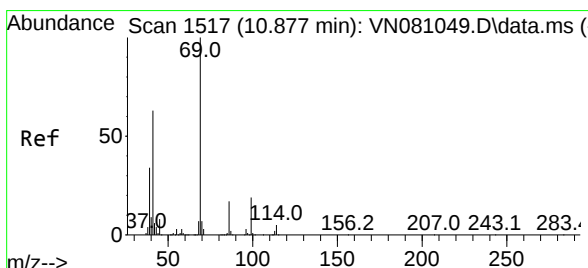
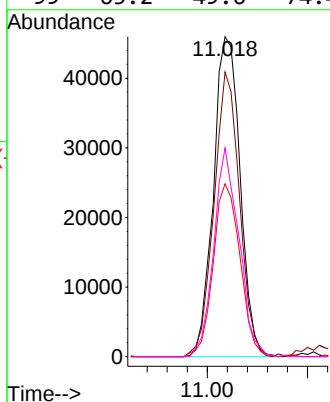
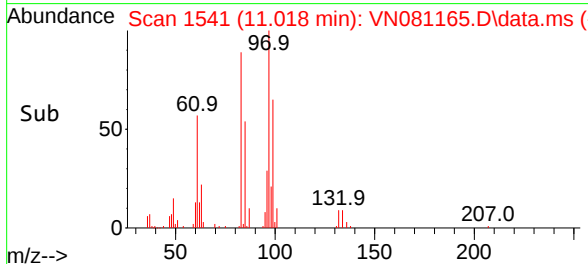
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



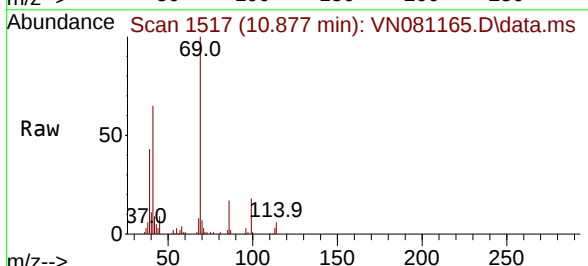
Tgt Ion: 97 Resp: 8470
Ion Ratio Lower Upper
97 100
83 88.9 72.9 109.3
85 54.1 50.2 75.2
99 65.2 49.6 74.4

Manual Integrations
APPROVED

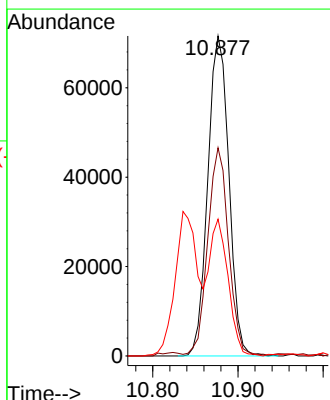
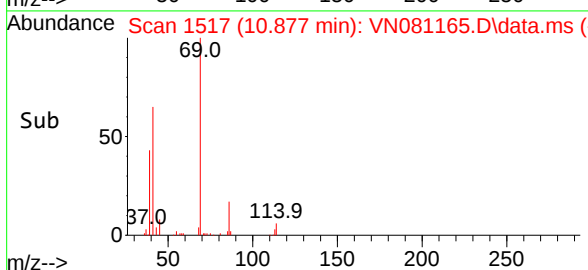
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

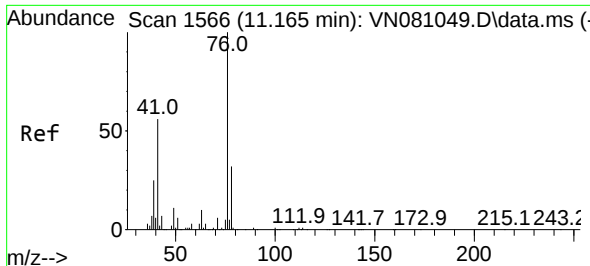


#56
Ethyl methacrylate
Concen: 20.854 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion: 69 Resp: 123212
Ion Ratio Lower Upper
69 100
41 63.6 61.0 91.6
39 38.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 21.901 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081165.D

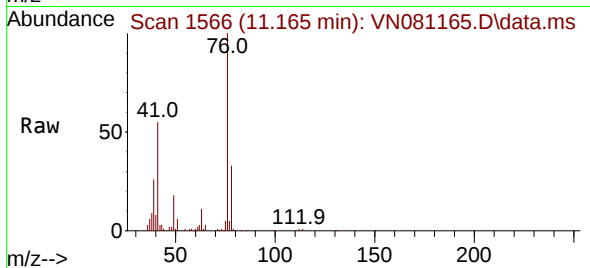
Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02



Tgt Ion: 76 Resp: 146399

Ion Ratio Lower Upper

76 100

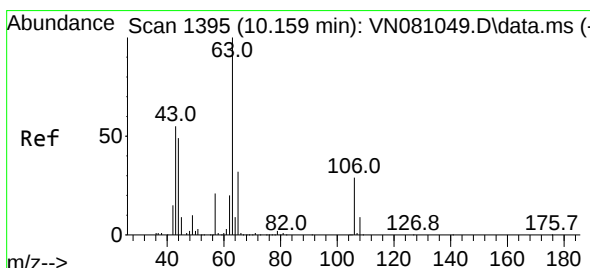
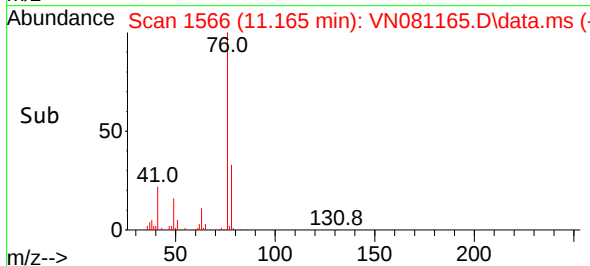
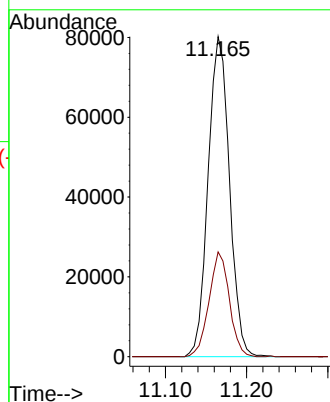
78 31.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.106 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081165.D

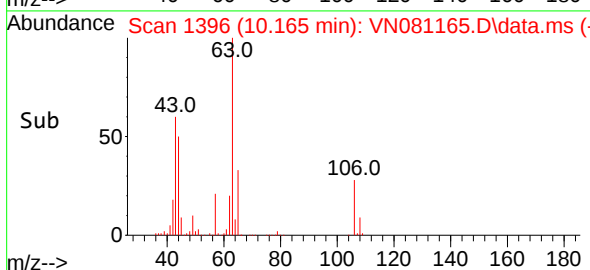
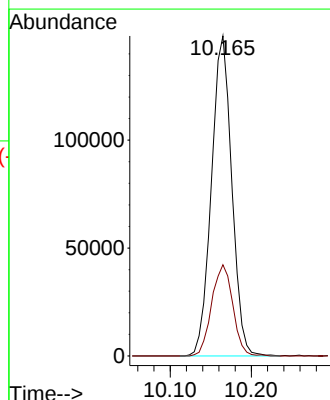
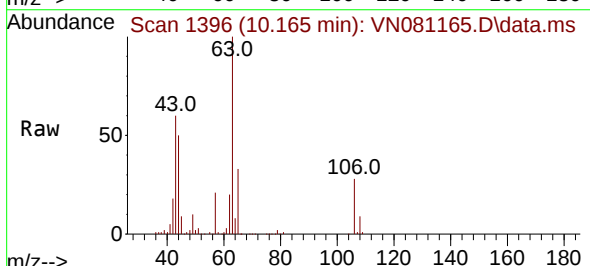
Acq: 23 Feb 2024 17:44

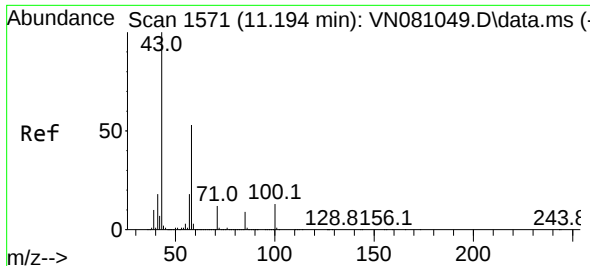
Tgt Ion: 63 Resp: 258227

Ion Ratio Lower Upper

63 100

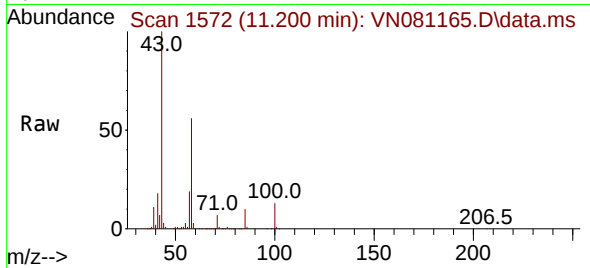
106 29.5 18.6 28.0#





#59
2-Hexanone
Concen: 111.368 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

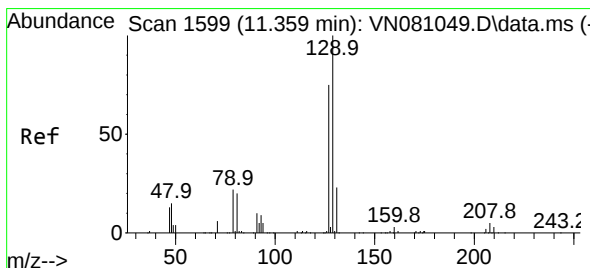
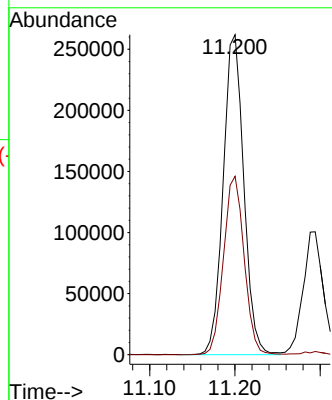
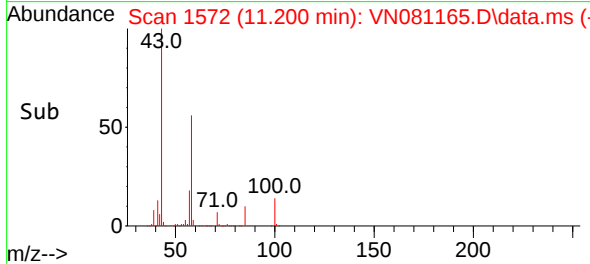
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 43 Resp: 439750
Ion Ratio Lower Upper
43 100
58 55.9 25.9 77.8

