

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081129.D
 Acq On : 22 Feb 2024 12:49
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Quant Time: Feb 23 04:21:55 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	565479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	511522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	208692	55.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.840%			
35) Dibromofluoromethane	8.165	113	174187	54.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.940%			
50) Toluene-d8	10.571	98	584950	51.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.847	95	225181	52.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	87400	21.996	ug/l	95
3) Chloromethane	2.359	50	83298	18.470	ug/l	98
4) Vinyl Chloride	2.512	62	85662	19.409	ug/l	97
5) Bromomethane	2.965	94	60478	19.293	ug/l #	77
6) Chloroethane	3.124	64	62142	21.270	ug/l	97
7) Trichlorofluoromethane	3.500	101	136080	21.105	ug/l	94
8) Diethyl Ether	3.959	74	52544	22.290	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	77318	21.511	ug/l	94
10) Methyl Iodide	4.583	142	82944	20.673	ug/l	96
11) Tert butyl alcohol	5.512	59	83058	119.926	ug/l	98
12) 1,1-Dichloroethene	4.342	96	70014	20.151	ug/l	89
13) Acrolein	4.177	56	37969	102.286	ug/l	92
14) Allyl chloride	5.030	41	103808	20.136	ug/l #	91
15) Acrylonitrile	5.718	53	212749	117.620	ug/l	98
16) Acetone	4.430	43	142631	96.254	ug/l	97
17) Carbon Disulfide	4.718	76	172004	17.748	ug/l	98
18) Methyl Acetate	5.024	43	96463	26.685	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	266145	22.365	ug/l	100
20) Methylene Chloride	5.277	84	88043	22.455	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	79209	20.433	ug/l	87
22) Diisopropyl ether	6.665	45	265793	22.728	ug/l #	95
23) Vinyl Acetate	6.600	43	1064396	112.179	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	151084	22.343	ug/l	95
25) 2-Butanone	7.483	43	265978	111.106	ug/l	95
26) 2,2-Dichloropropane	7.494	77	130368	20.576	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93019	20.653	ug/l	88
28) Bromochloromethane	7.818	49	64285	22.932	ug/l #	69
29) Tetrahydrofuran	7.841	42	183506	114.831	ug/l #	87
30) Chloroform	7.965	83	161895	22.521	ug/l	99
31) Cyclohexane	8.259	56	133657	20.554	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	140841	21.513	ug/l	92
36) 1,1-Dichloropropene	8.371	75	115693	21.119	ug/l	96
37) Ethyl Acetate	7.559	43	116302	23.523	ug/l	95
38) Carbon Tetrachloride	8.359	117	118044	21.298	ug/l	96
39) Methylcyclohexane	9.600	83	132618	20.767	ug/l	89
40) Benzene	8.606	78	341380	21.529	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	61921	22.006	ug/l	93
42) 1,2-Dichloroethane	8.671	62	124075	22.428	ug/l	96
43) Isopropyl Acetate	8.688	43	207311	23.975	ug/l	97
44) Trichloroethene	9.353	130	87229	20.654	ug/l	96
45) 1,2-Dichloropropane	9.624	63	87386	22.031	ug/l	100
46) Dibromomethane	9.712	93	63795	22.074	ug/l	92
47) Bromodichloromethane	9.888	83	122480	22.377	ug/l #	98
48) Methyl methacrylate	9.682	41	89463	22.235	ug/l	89
49) 1,4-Dioxane	9.694	88	37631	487.799	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	593452	119.307	ug/l	95
52) Toluene	10.635	92	216703	21.587	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	133047	21.874	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	143488	21.834	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	90302	23.389	ug/l	92
56) Ethyl methacrylate	10.876	69	131572	22.297	ug/l	89
57) 1,3-Dichloropropane	11.165	76	154300	23.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	277940	93.877	ug/l #	87
59) 2-Hexanone	11.194	43	430294	109.114	ug/l	93
60) Dibromochloromethane	11.359	129	87281	21.280	ug/l	98
61) 1,2-Dibromoethane	11.471	107	91109	22.440	ug/l	94
64) Tetrachloroethene	11.106	164	75535	21.636	ug/l	89
65) Chlorobenzene	11.894	112	232311	20.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	86644	21.790	ug/l	97
67) Ethyl Benzene	11.965	91	417406	21.070	ug/l	99
68) m/p-Xylenes	12.076	106	311694	41.048	ug/l	96
69) o-Xylene	12.400	106	155671	20.682	ug/l	95
70) Styrene	12.412	104	247457	20.747	ug/l	97
71) Bromoform	12.576	173	56275	22.307	ug/l #	100
73) Isopropylbenzene	12.700	105	404113	20.623	ug/l	97
74) N-amyl acetate	12.494	43	171435	20.701	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	123035	22.330	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108602m	21.343	ug/l	
77) Bromobenzene	12.982	156	89099	20.393	ug/l	79
78) n-propylbenzene	13.035	91	463330	20.540	ug/l	95
79) 2-Chlorotoluene	13.129	91	282965	20.451	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	333786	21.009	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	37975m	19.209	ug/l	
82) 4-Chlorotoluene	13.223	91	272830	20.167	ug/l	93
83) tert-Butylbenzene	13.441	119	299123	21.774	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	332272	20.988	ug/l	96
85) sec-Butylbenzene	13.617	105	407906	21.359	ug/l	94
86) p-Isopropyltoluene	13.729	119	324727	20.471	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	163084	19.755	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	165562	20.410	ug/l	98
89) n-Butylbenzene	14.059	91	284389	20.578	ug/l	96
90) Hexachloroethane	14.335	117	53703	20.481	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	163130	20.489	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25019	21.840	ug/l	82
93) 1,2,4-Trichlorobenzene	15.400	180	89265	20.096	ug/l	99
94) Hexachlorobutadiene	15.506	225	31659	19.111	ug/l	97
95) Naphthalene	15.641	128	339487	20.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92338	20.955	ug/l	98

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

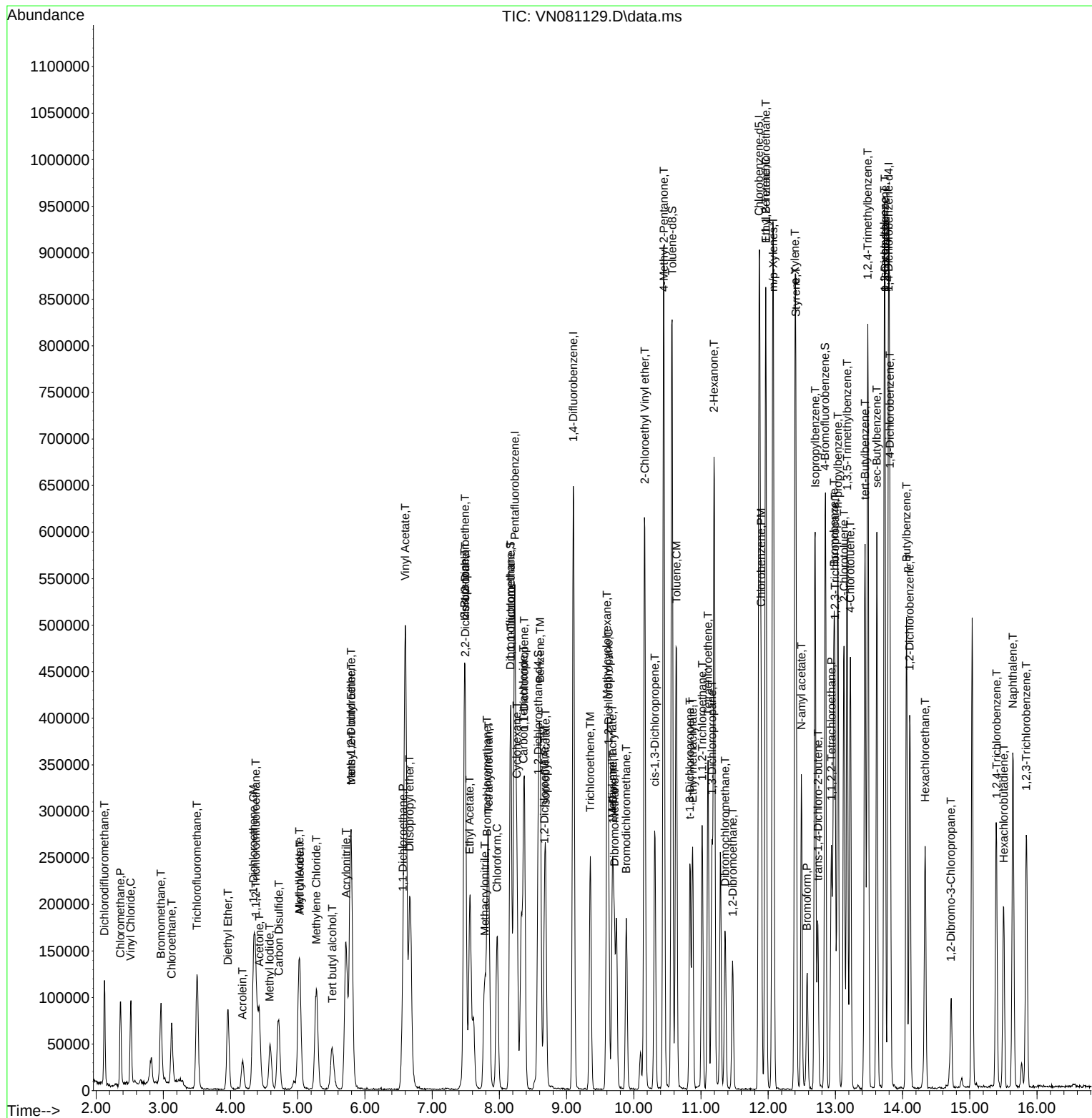
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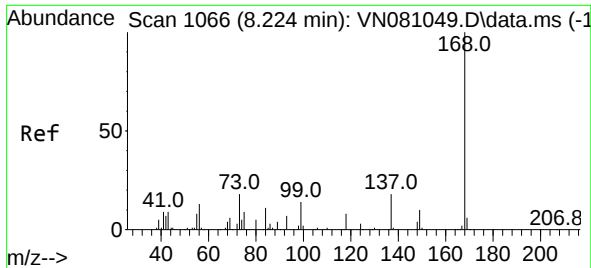
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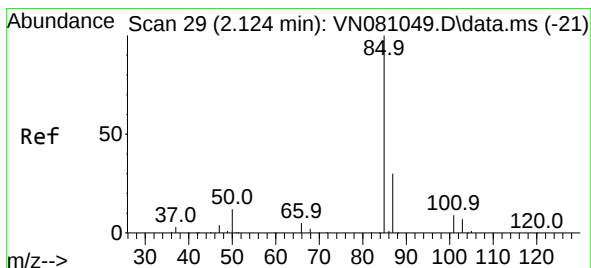
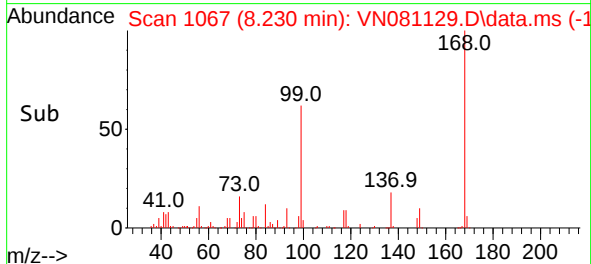
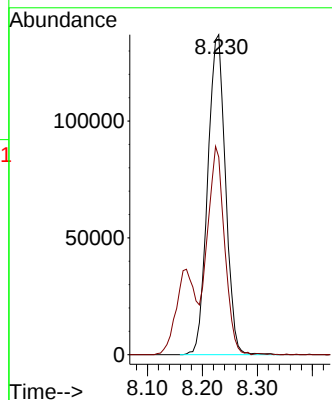
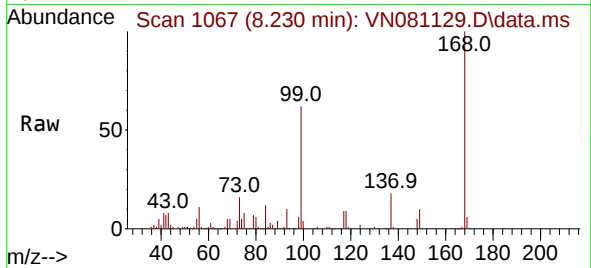
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 30724
Ion Ratio Lower Upper
168 100
99 61.8 59.9 89.9

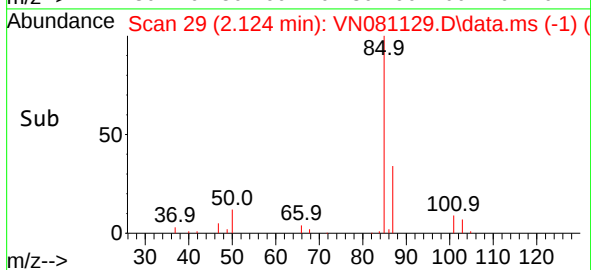
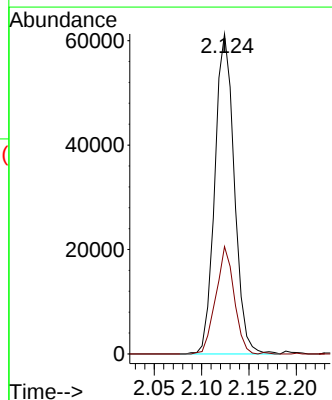
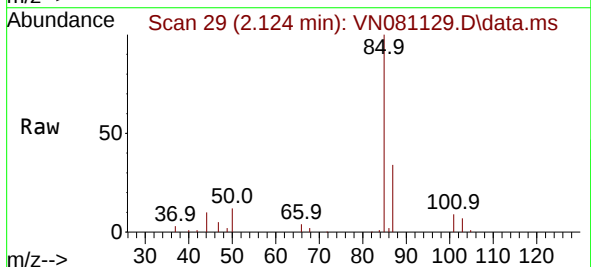
Manual Integrations
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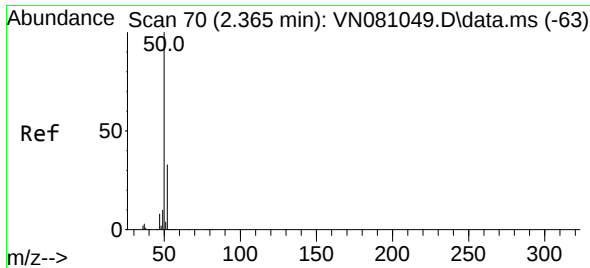
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#2
Dichlorodifluoromethane
Concen: 21.996 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

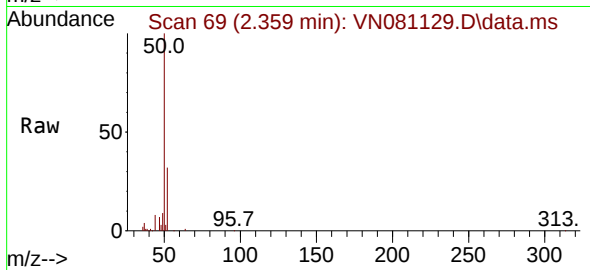
Tgt Ion: 85 Resp: 87400
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





#3
Chloromethane
Concen: 18.470 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

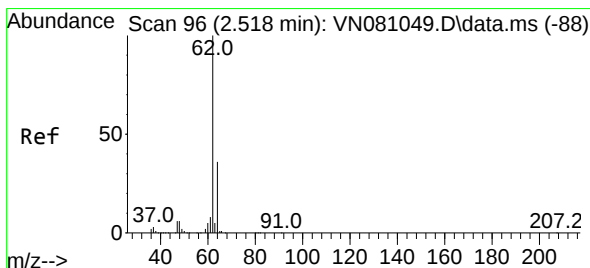
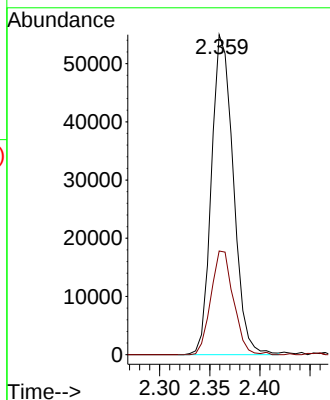
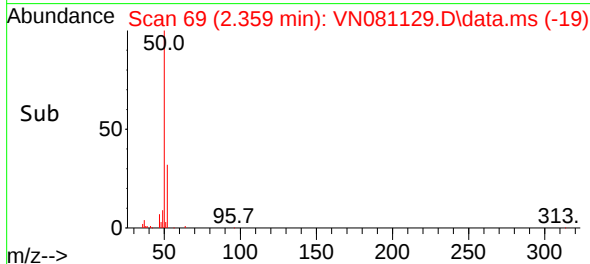
Instrument :
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Tgt Ion: 50 Resp: 83298
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4

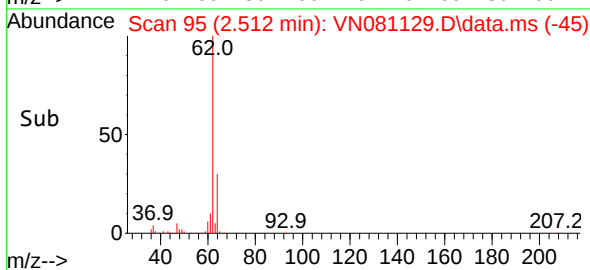
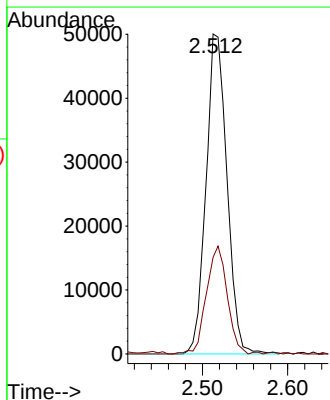
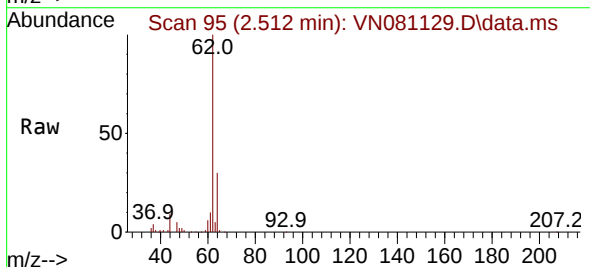
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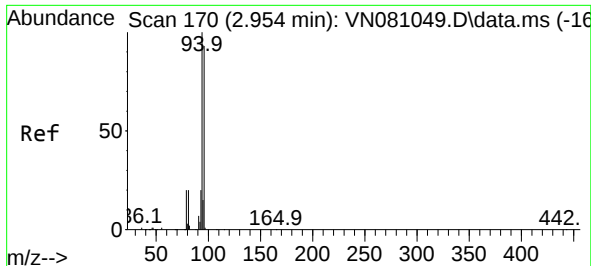
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 19.409 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

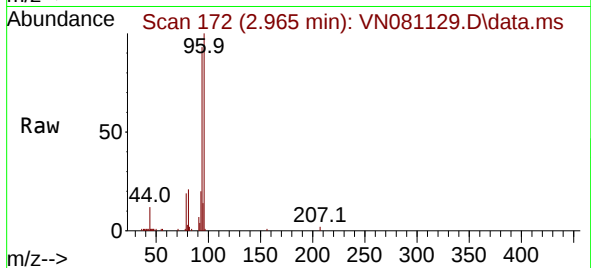
Tgt Ion: 62 Resp: 85662
Ion Ratio Lower Upper
62 100
64 29.8 22.7 34.1





#5
Bromomethane
Concen: 19.293 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

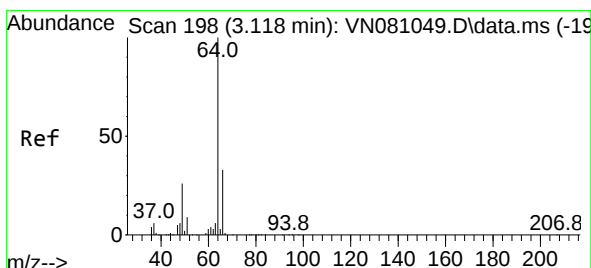
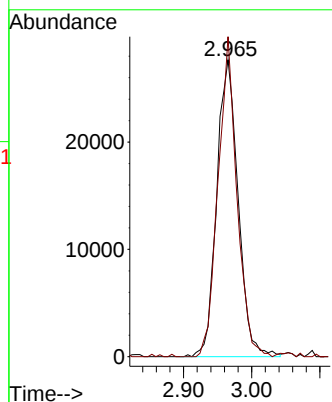
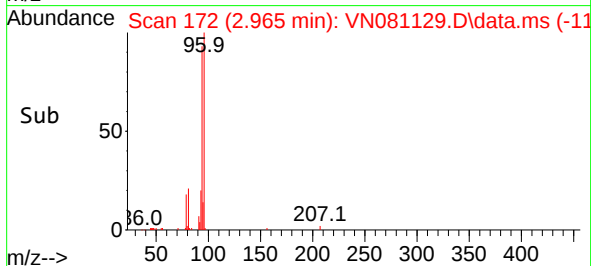
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Tgt Ion: 94 Resp: 60478
Ion Ratio Lower Upper
94 100
96 107.7 69.2 103.8

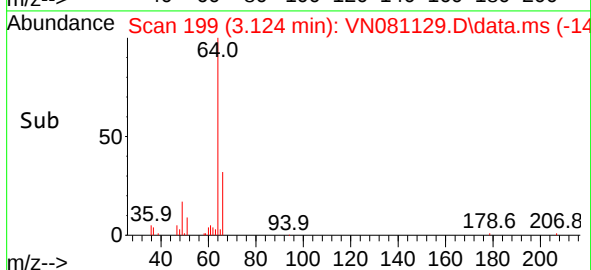
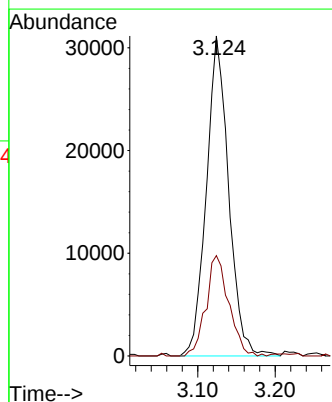
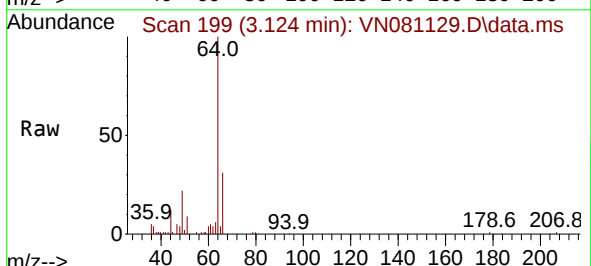
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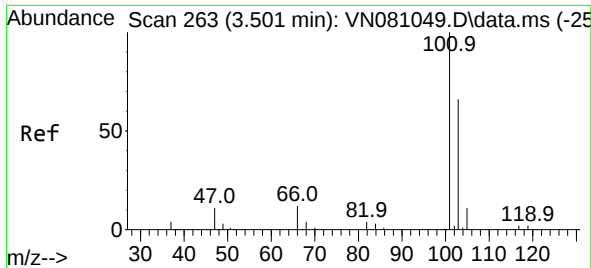
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 21.270 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081129.D
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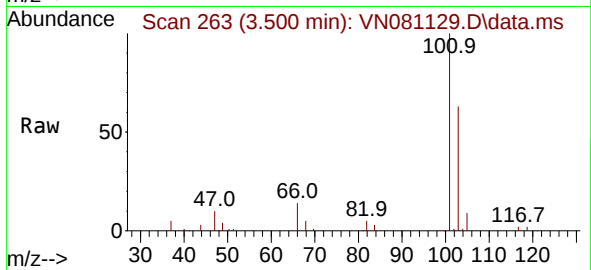
Tgt Ion: 64 Resp: 62142
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.105 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

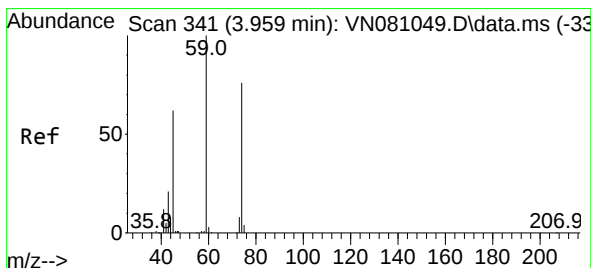
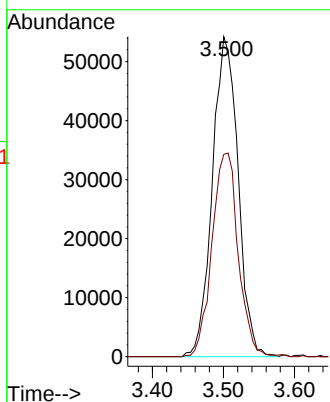
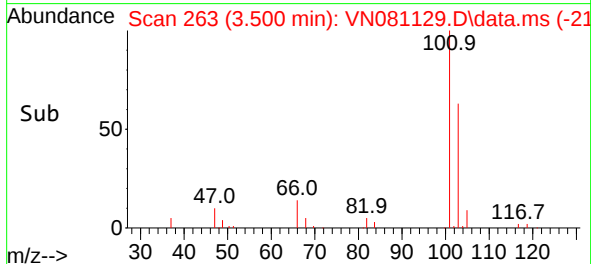
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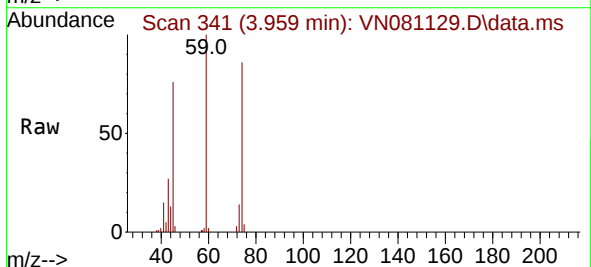
Tgt Ion:101 Resp: 136080
Ion Ratio Lower Upper
101 100
103 63.2 54.4 81.6