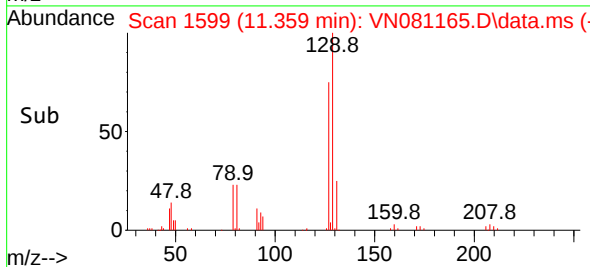
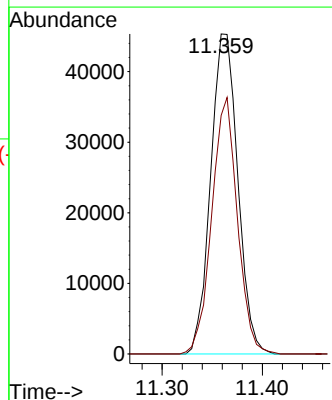
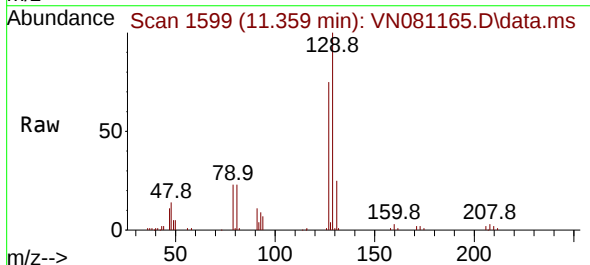
Manual Integrations
APPROVED

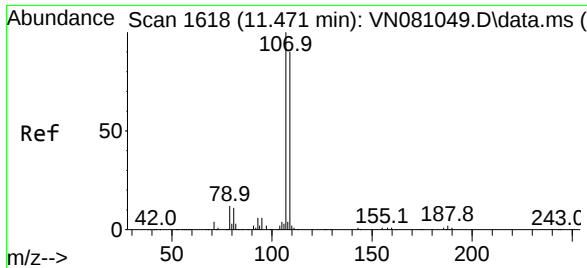
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 20.790 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

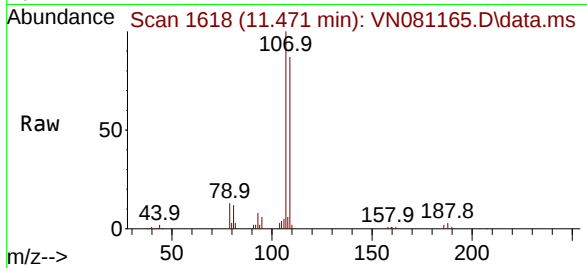
Tgt Ion:129 Resp: 85384
Ion Ratio Lower Upper
129 100
127 75.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.678 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

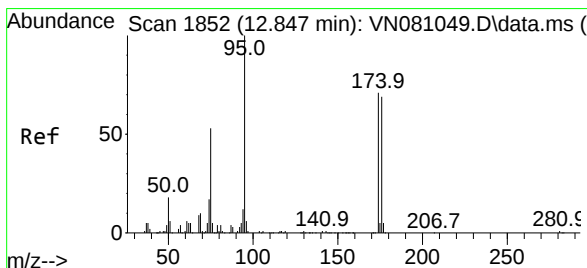
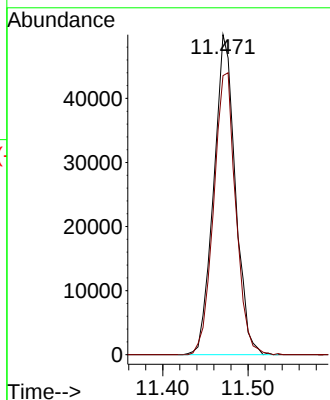
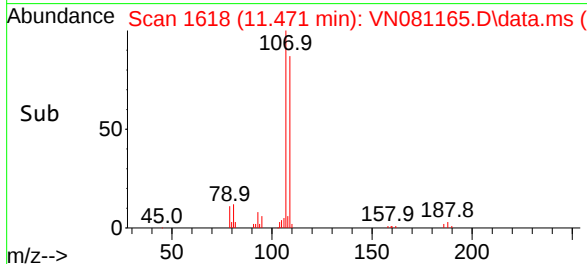
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



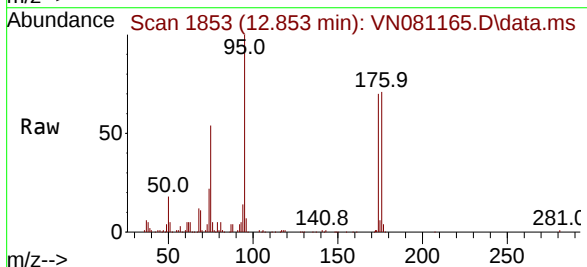
Tgt Ion:107 Resp: 8812
Ion Ratio Lower Upper
107 100
109 90.0 73.4 110.2

Manual Integrations
APPROVED

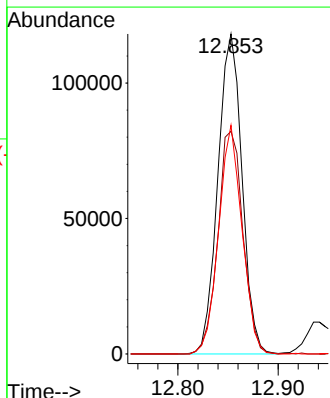
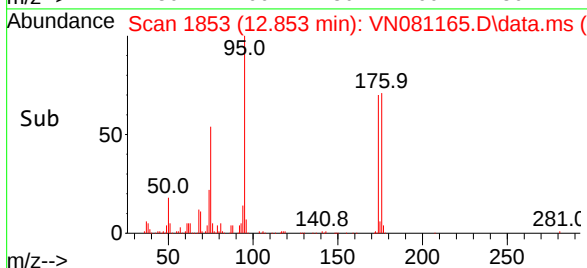
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

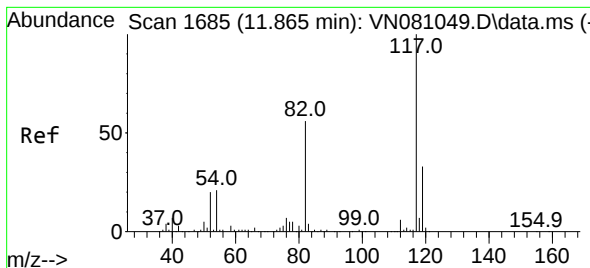


#62
4-Bromofluorobenzene
Concen: 46.123 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



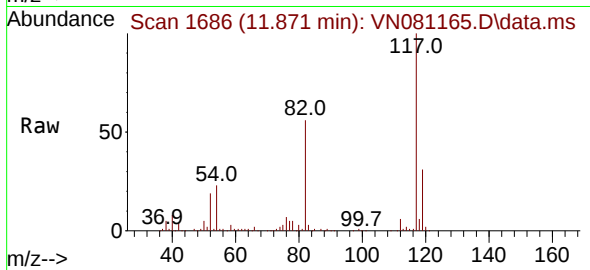
Tgt Ion: 95 Resp: 197081
Ion Ratio Lower Upper
95 100
174 72.5 0.0 120.4
176 69.4 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11871
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

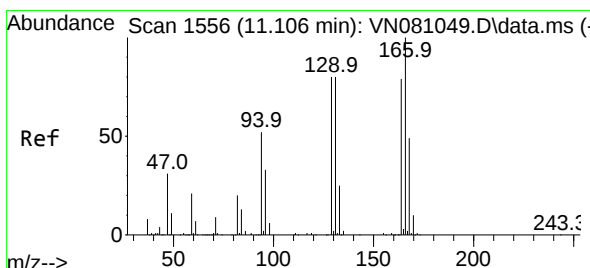
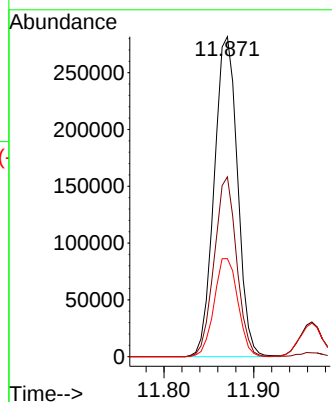
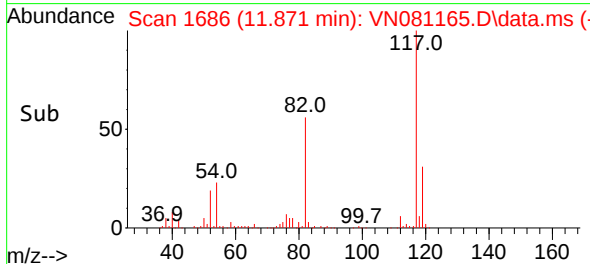
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion:117 Resp: 508950
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 30.7 25.3 37.9

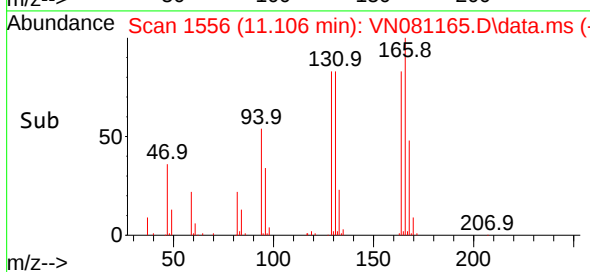
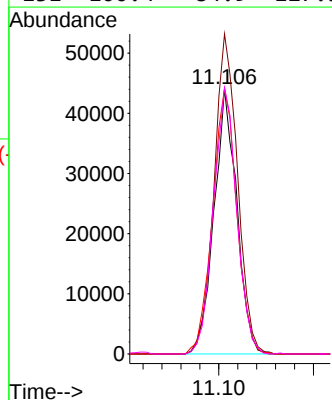
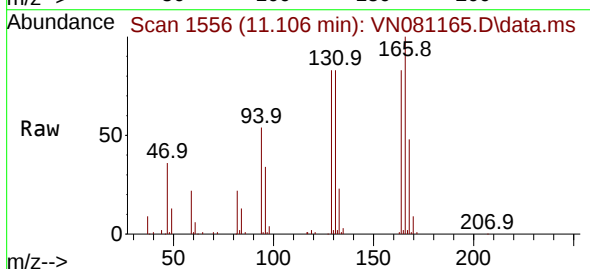
Manual Integrations
APPROVED

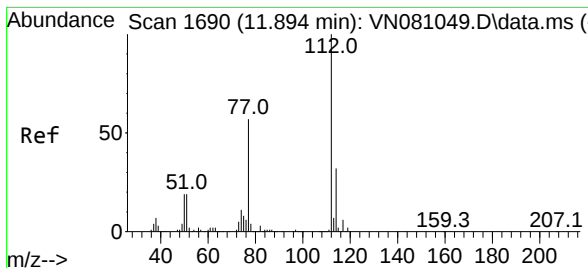
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 21.207 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

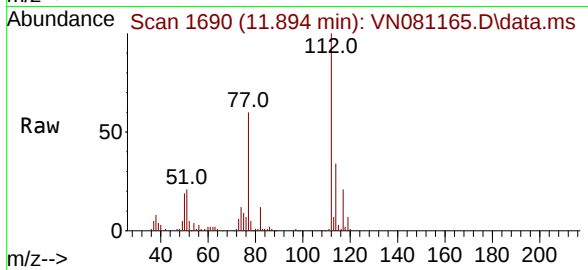
Tgt Ion:164 Resp: 73666
Ion Ratio Lower Upper
164 100
166 120.6 105.8 158.6
129 100.1 89.6 134.4
131 100.4 84.9 127.3





#65
Chlorobenzene
Concen: 20.059 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

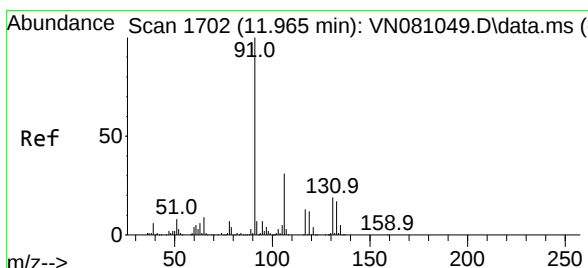
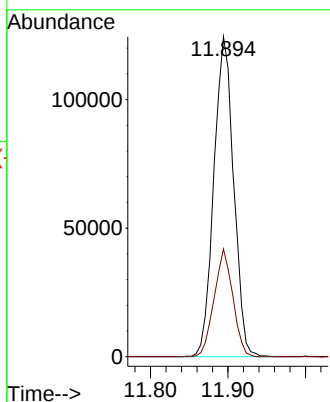
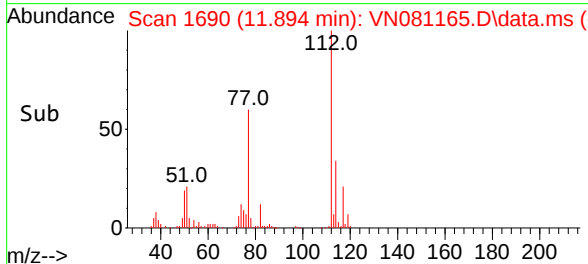
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



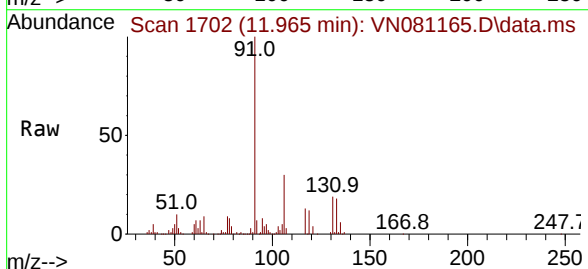
Tgt Ion:112 Resp: 220959
Ion Ratio Lower Upper
112 100
114 33.6 23.7 35.5

Manual Integrations
APPROVED

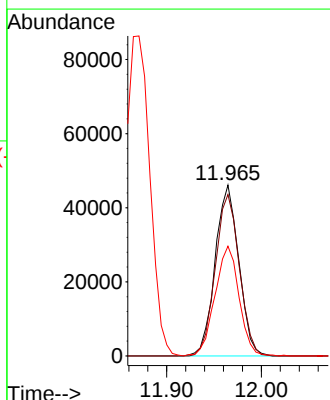
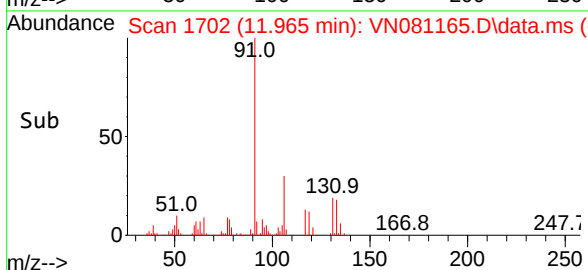
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

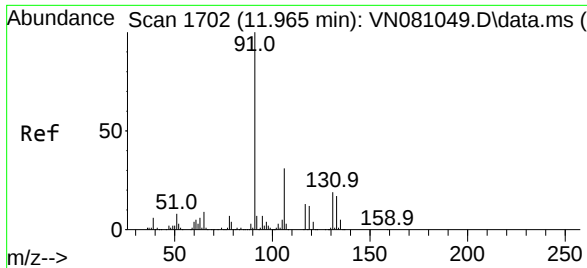


#66
1,1,1,2-Tetrachloroethane
Concen: 20.236 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



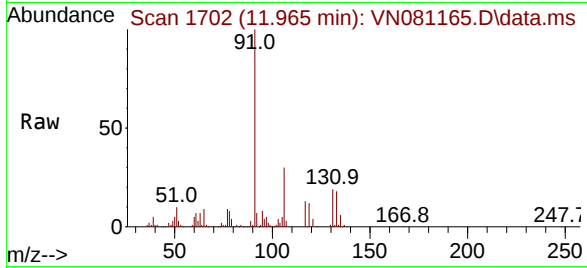
Tgt Ion:131 Resp: 80060
Ion Ratio Lower Upper
131 100
133 95.7 46.8 140.3
119 65.5 34.6 103.9





#67
Ethyl Benzene
Concen: 19.969 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

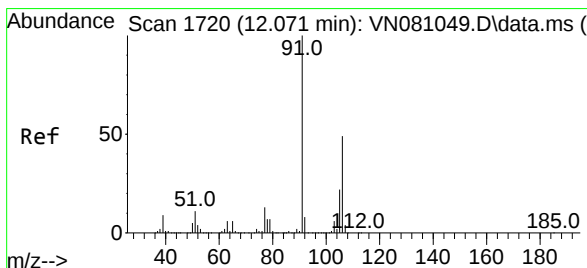
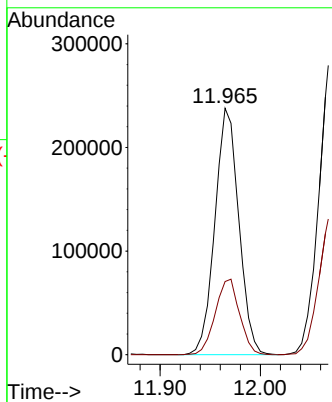
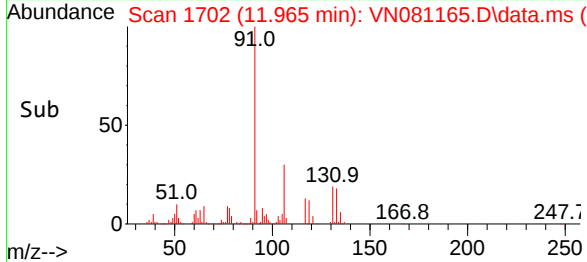
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



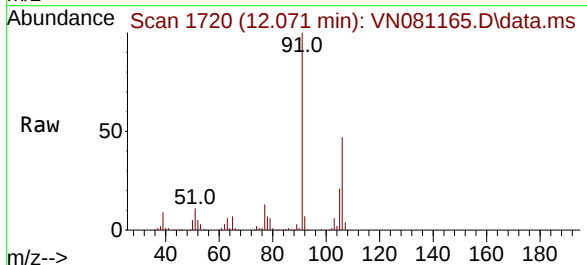
Tgt Ion: 91 Resp: 393604
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

Manual Integrations
APPROVED

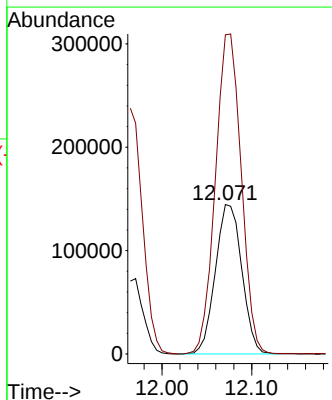
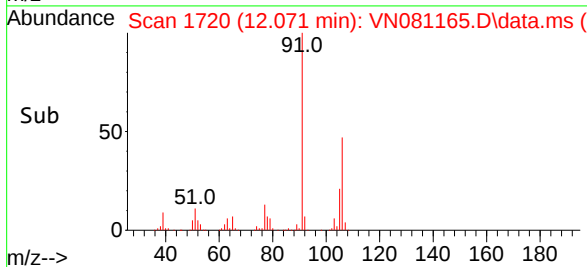
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

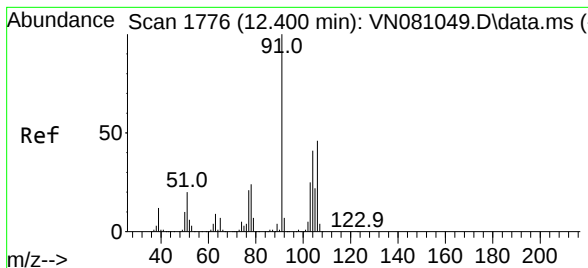


#68
m/p-Xylenes
Concen: 39.180 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion:106 Resp: 296010
Ion Ratio Lower Upper
106 100
91 209.3 169.0 253.6





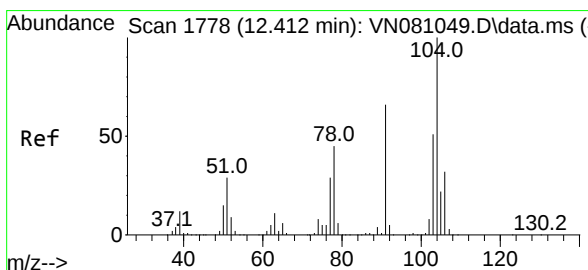
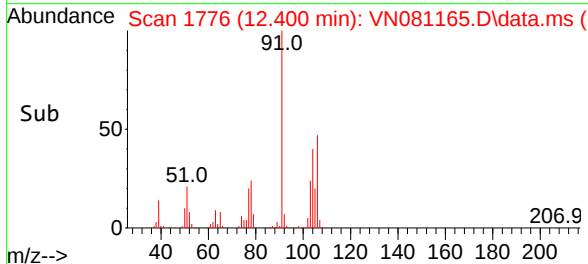
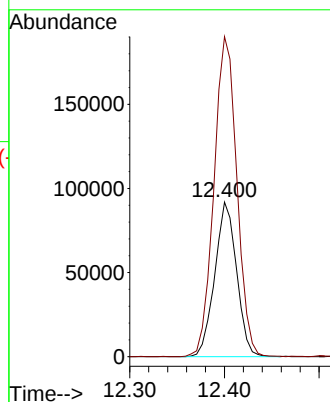
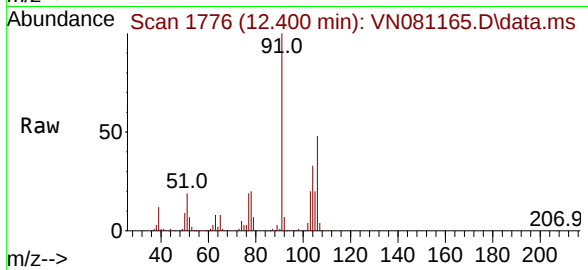
#69
o-Xylene
Concen: 19.680 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion:106 Resp: 147385
Ion Ratio Lower Upper
106 100
91 217.1 112.1 336.3

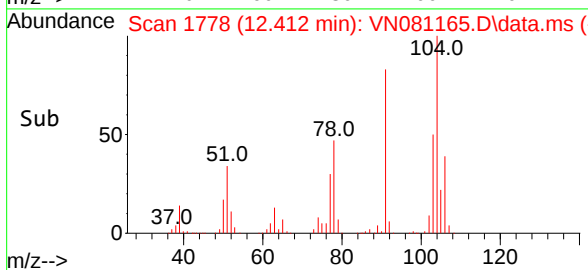
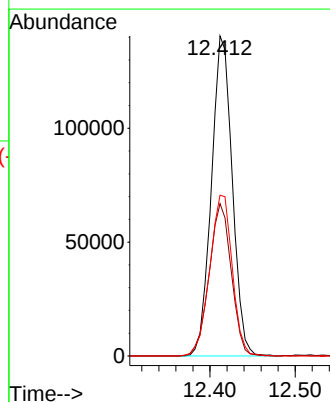
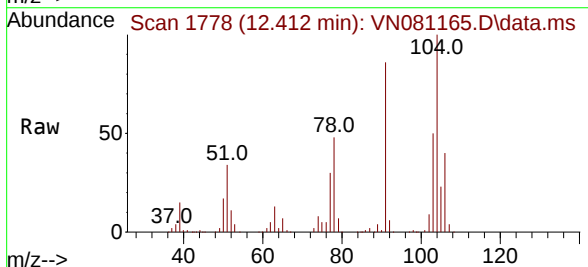
Manual Integrations
APPROVED