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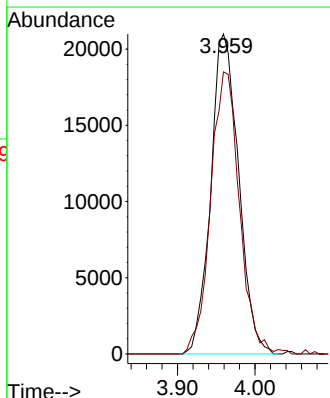
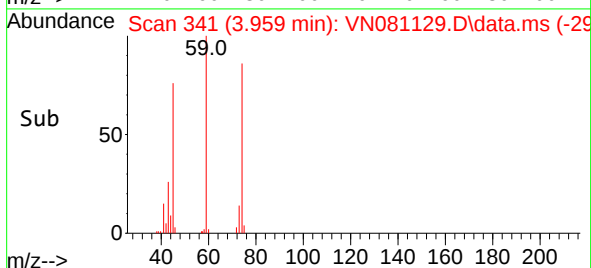
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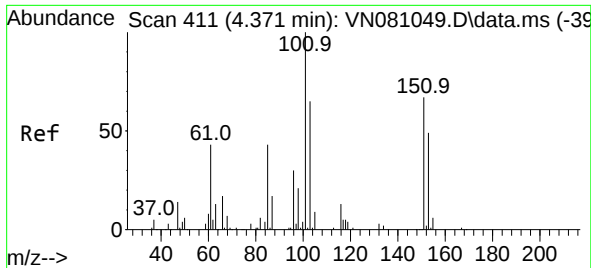


#8
Diethyl Ether
Concen: 22.290 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion: 74 Resp: 52544
Ion Ratio Lower Upper
74 100
45 90.6 53.3 159.9





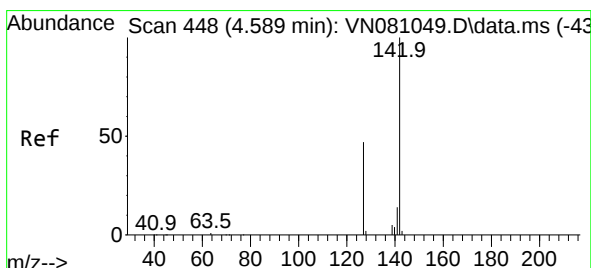
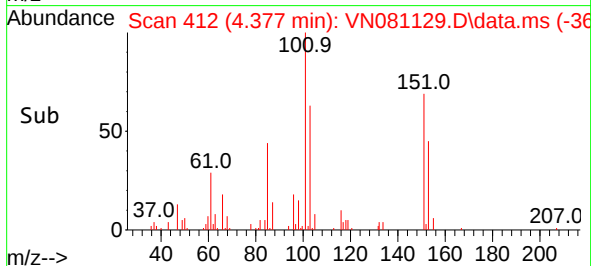
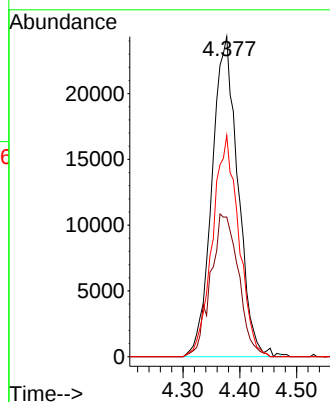
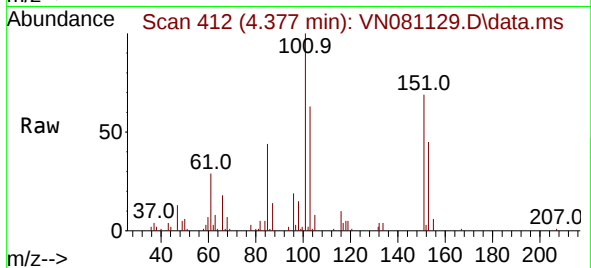
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.511 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:101 Resp: 77318
Ion Ratio Lower Upper
101 100
85 47.7 38.1 57.1
151 69.8 49.1 73.7

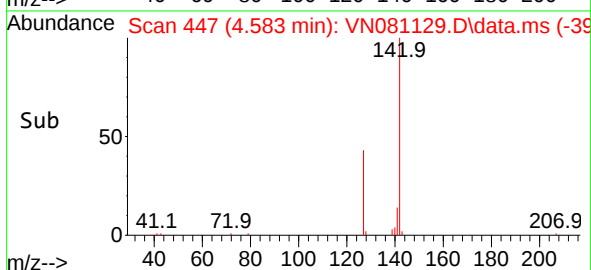
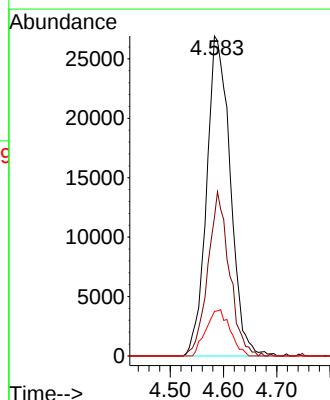
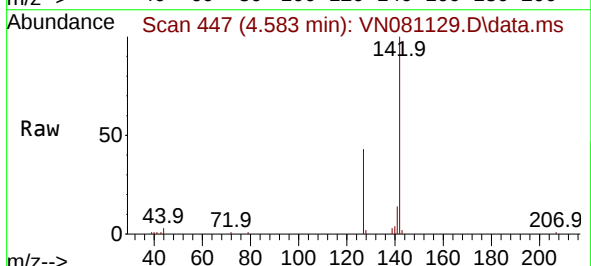
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 20.673 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

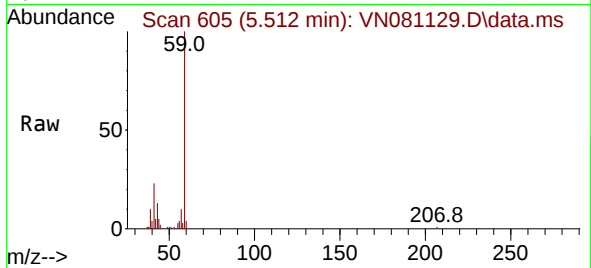
Tgt Ion:142 Resp: 82944
Ion Ratio Lower Upper
142 100
127 43.3 37.0 55.4
141 13.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 119.926 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

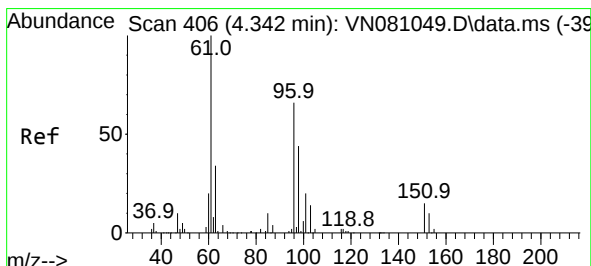
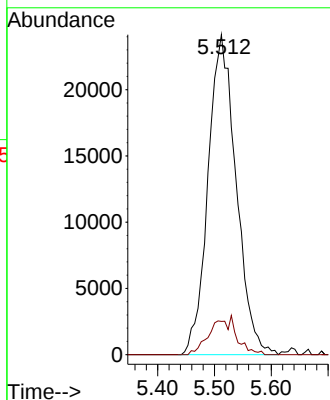
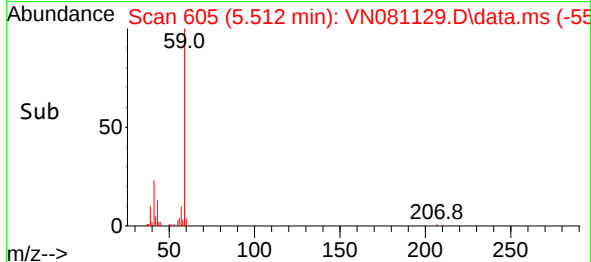
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



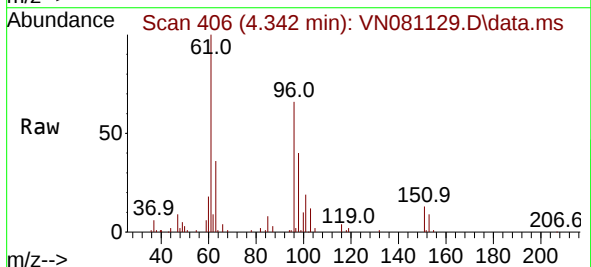
Tgt Ion: 59 Resp: 83058
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
APPROVED

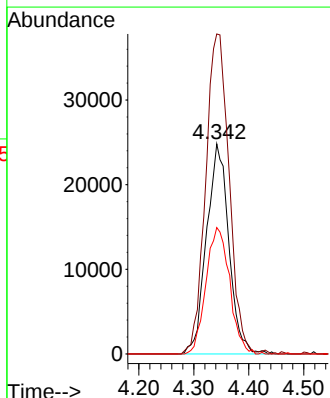
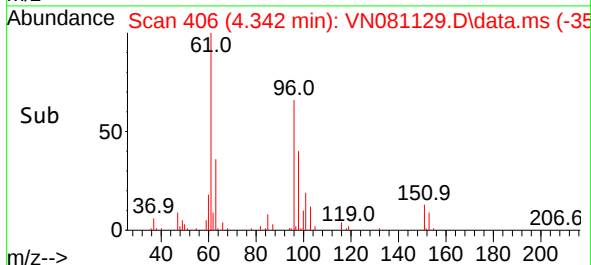
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

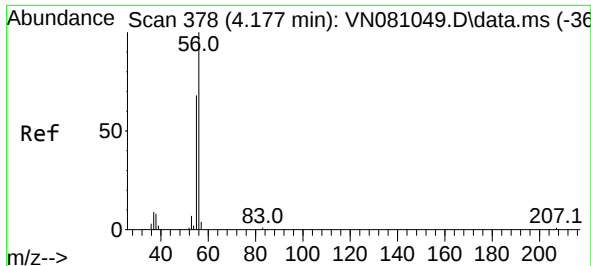


#12
1,1-Dichloroethene
Concen: 20.151 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion: 96 Resp: 70014
Ion Ratio Lower Upper
96 100
61 152.3 138.2 207.4
98 60.2 49.2 73.8





#13

Acrolein

Concen: 102.286 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 56 Resp: 37969

Ion Ratio Lower Upper

56 100

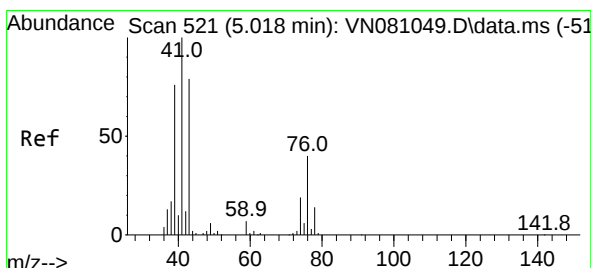
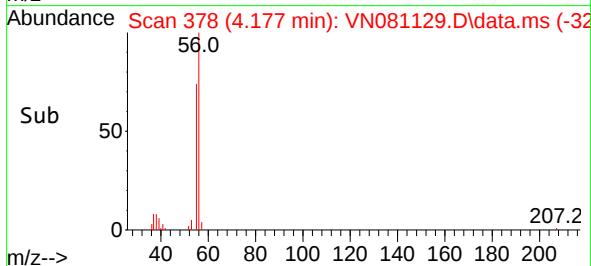
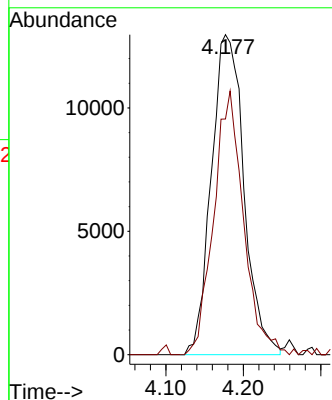
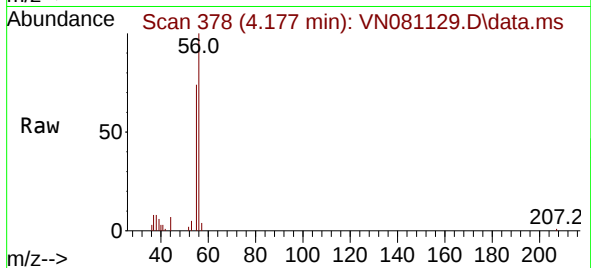
55 75.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#14