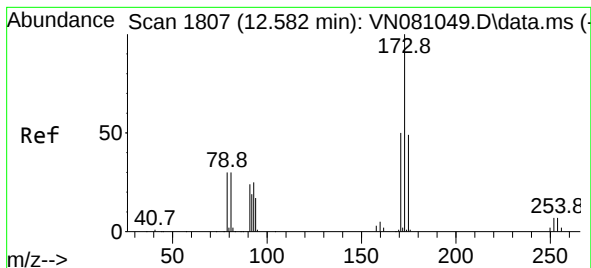
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#70
Styrene
Concen: 20.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:104 Resp: 238859
Ion Ratio Lower Upper
104 100
78 50.4 43.8 65.8
103 54.2 44.2 66.2





#71

Bromoform

Concen: 21.193 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

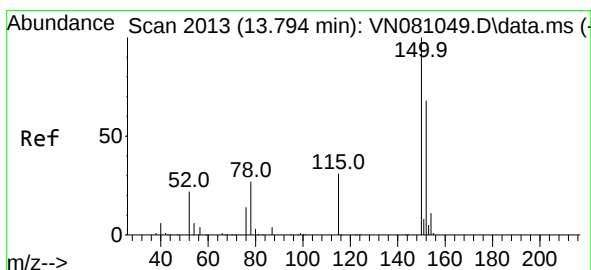
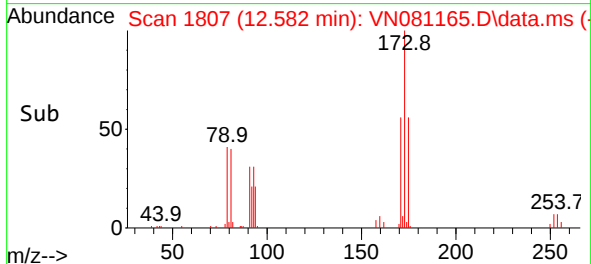
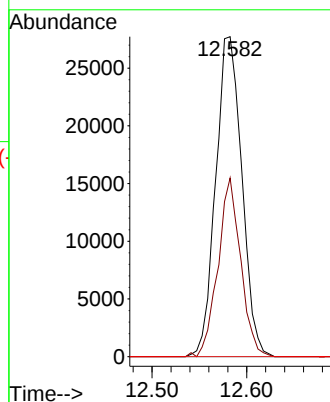
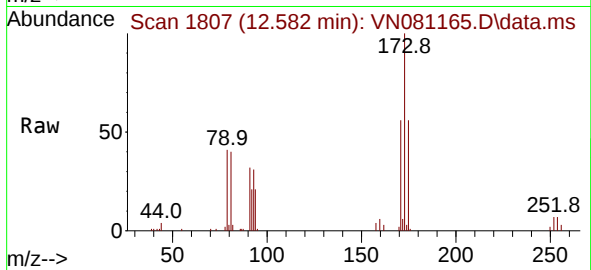
Tgt Ion:173 Resp: 53190
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

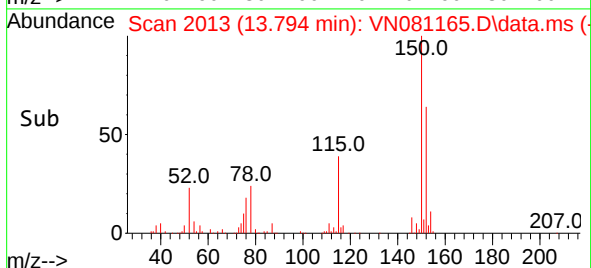
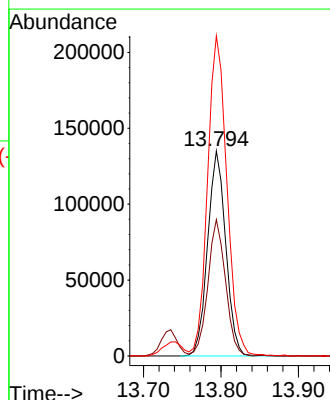
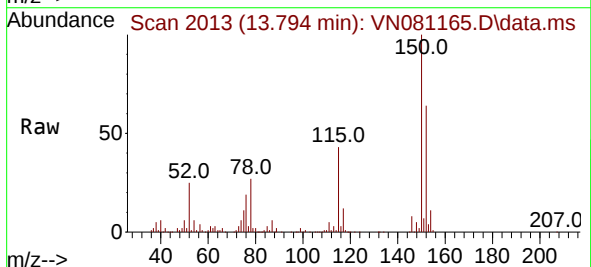
RT: 13.794 min Scan# 2013

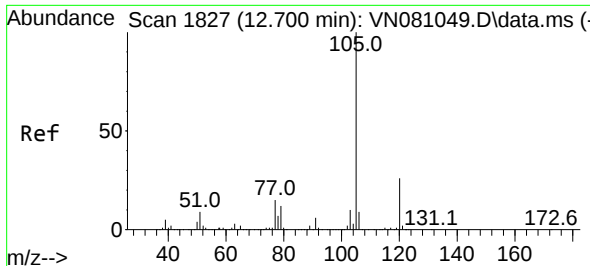
Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

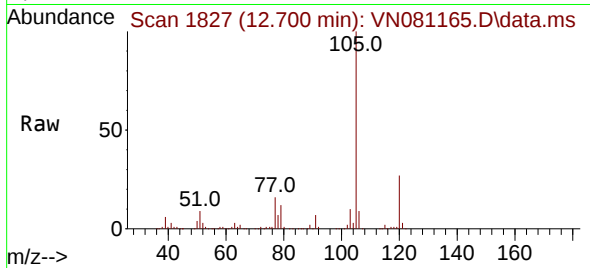
Tgt Ion:152 Resp: 219412
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 166.1 0.0 339.8





#73
Isopropylbenzene
Concen: 20.358 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

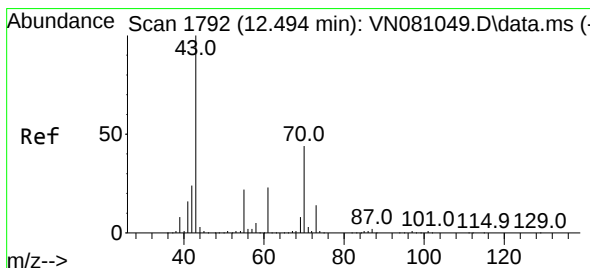
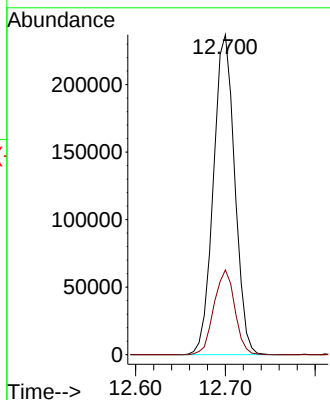
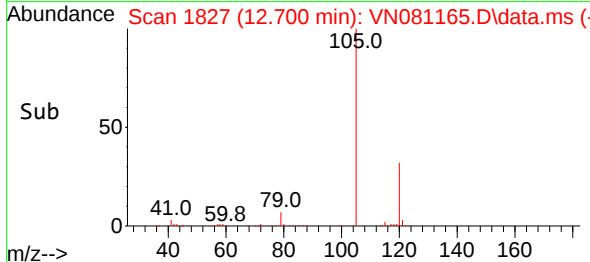
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



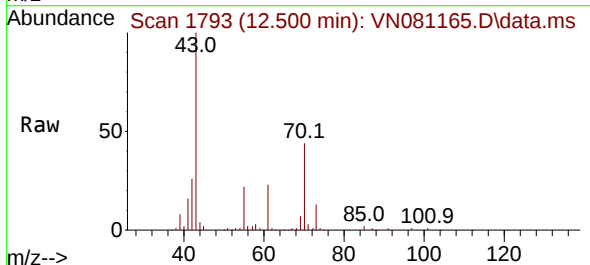
Tgt Ion:105 Resp: 390815
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

Manual Integrations
APPROVED

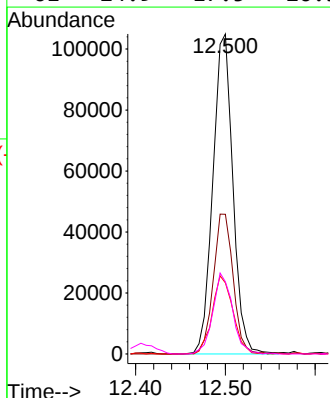
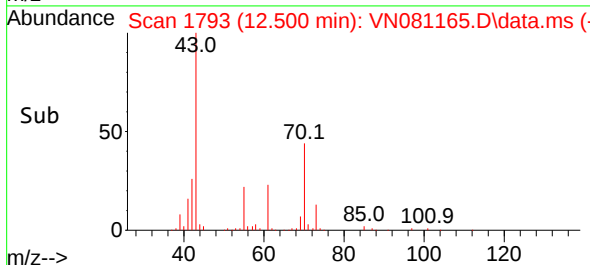
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

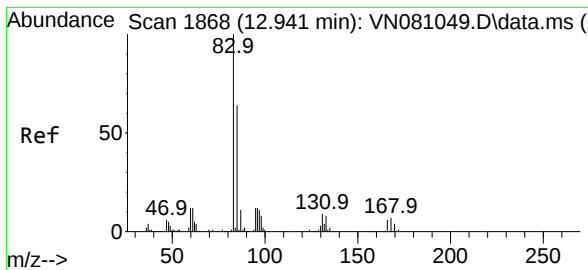


#74
N-ethyl acetate
Concen: 20.041 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



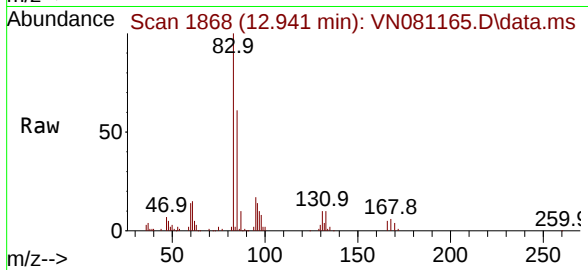
Tgt Ion: 43 Resp: 162604
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 25.3 17.0 25.4
61 24.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 22.212 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

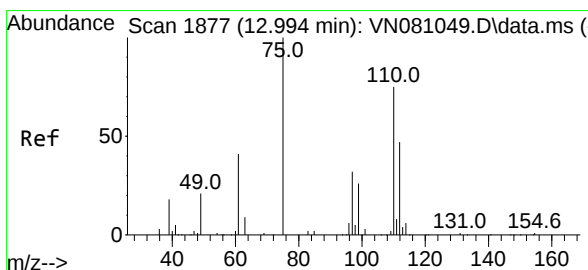
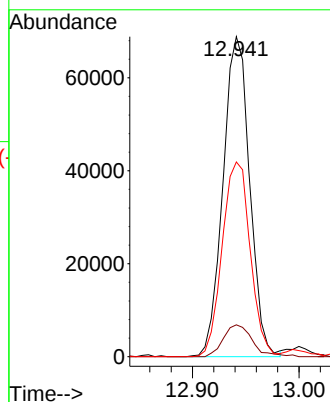
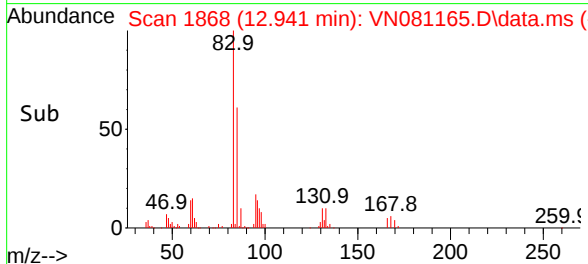
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 83 Resp: 11990
Ion Ratio Lower Upper
83 100
131 10.8 4.1 12.3
85 64.0 32.1 96.3

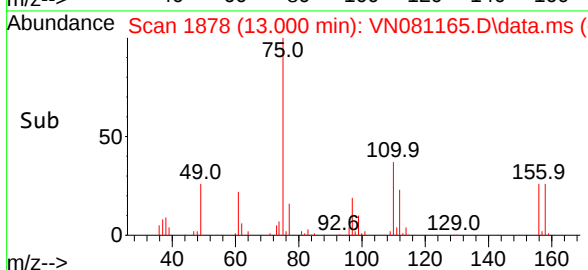
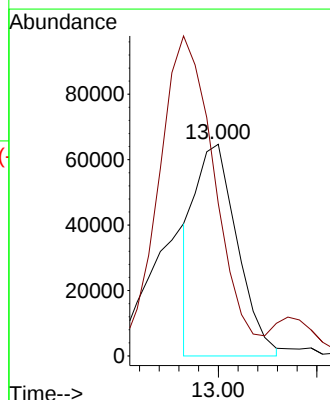
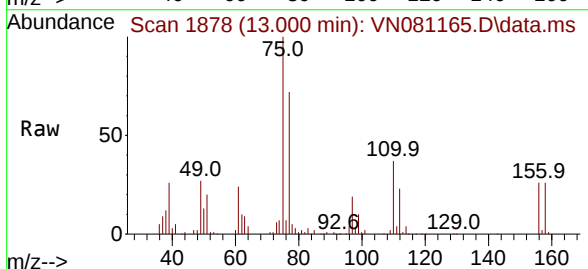
Manual Integrations
APPROVED

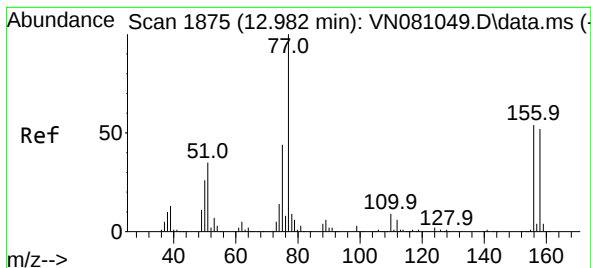
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#76
1,2,3-Trichloropropane
Concen: 19.354 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 96484
Ion Ratio Lower Upper
75 100
77 202.7 91.0 272.8





#77

Bromobenzene

Concen: 19.011 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

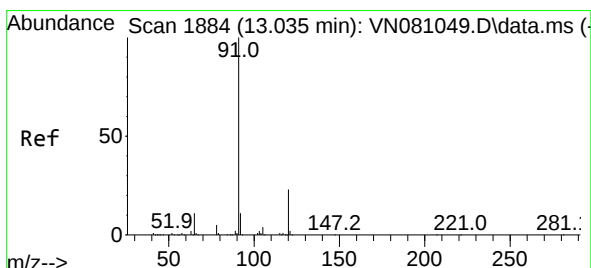
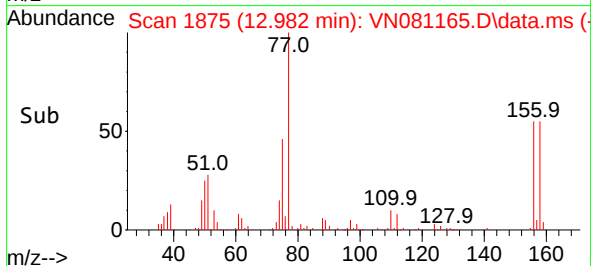
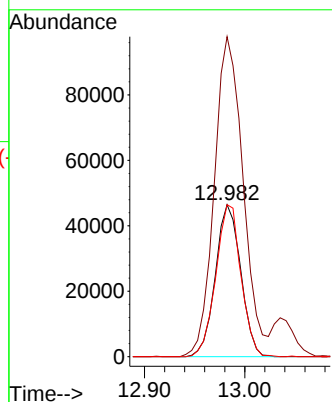
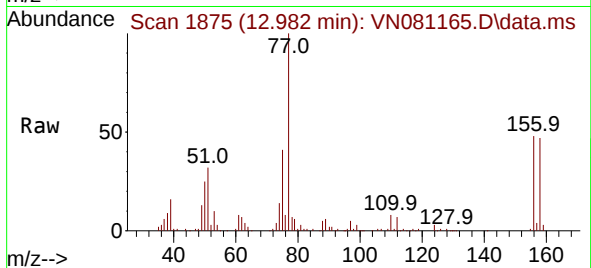
Tgt Ion:	156	Resp:	81375
Ion Ratio	Lower	Upper	
156	100		
77	240.3	138.1	414.3
158	99.3	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#78

n-propylbenzene

Concen: 20.826 ug/l

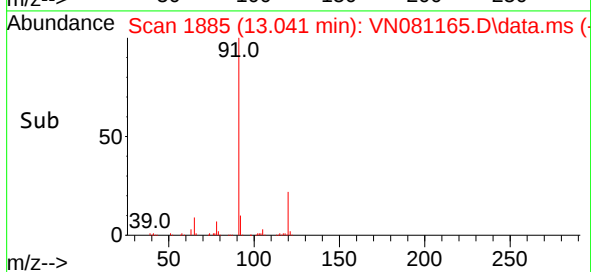
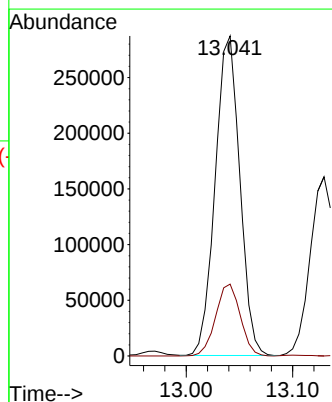
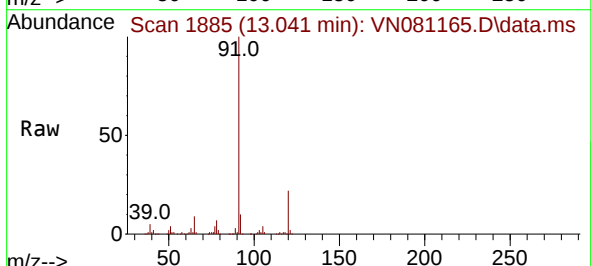
RT: 13.041 min Scan# 1885

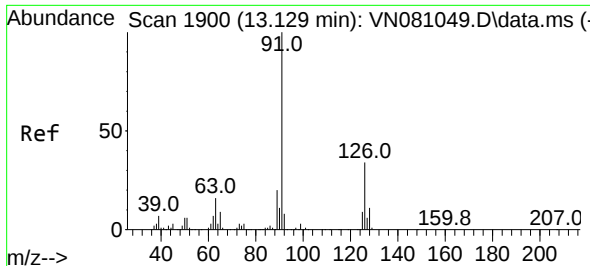
Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

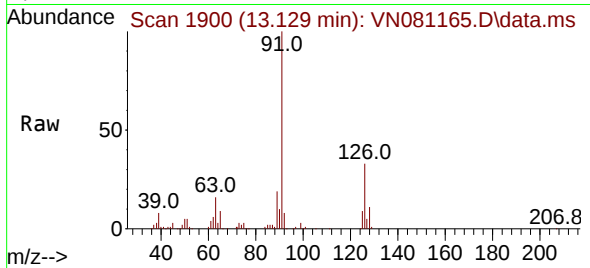
Tgt Ion:	91	Resp:	460235
Ion Ratio	Lower	Upper	
91	100		
120	22.5	10.3	30.9





#79
2-Chlorotoluene
Concen: 20.081 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

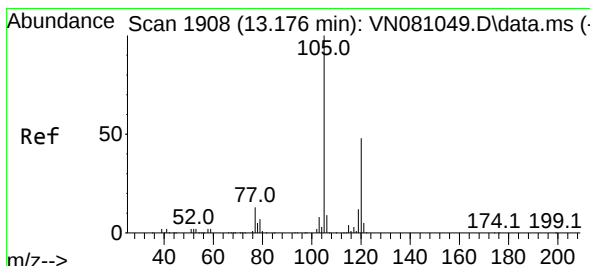
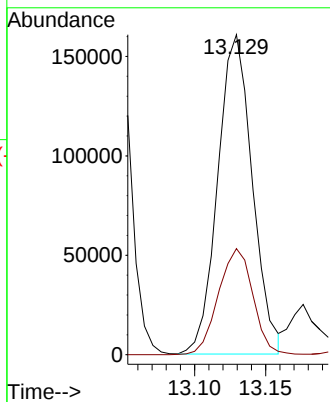
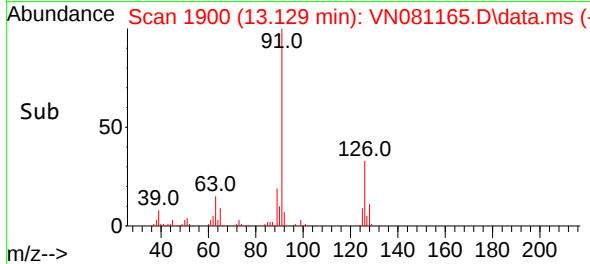
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



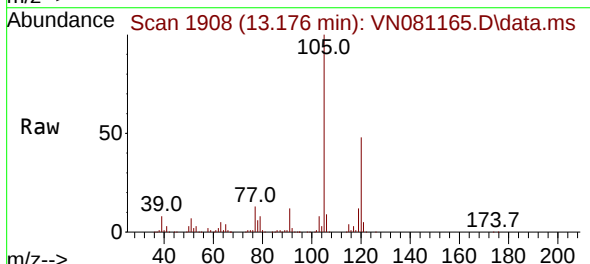
Tgt Ion: 91 Resp: 272197
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4

Manual Integrations
APPROVED

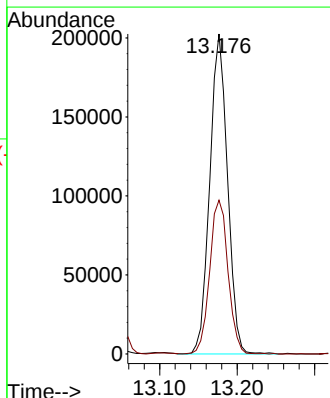
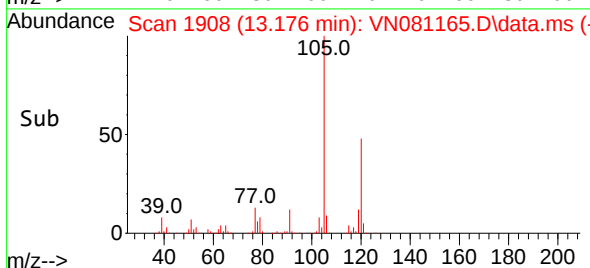
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

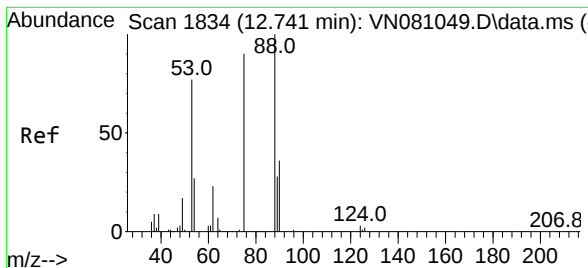


#80
1,3,5-Trimethylbenzene
Concen: 20.758 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