Allyl chloride

Concen: 20.136 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

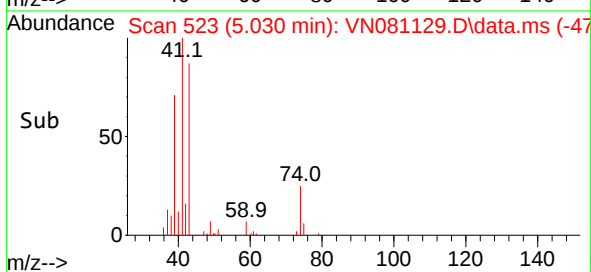
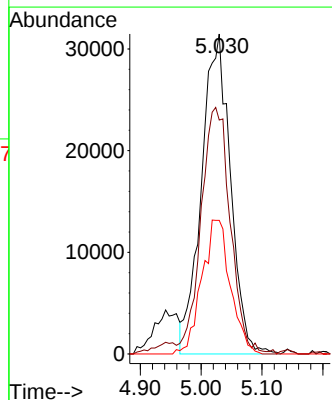
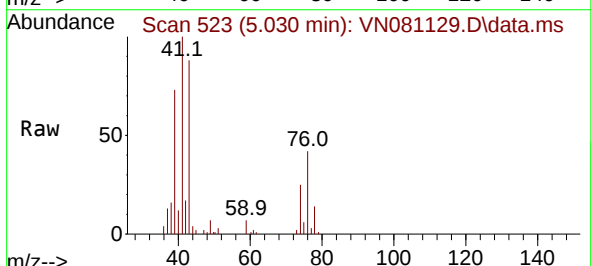
Tgt Ion: 41 Resp: 103808

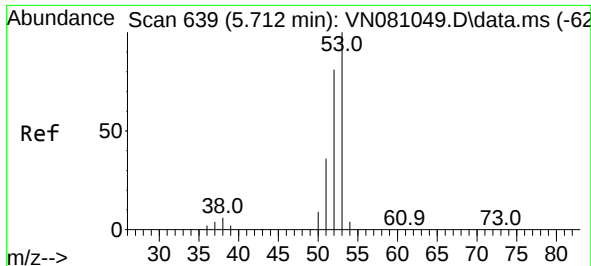
Ion Ratio Lower Upper

41 100

39 78.1 57.7 86.5

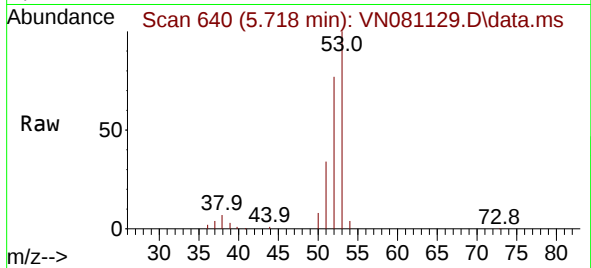
76 41.4 26.8 40.2#





#15
Acrylonitrile
Concen: 117.620 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

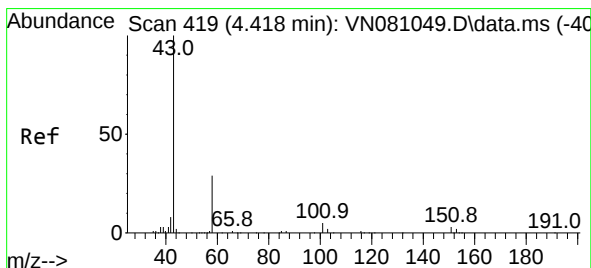
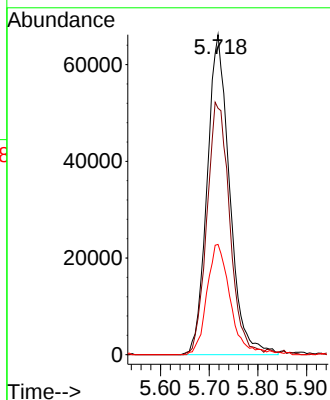
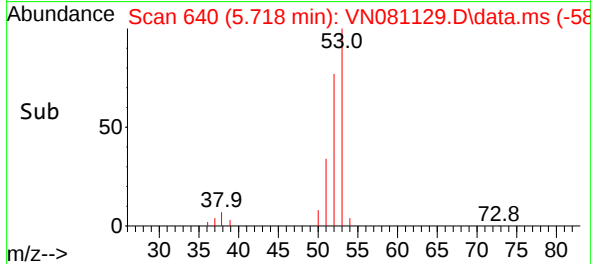
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 53 Resp: 212749
Ion Ratio Lower Upper
53 100
52 79.9 64.8 97.2
51 36.0 26.9 40.3

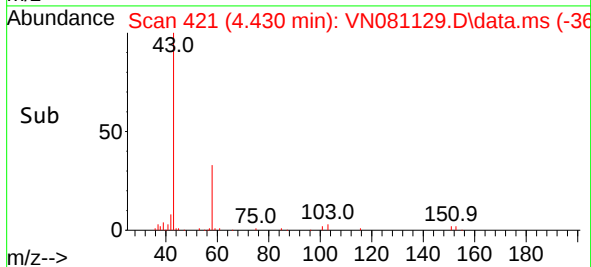
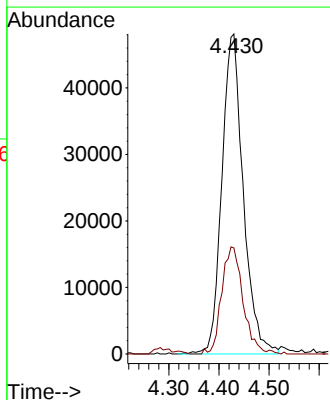
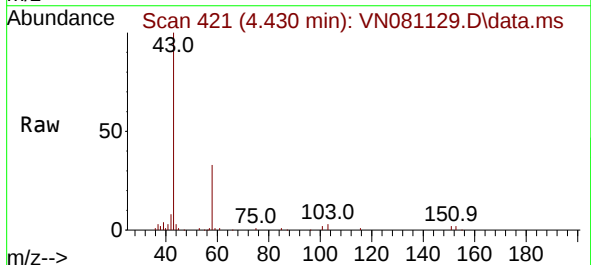
Manual Integrations
APPROVED

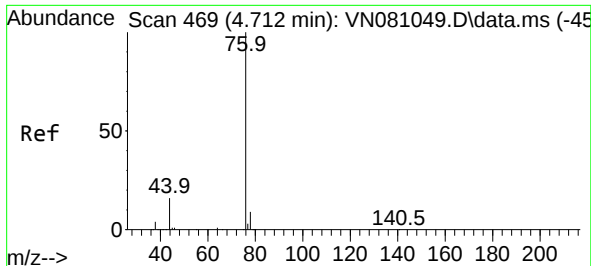
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 96.254 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 43 Resp: 142631
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2





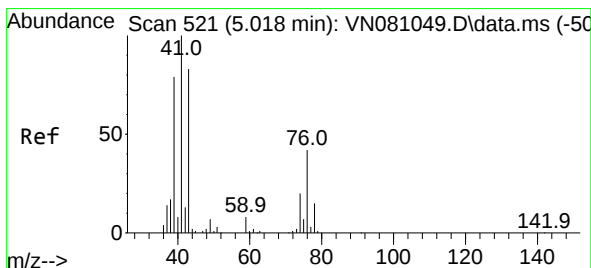
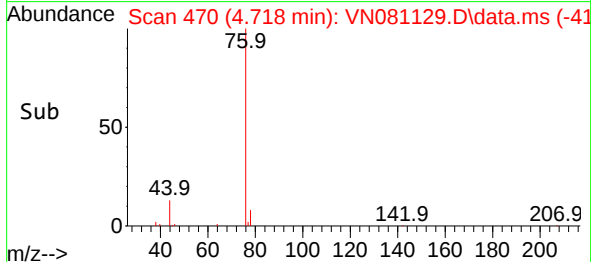
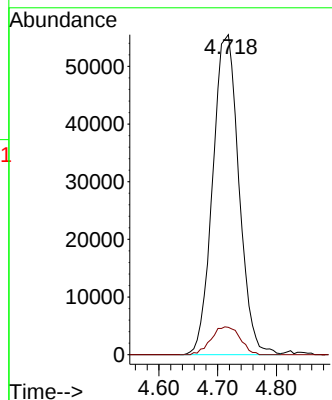
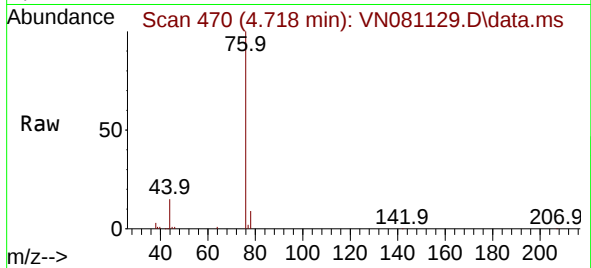
#17
Carbon Disulfide
Concen: 17.748 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 76 Resp: 172004
Ion Ratio Lower Upper
76 100
78 8.6 6.3 9.5

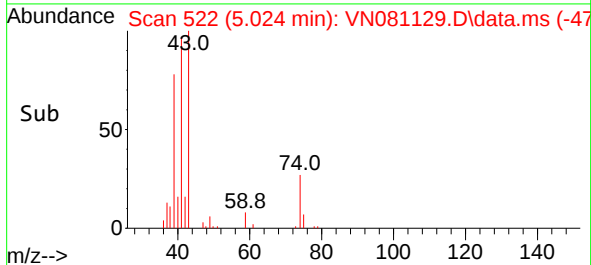
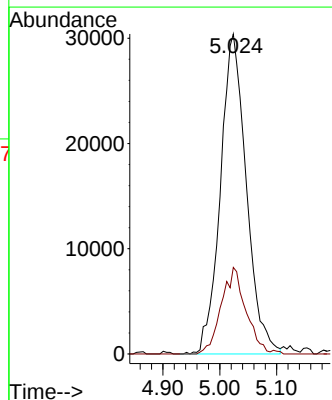
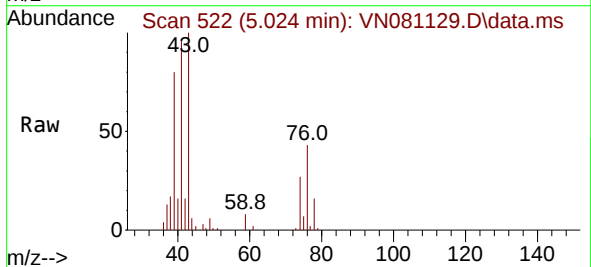
Manual Integrations
APPROVED

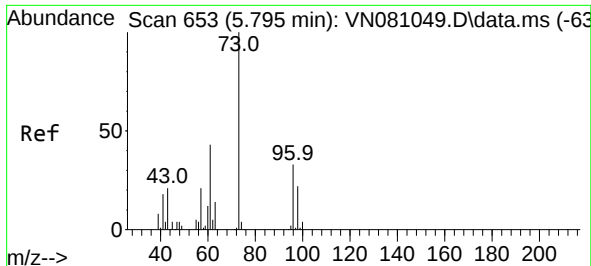
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 26.685 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

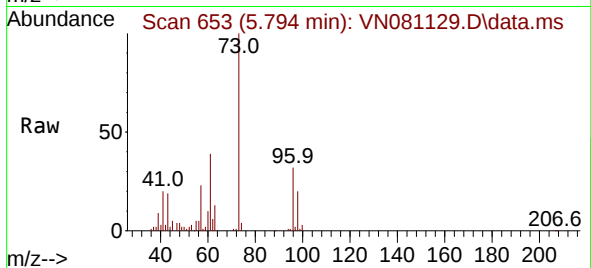
Tgt Ion: 43 Resp: 96463
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 22.365 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

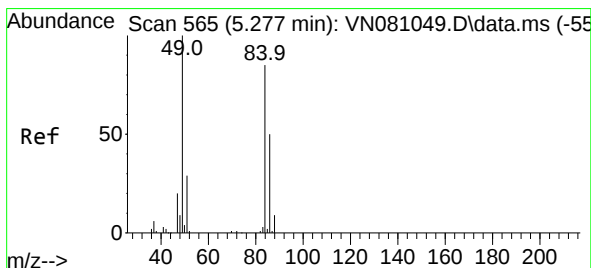
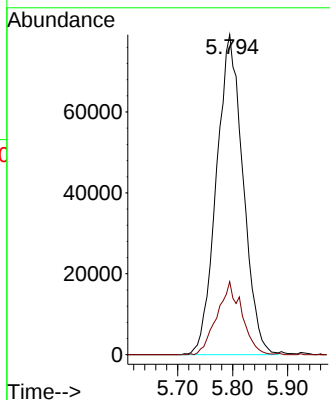
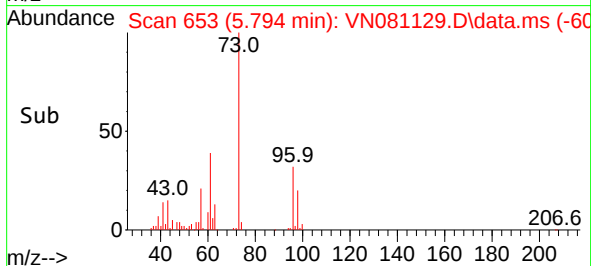
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 73 Resp: 26614
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

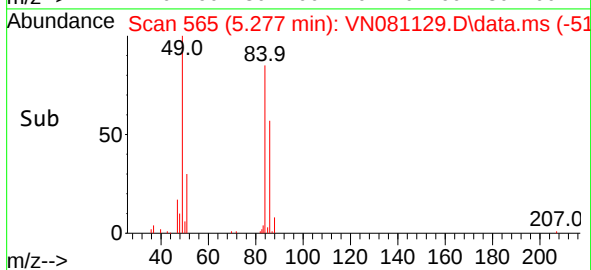
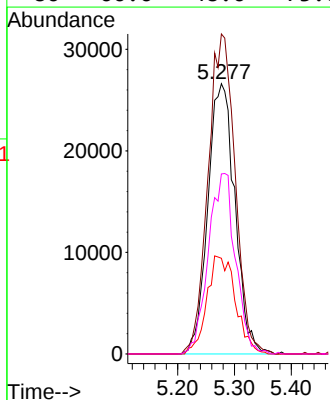
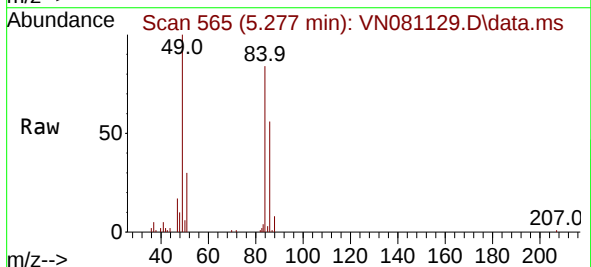
Manual Integrations
APPROVED

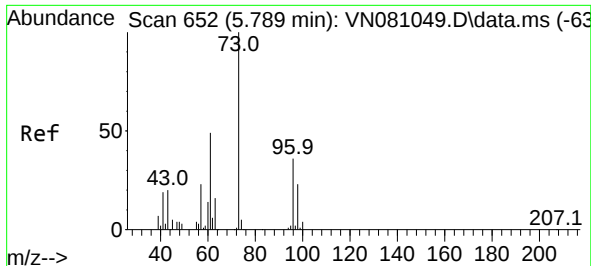
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 22.455 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

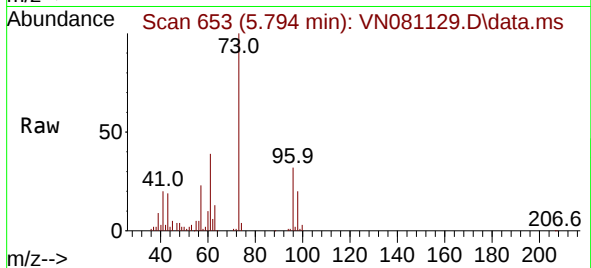
Tgt Ion: 84 Resp: 88043
Ion Ratio Lower Upper
84 100
49 118.4 108.1 162.1
51 35.4 32.9 49.3
86 66.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 20.433 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

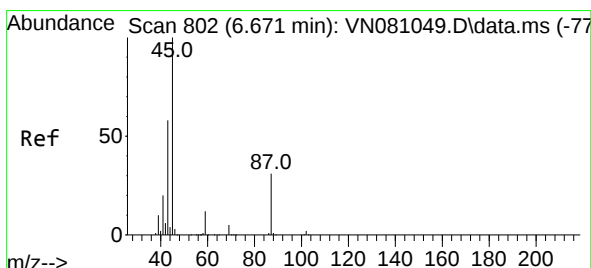
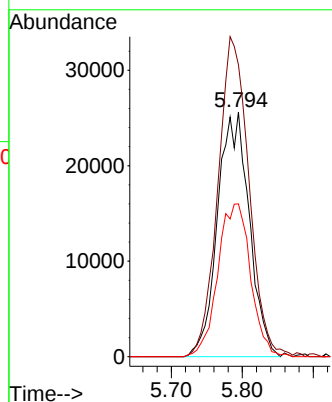
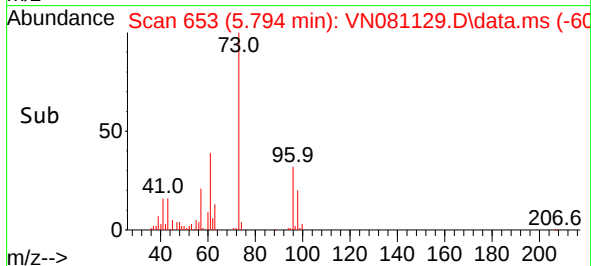
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 96 Resp: 79209
Ion Ratio Lower Upper
96 100
61 119.4 112.8 169.2
98 62.4 51.0 76.4

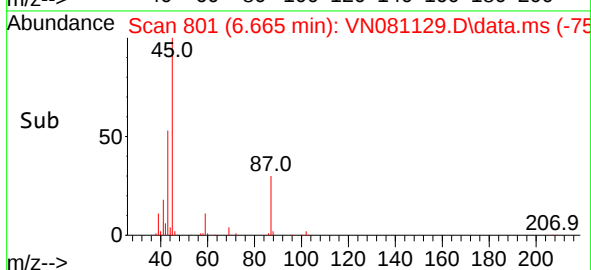
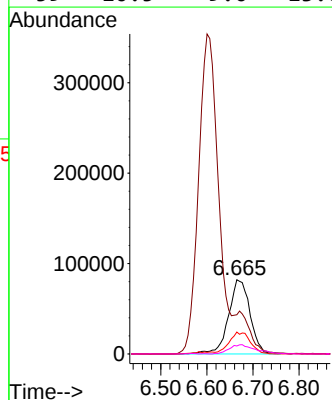
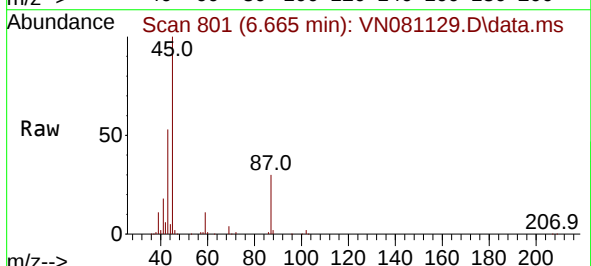
Manual Integrations
APPROVED

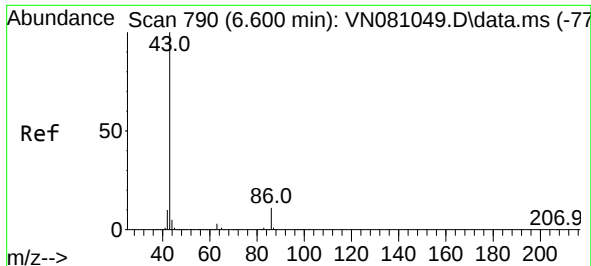
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 22.728 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

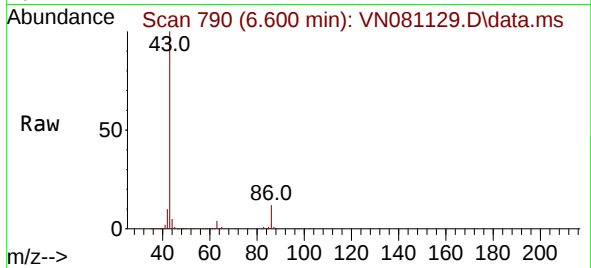
Tgt Ion: 45 Resp: 265793
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 29.3 18.1 27.1#
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 112.179 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

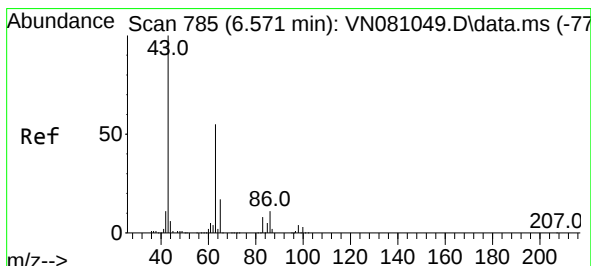
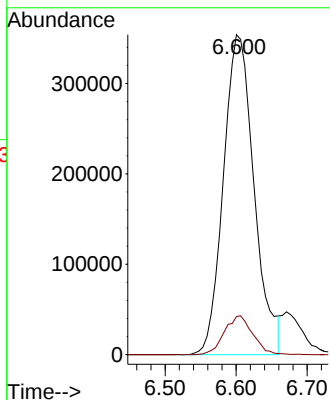
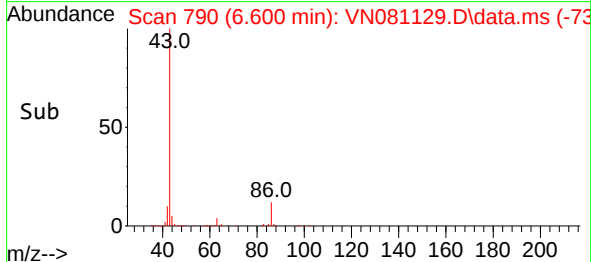
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



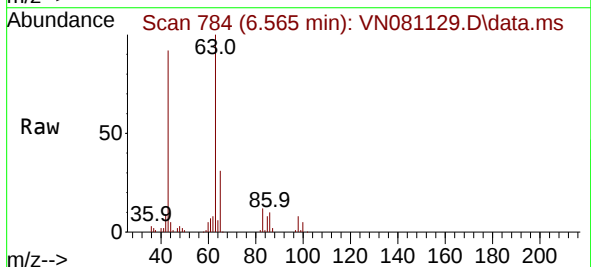
Tgt Ion: 43 Resp: 1064390
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

Manual Integrations
 APPROVED

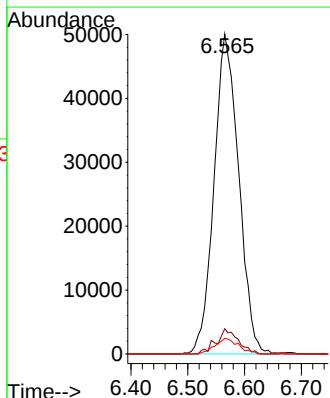
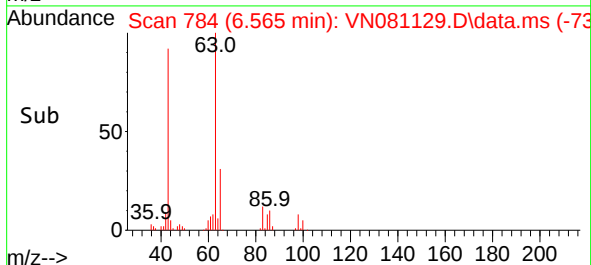
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

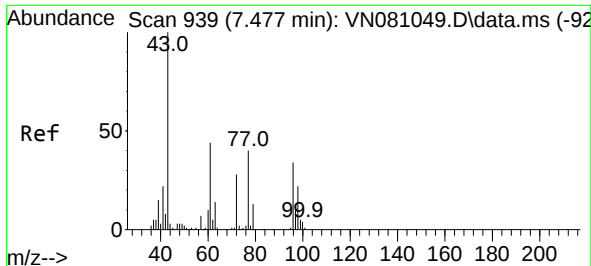


#24
 1,1-Dichloroethane
 Concen: 22.343 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49