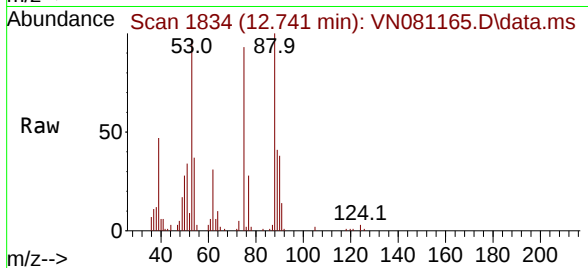
Tgt Ion:105 Resp: 323099
Ion Ratio Lower Upper
105 100
120 49.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.145 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

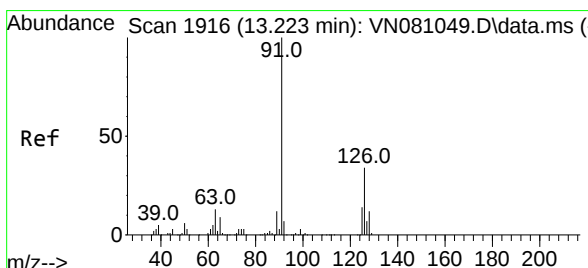
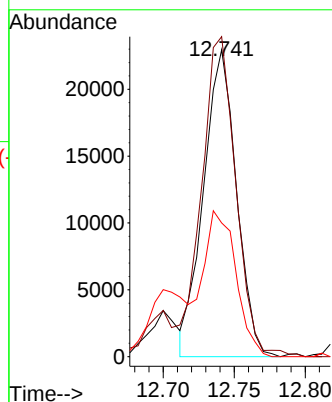
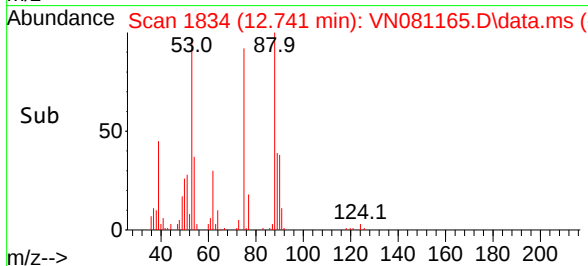
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



Tgt Ion: 75 Resp: 37080
Ion Ratio Lower Upper
75 100
53 109.5 71.4 107.2
89 47.7 33.4 50.0

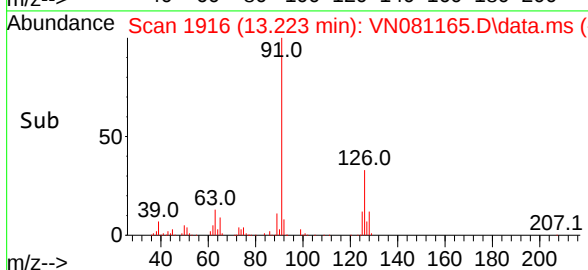
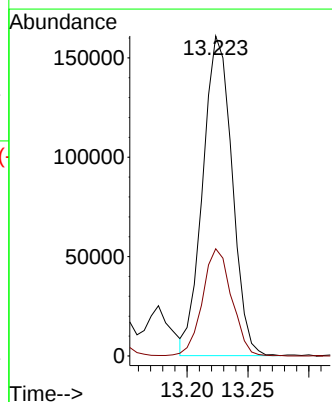
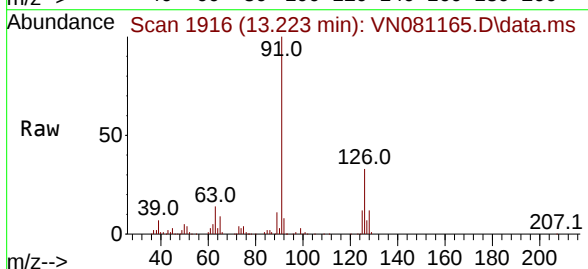
Manual Integrations
APPROVED

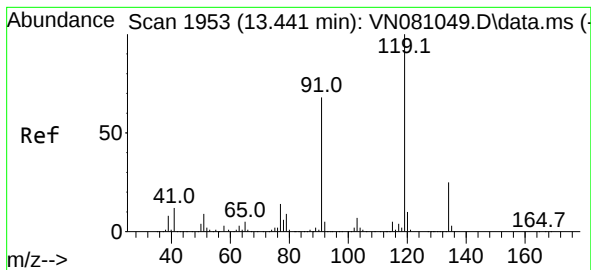
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 91 Resp: 269101
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





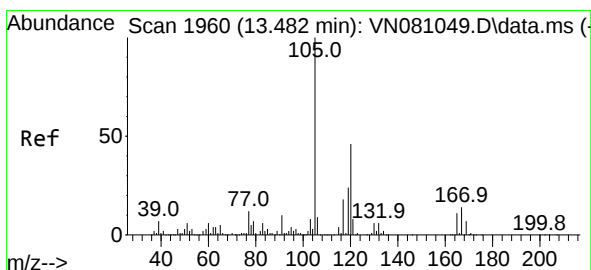
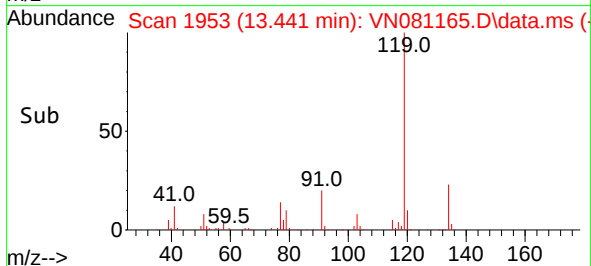
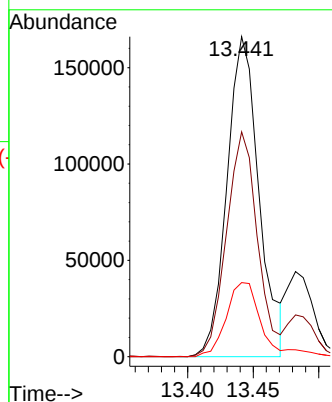
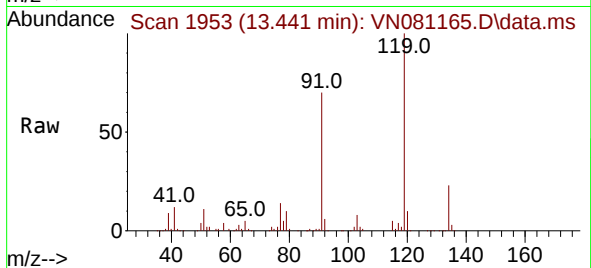
#83
tert-Butylbenzene
Concen: 20.973 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion:119 Resp: 282268
Ion Ratio Lower Upper
119 100
91 68.2 36.8 110.4
134 25.6 12.4 37.4

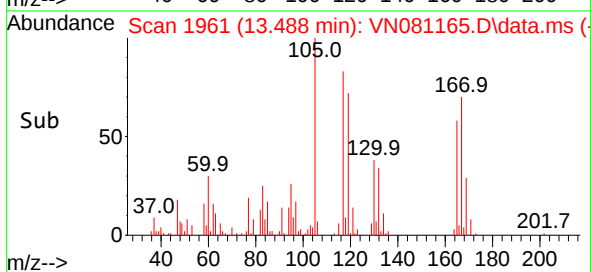
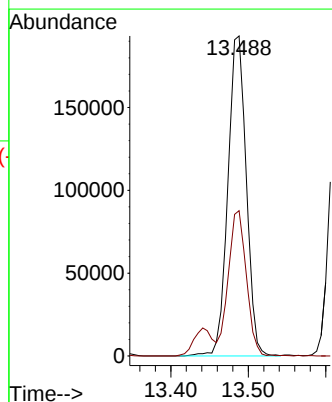
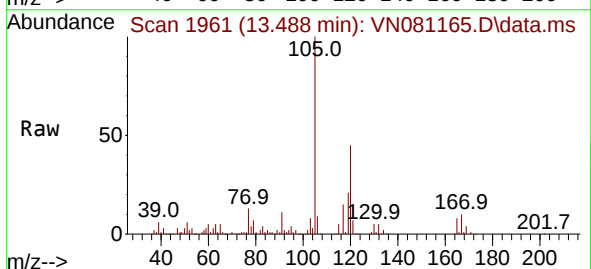
Manual Integrations
APPROVED

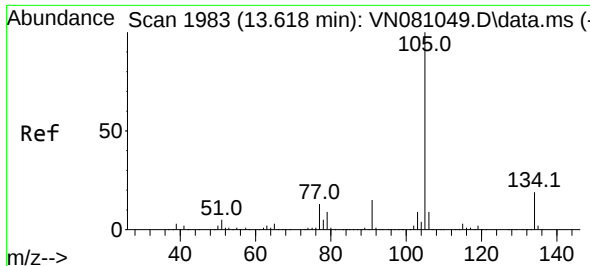
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.545 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

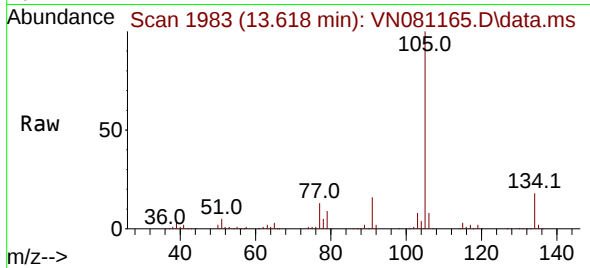
Tgt Ion:105 Resp: 318659
Ion Ratio Lower Upper
105 100
120 44.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 21.638 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

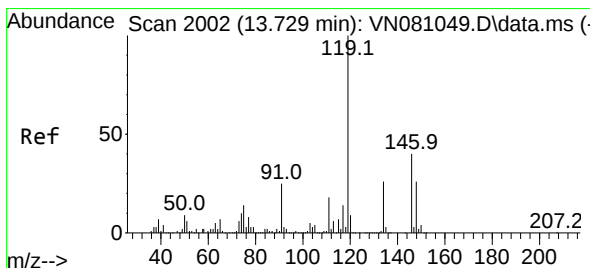
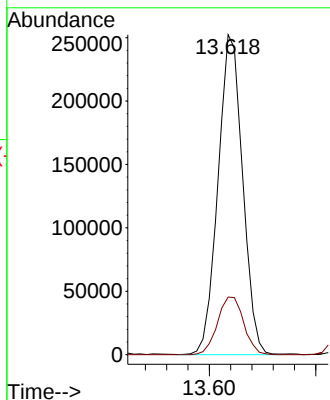
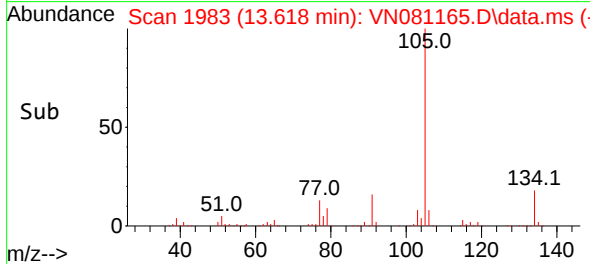
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02