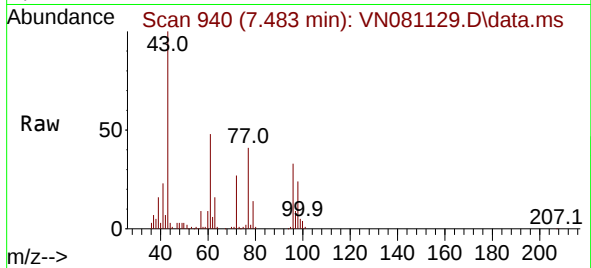
Tgt Ion: 63 Resp: 151084
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 111.106 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

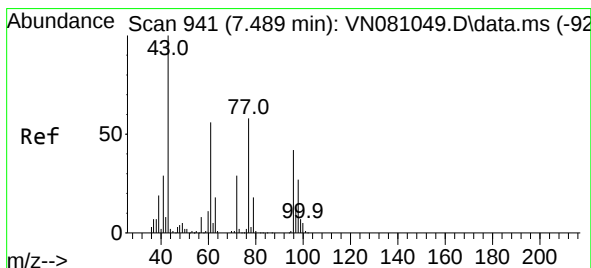
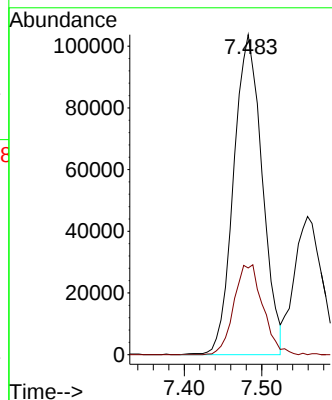
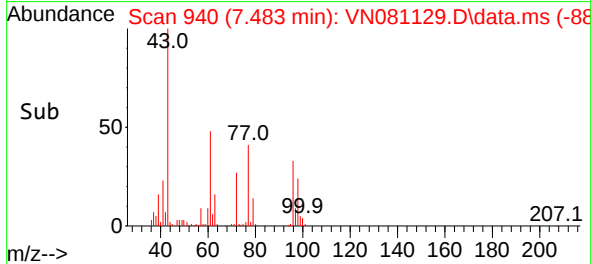
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



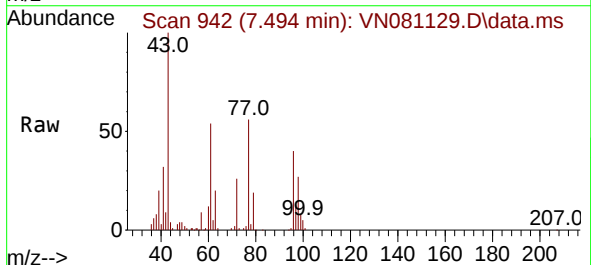
Tgt Ion: 43 Resp: 265978
Ion Ratio Lower Upper
43 100
72 27.1 19.5 29.3

Manual Integrations
APPROVED

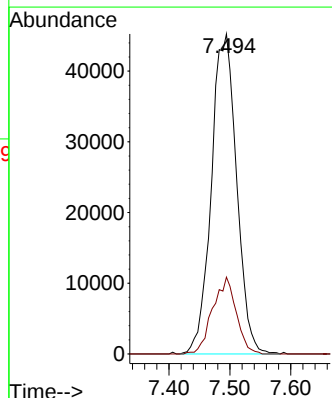
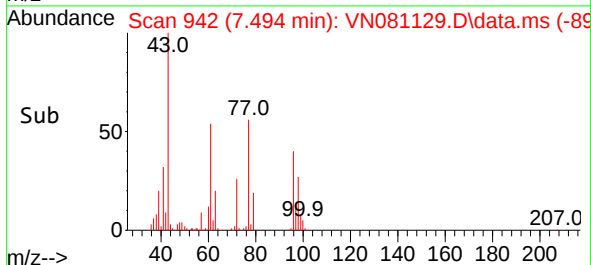
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

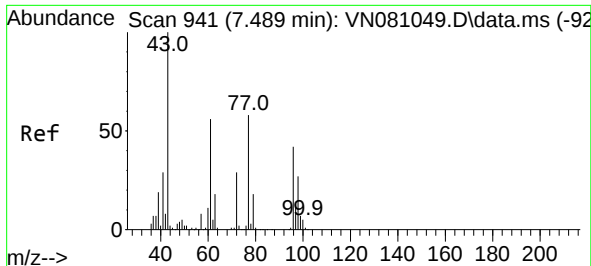


#26
2,2-Dichloropropane
Concen: 20.576 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



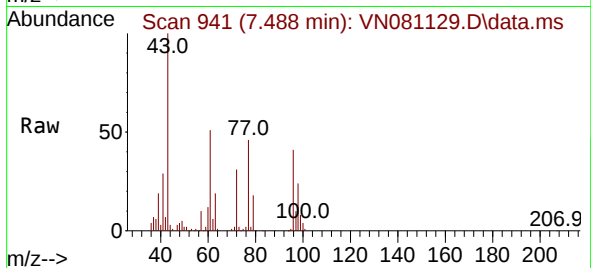
Tgt Ion: 77 Resp: 130368
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 20.653 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

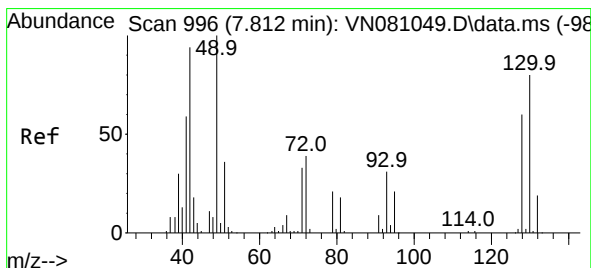
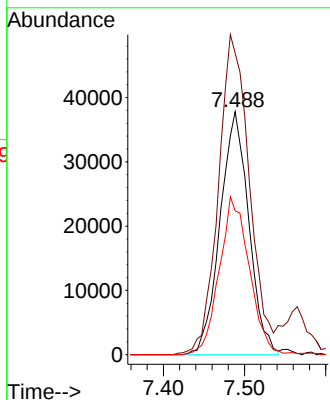
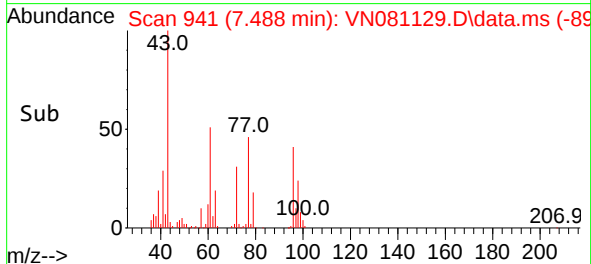
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 96 Resp: 93019
Ion Ratio Lower Upper
96 100
61 141.7 0.0 325.4
98 67.8 0.0 130.4

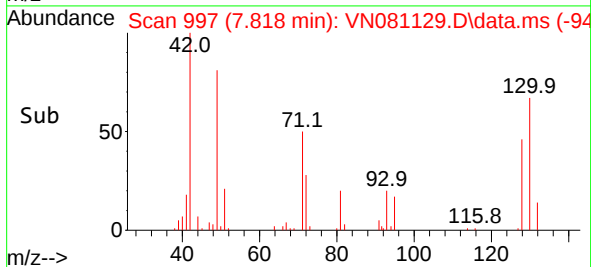
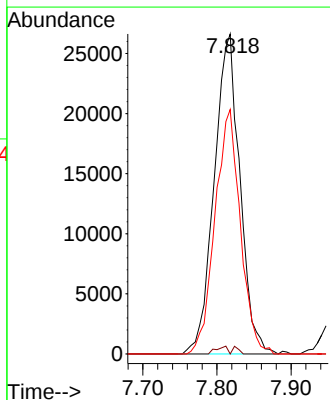
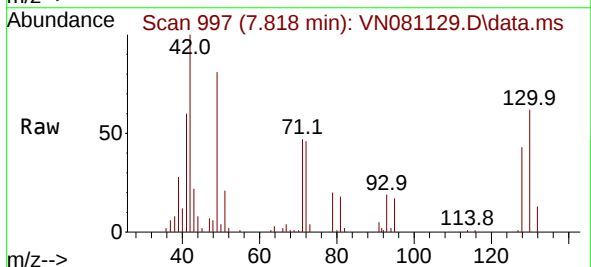
Manual Integrations
APPROVED

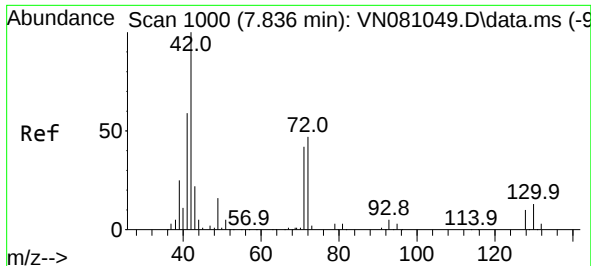
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#28
Bromochloromethane
Concen: 22.932 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 49 Resp: 64285
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.6
130 75.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 114.831 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 42 Resp: 183500

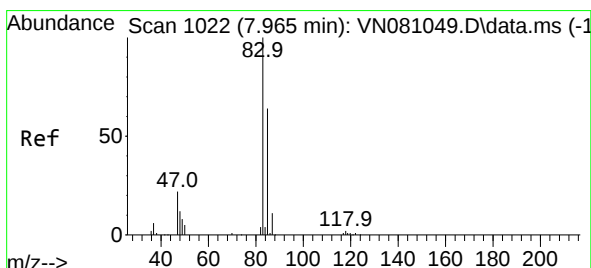
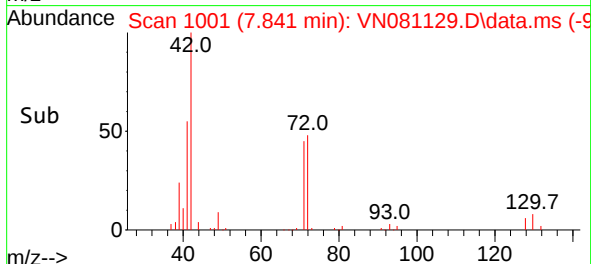
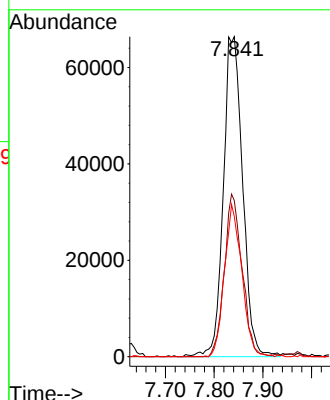
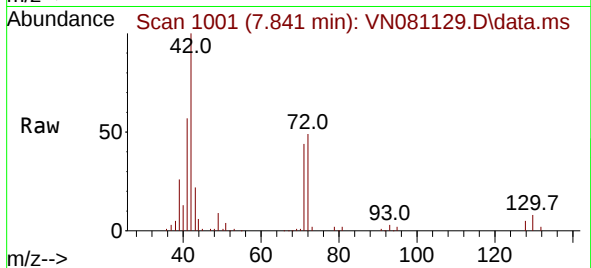
Ion	Ratio	Lower	Upper
42	100		
72	46.6	31.1	46.7
71	43.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 22.521 ug/l

RT: 7.965 min Scan# 1022

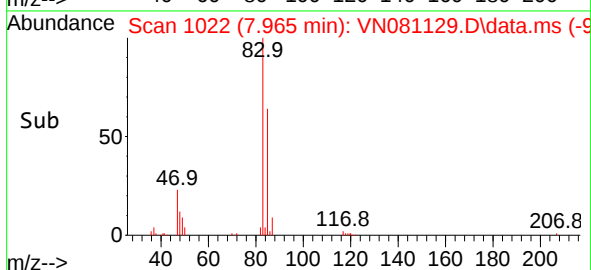
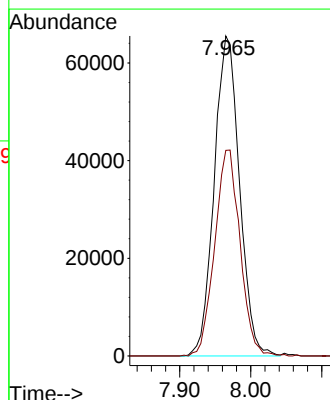
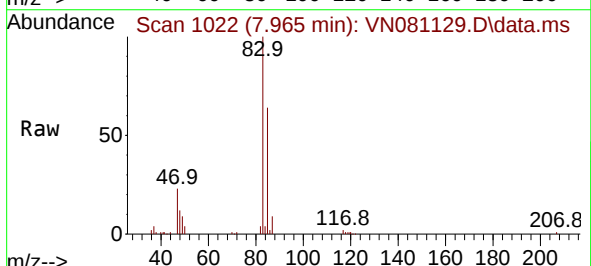
Delta R.T. -0.000 min