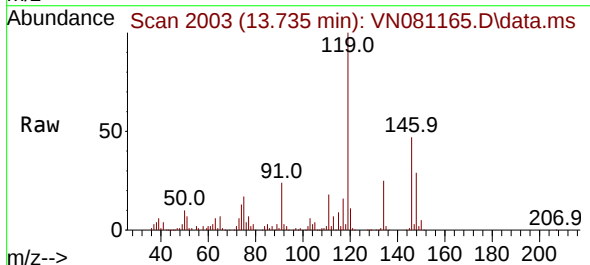
Tgt Ion:105 Resp: 40486
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8

Manual Integrations
 APPROVED

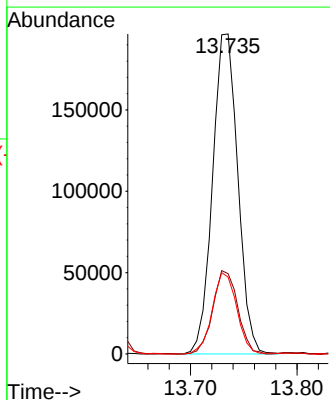
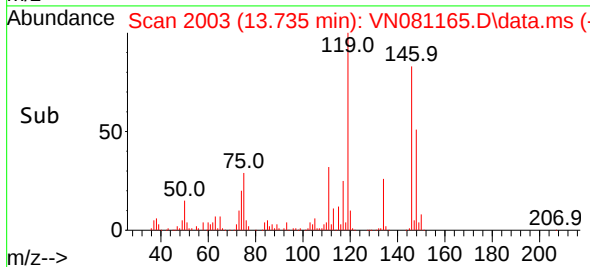
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

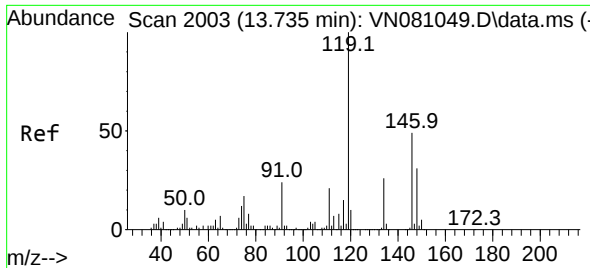


#86
 p-Isopropyltoluene
 Concen: 20.848 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44



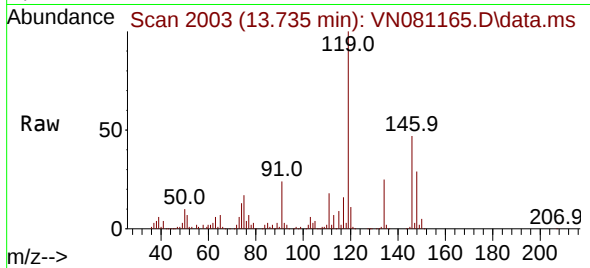
Tgt Ion:119 Resp: 323999
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.612 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

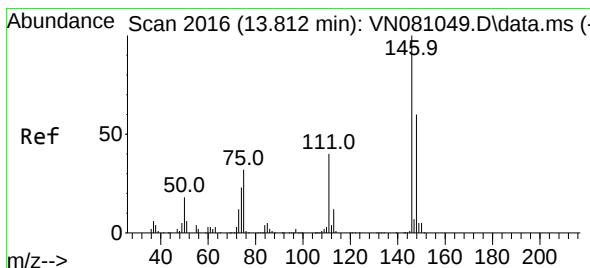
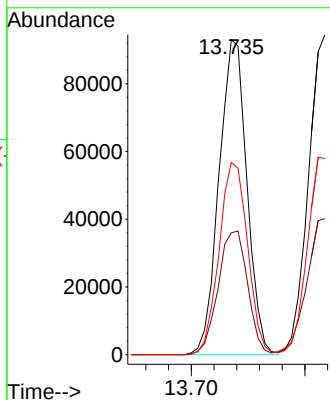
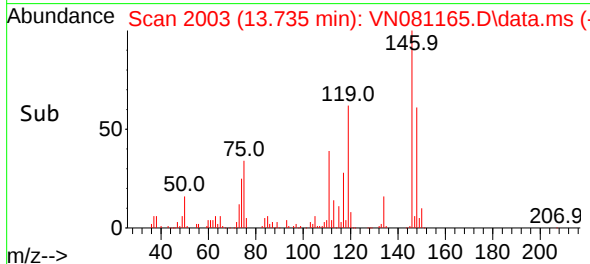
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



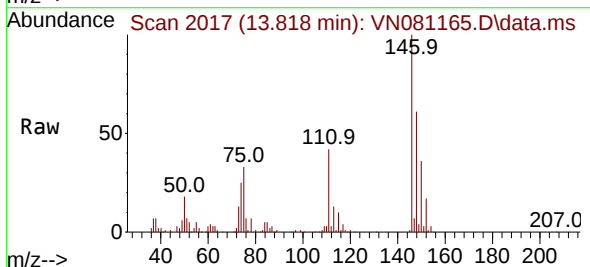
Tgt Ion:146 Resp: 158614
Ion Ratio Lower Upper
146 100
111 41.5 23.9 71.7
148 62.5 32.6 97.7

Manual Integrations
APPROVED

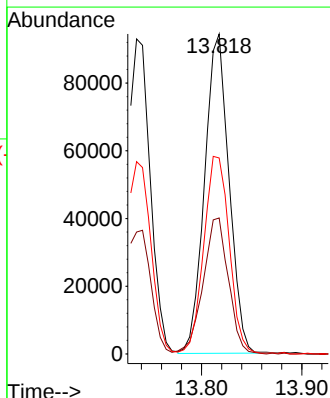
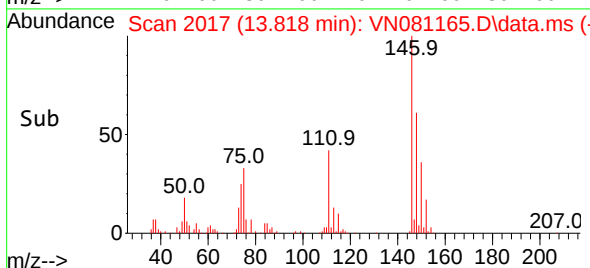
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

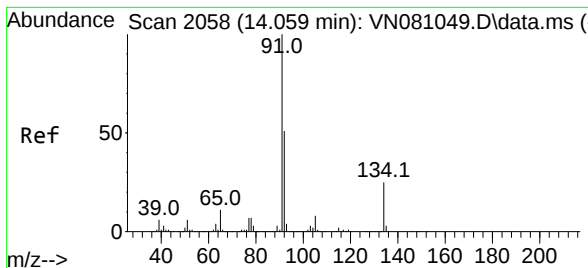


#88
1,4-Dichlorobenzene
Concen: 20.113 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion:146 Resp: 159836
Ion Ratio Lower Upper
146 100
111 44.2 22.6 67.7
148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 20.544 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

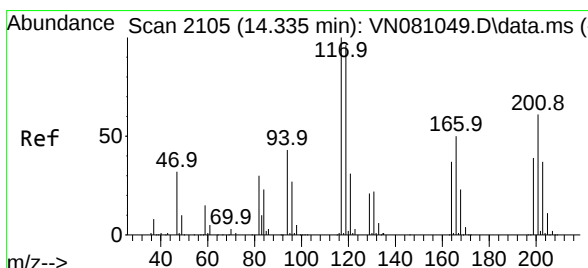
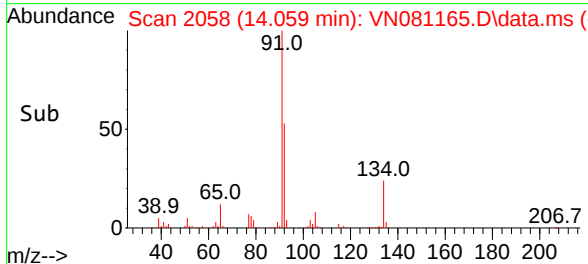
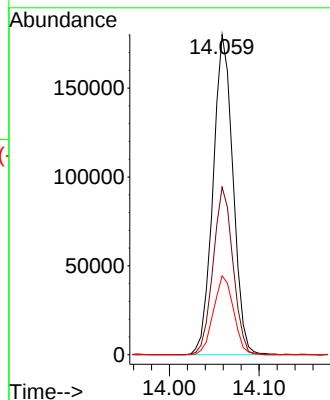
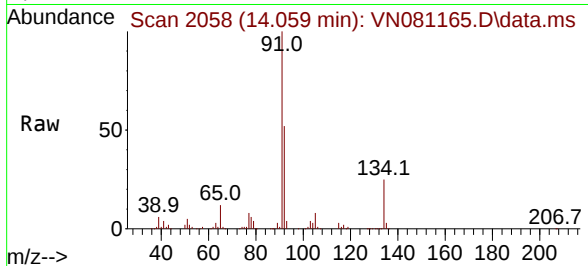
Tgt Ion:	91	Resp:	27815
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.7	80.1
134	24.7	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachloroethane

Concen: 21.796 ug/l

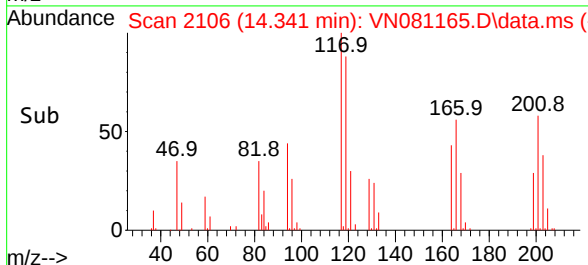
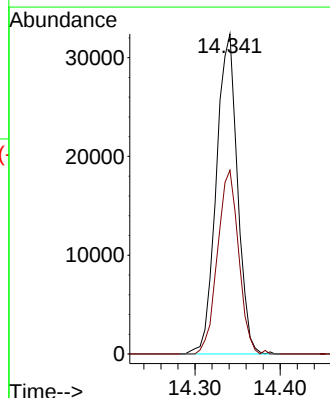
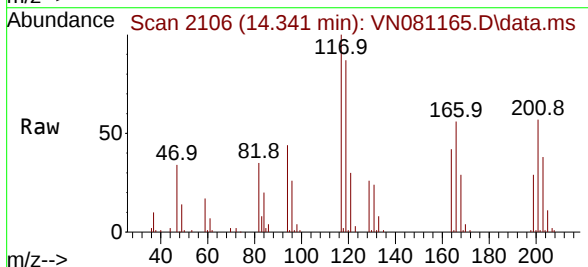
RT: 14.341 min Scan# 2106

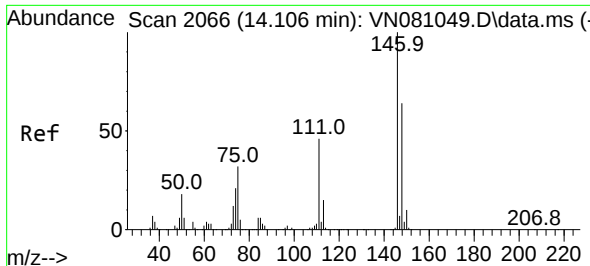
Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Tgt Ion:	117	Resp:	55990
Ion Ratio	Lower	Upper	
117	100		
201	57.4	30.0	90.0