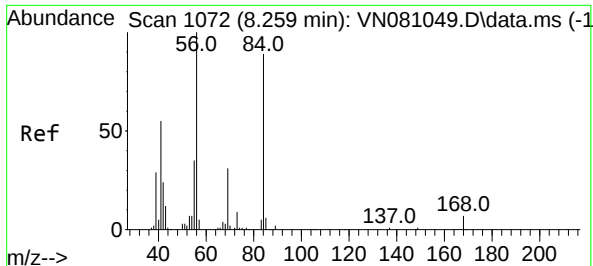
Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion: 83 Resp: 161895

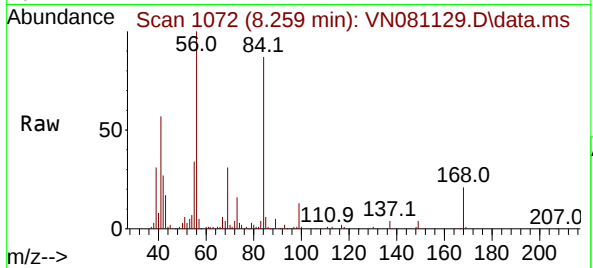
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.6





#31
Cyclohexane
Concen: 20.554 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

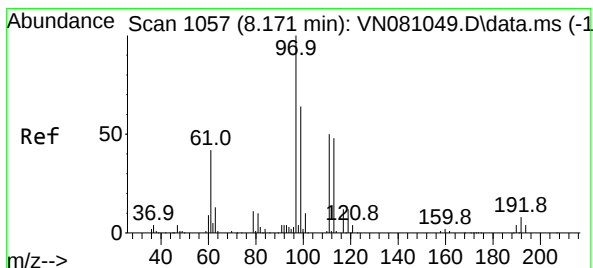
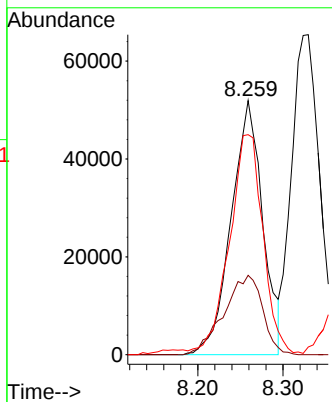
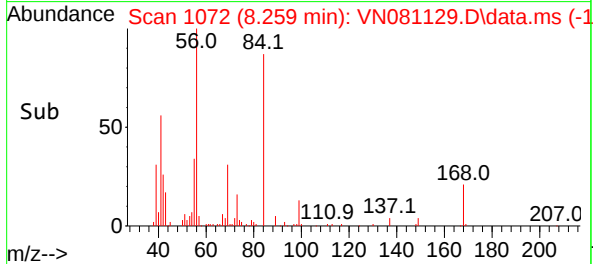
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



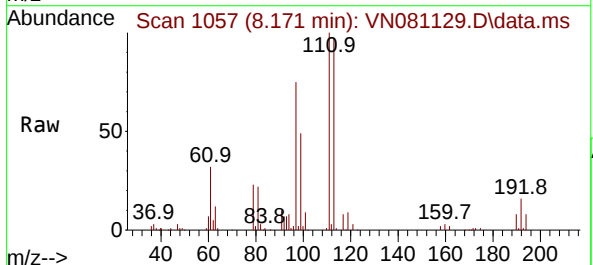
Tgt Ion: 56 Resp: 13365
Ion Ratio Lower Upper
56 100
69 31.2 20.1 30.1
84 84.8 56.9 85.3

Manual Integrations
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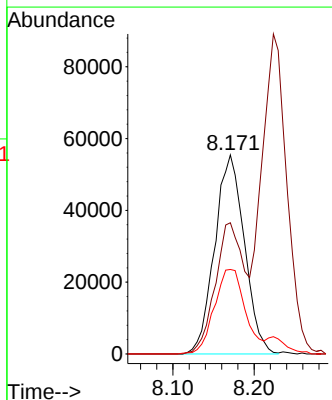
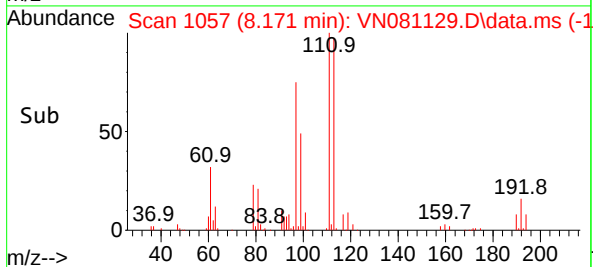
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

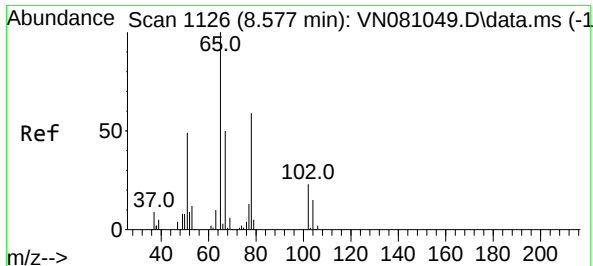


#32
1,1,1-Trichloroethane
Concen: 21.513 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion: 97 Resp: 140841
Ion Ratio Lower Upper
97 100
99 64.4 53.4 80.0
61 44.5 43.8 65.8





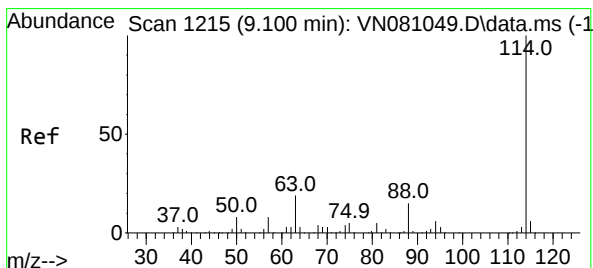
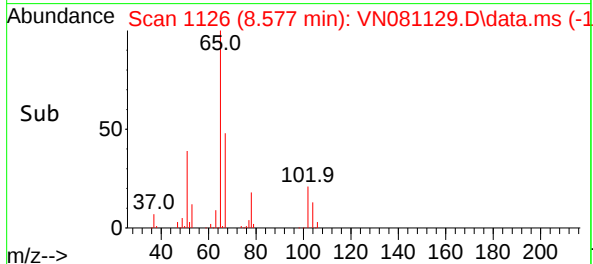
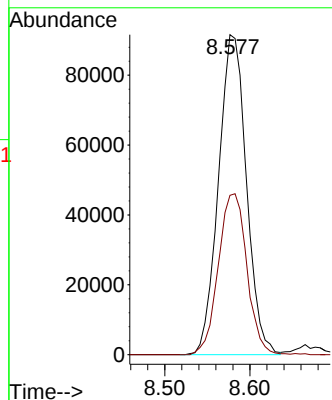
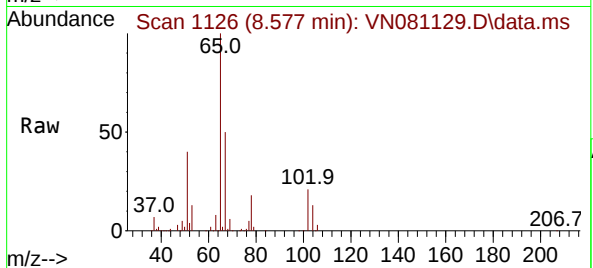
#33
1,2-Dichloroethane-d4
Concen: 55.416 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 65 Resp: 208692
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

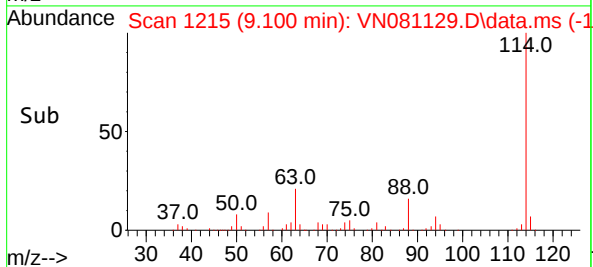
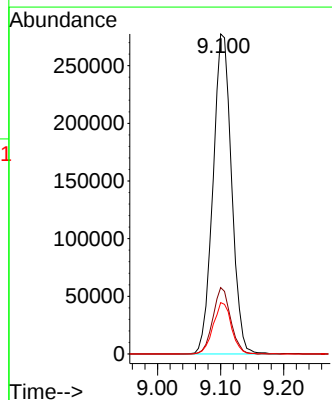
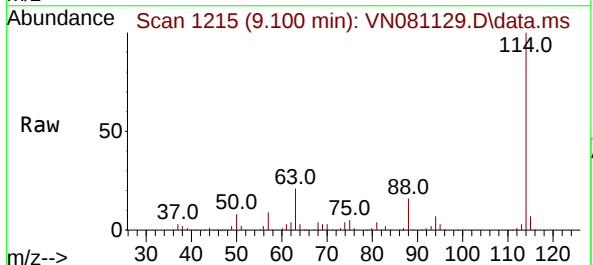
Manual Integrations
APPROVED

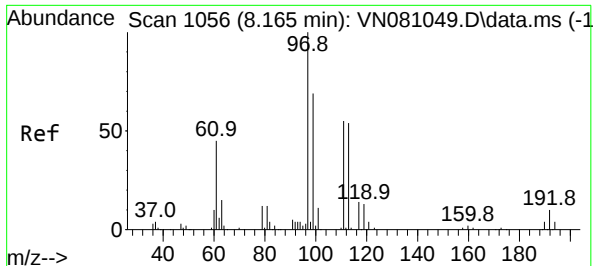
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:114 Resp: 565479
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 54.474 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion:113 Resp: 17418

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

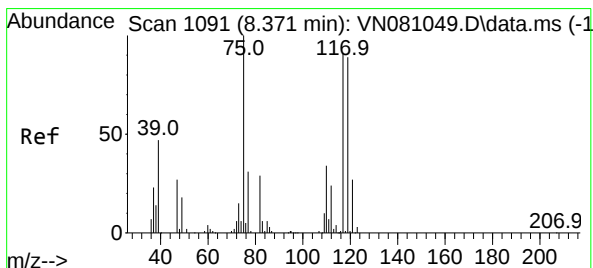
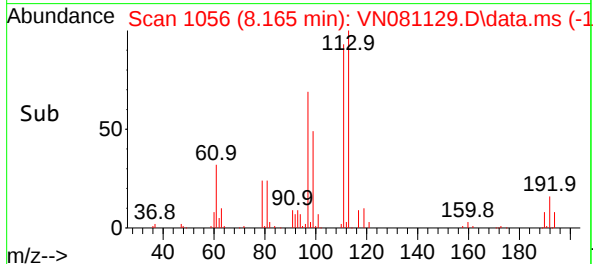
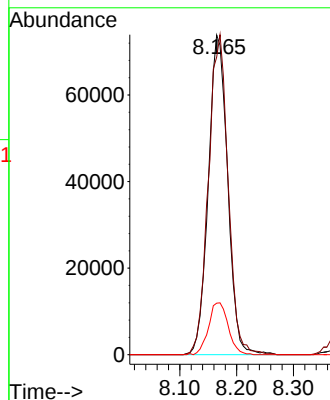
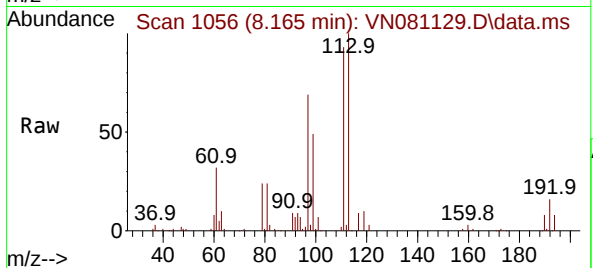
192 16.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 21.119 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

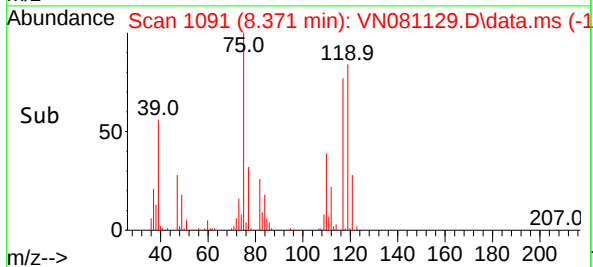
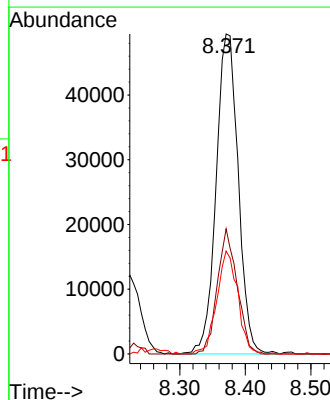
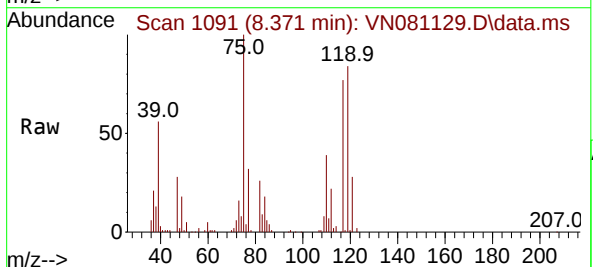
Tgt Ion: 75 Resp: 115693