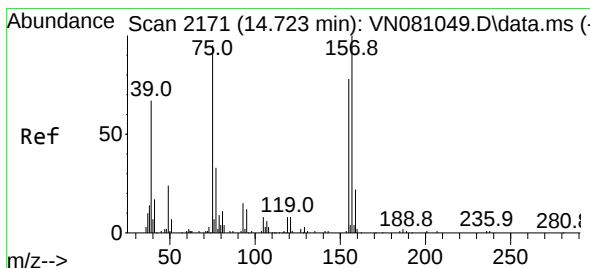
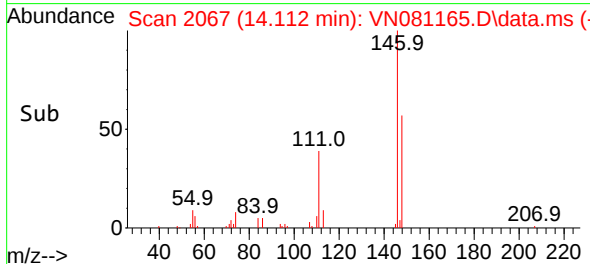
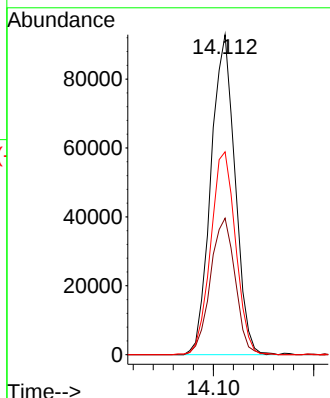
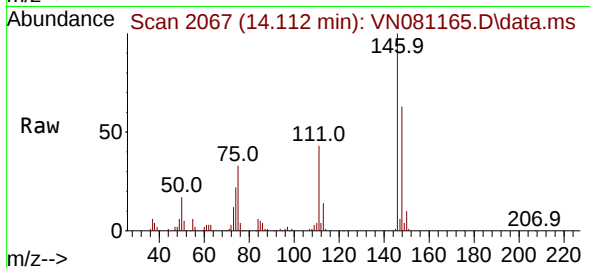
#91
1,2-Dichlorobenzene
Concen: 19.887 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion:146 Resp: 15512
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 65.6 31.4 94.0

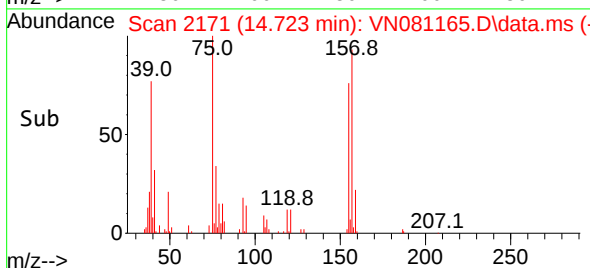
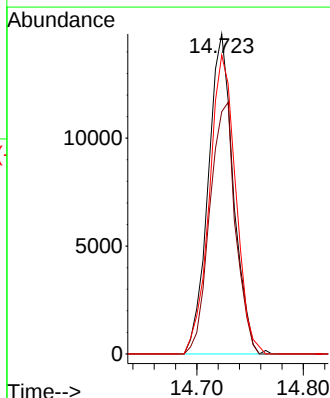
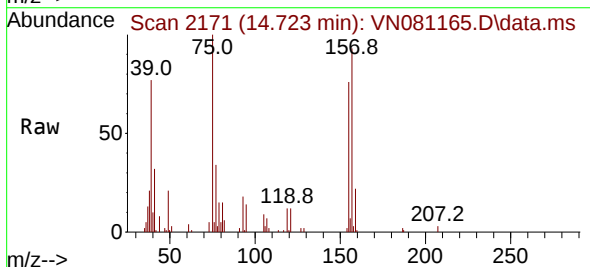
Manual Integrations
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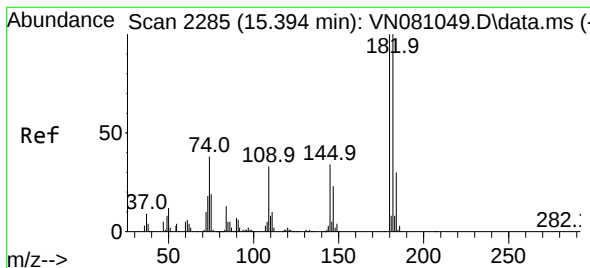
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.695 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 24348
Ion Ratio Lower Upper
75 100
155 80.2 31.8 95.4
157 97.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.303 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

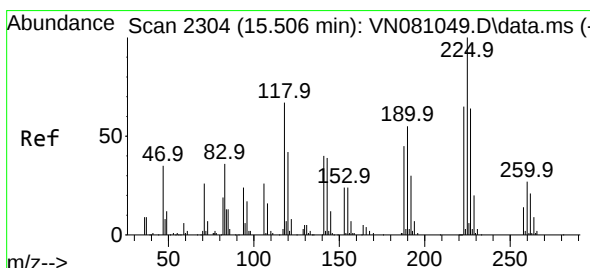
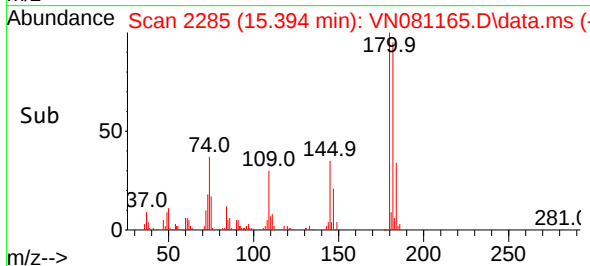
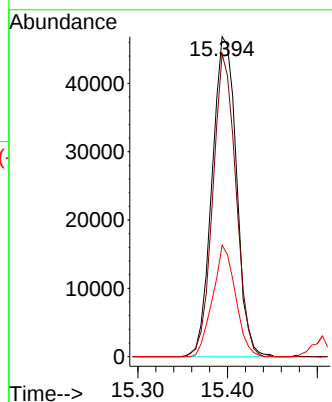
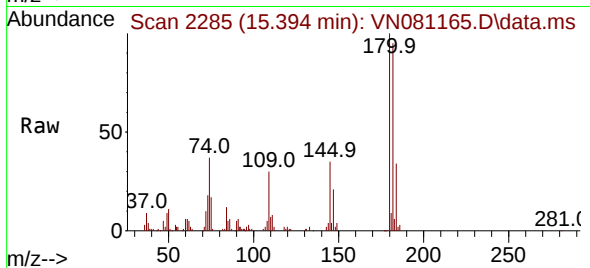
Tgt Ion:	180	Resp:	8835
Ion Ratio	Lower	Upper	
180	100		
182	89.2	46.6	139.7
145	32.6	16.8	50.3

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 19.661 ug/l

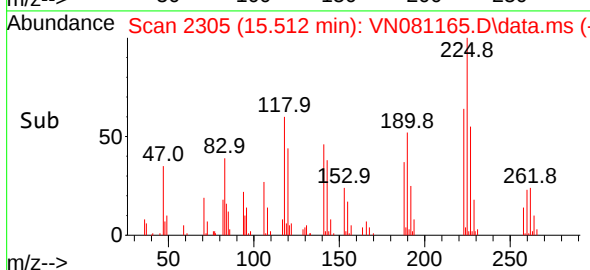
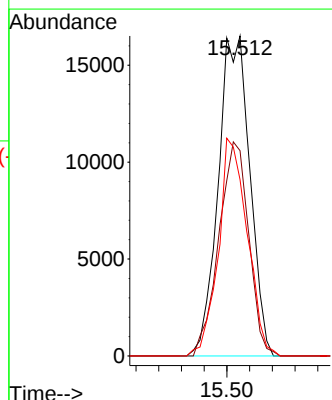
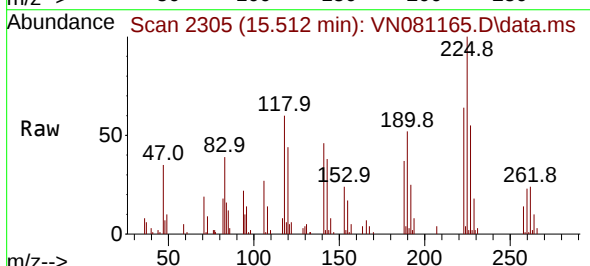
RT: 15.512 min Scan# 2305

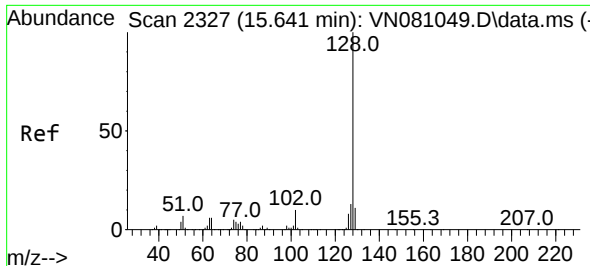
Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

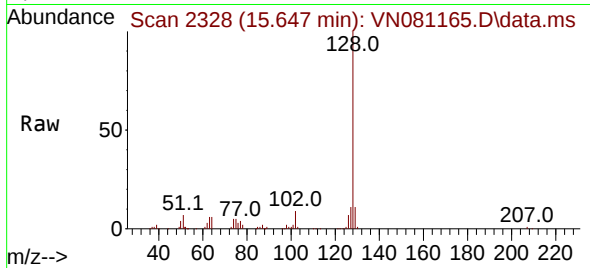
Tgt Ion:	225	Resp:	31910
Ion Ratio	Lower	Upper	
225	100		
223	63.3	33.3	99.8
227	62.2	33.1	99.2





#95
Naphthalene
Concen: 19.936 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

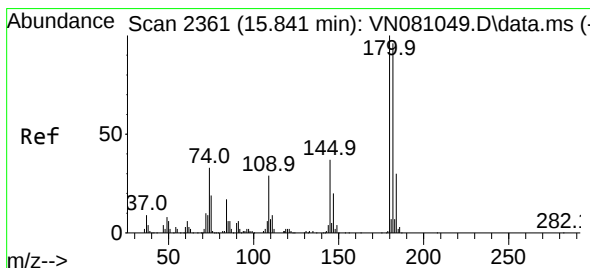
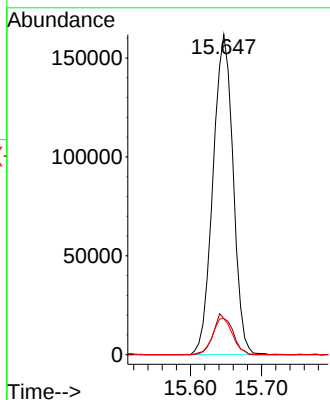
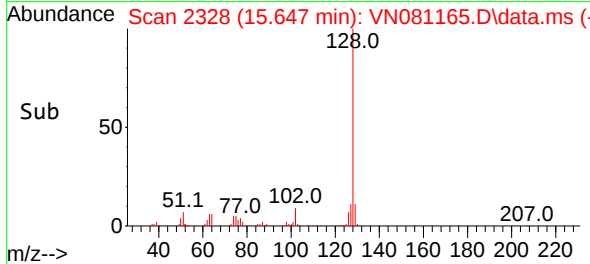
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02



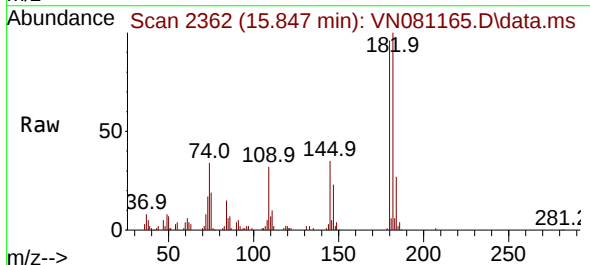
Tgt Ion:128 Resp: 31792
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.800 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44



Tgt Ion:180 Resp: 85477
Ion Ratio Lower Upper
180 100
182 98.2 46.5 139.3
145 34.8 17.8 53.4