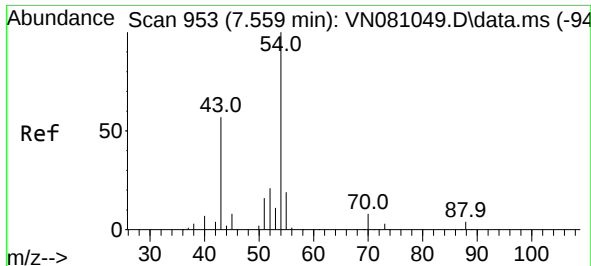
Ion Ratio Lower Upper

75 100

110 35.1 16.0 48.0

77 30.4 25.8 38.6





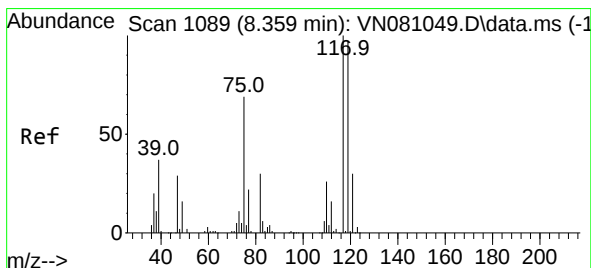
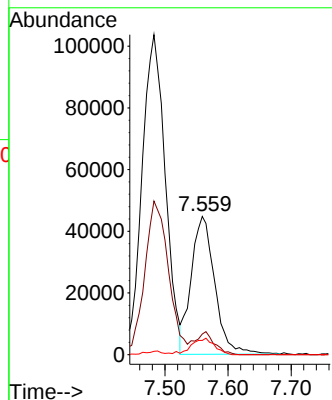
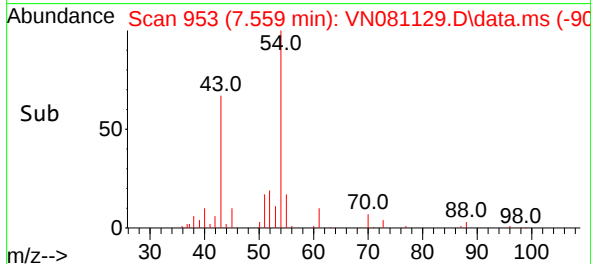
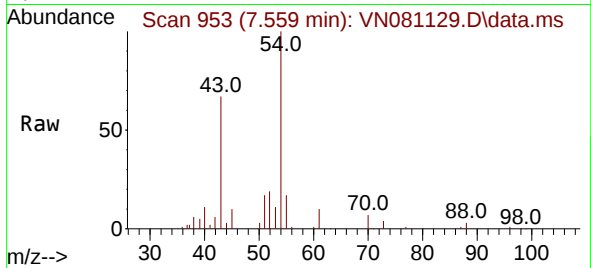
#37
Ethyl Acetate
Concen: 23.523 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 43 Resp: 116302
Ion Ratio Lower Upper
43 100
61 11.0 10.6 15.8
70 11.6 8.0 12.0

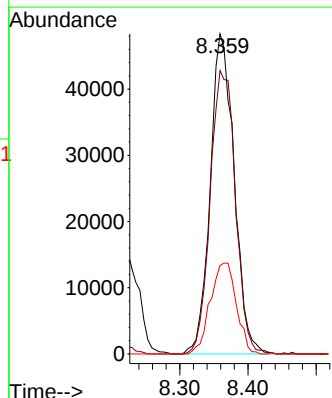
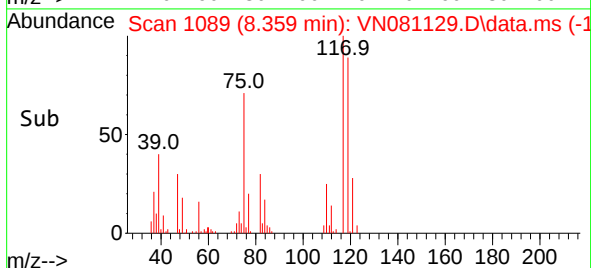
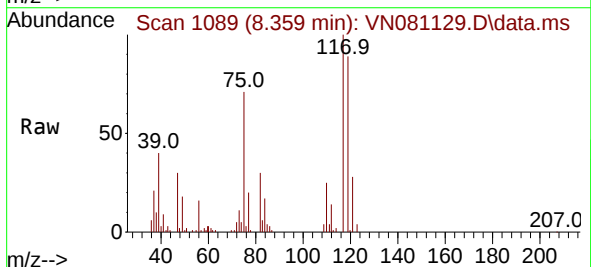
Manual Integrations
APPROVED

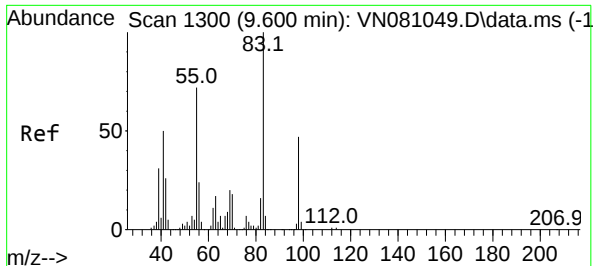
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#38
Carbon Tetrachloride
Concen: 21.298 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:117 Resp: 118044
Ion Ratio Lower Upper
117 100
119 88.5 73.4 110.2
121 27.7 24.4 36.6





#39

Methylcyclohexane

Concen: 20.767 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 83 Resp: 132618

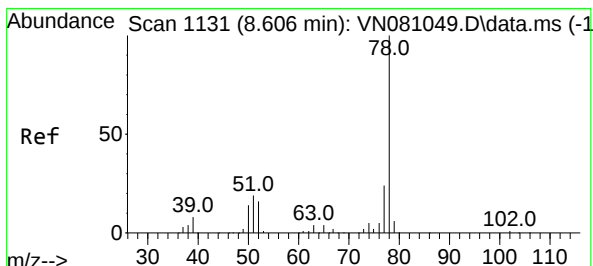
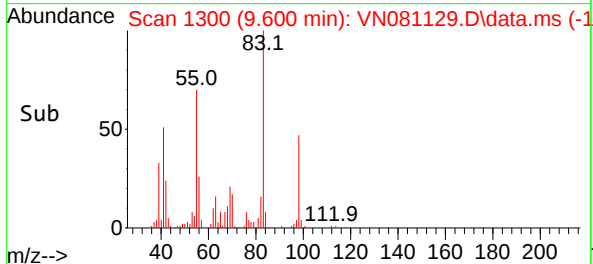
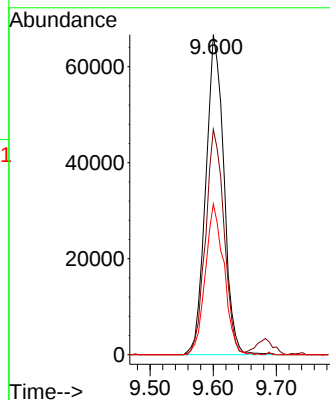
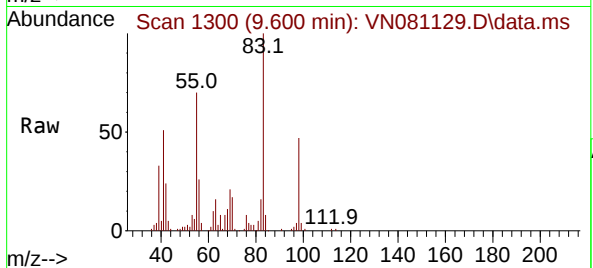
Ion	Ratio	Lower	Upper
83	100		
55	70.4	65.7	98.5
98	47.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#40

Benzene

Concen: 21.529 ug/l

RT: 8.606 min Scan# 1131

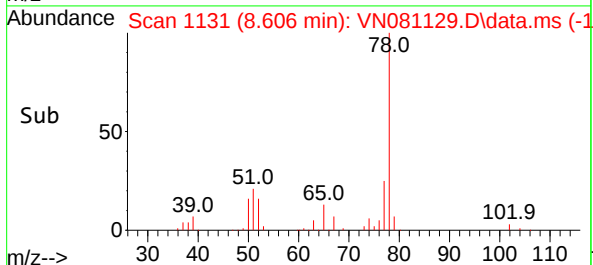
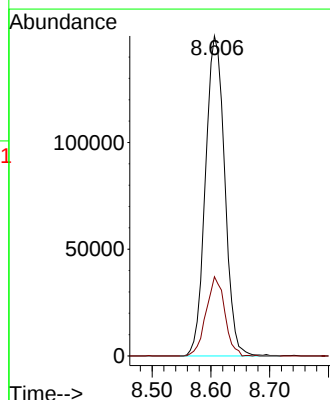
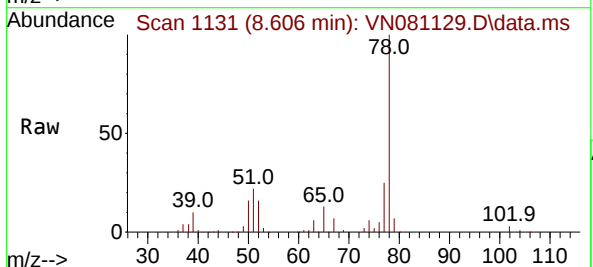
Delta R.T. -0.000 min

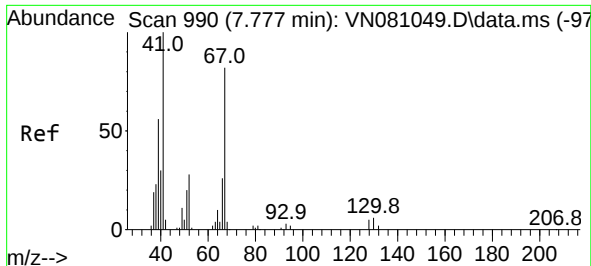
Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion: 78 Resp: 341380

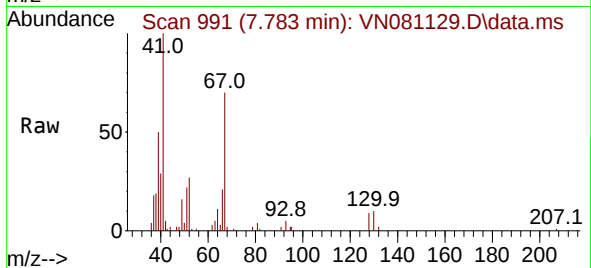
Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.4	30.6





#41
Methacrylonitrile
Concen: 22.006 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

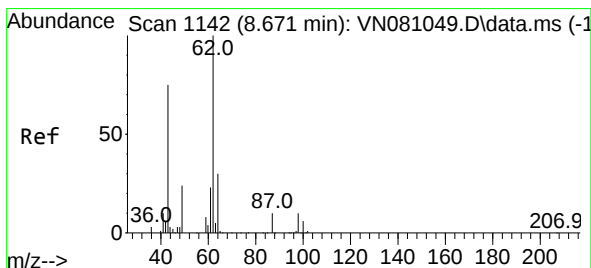
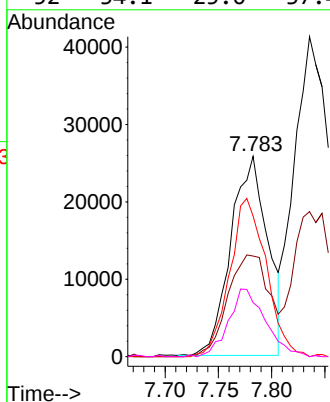
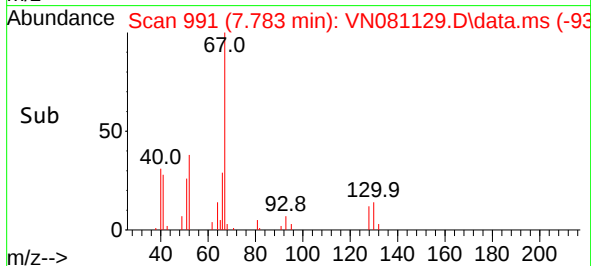
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 41 Resp: 6192
Ion Ratio Lower Upper
41 100
39 57.8 48.4 72.6
67 79.2 56.8 85.2
52 34.1 25.0 37.4

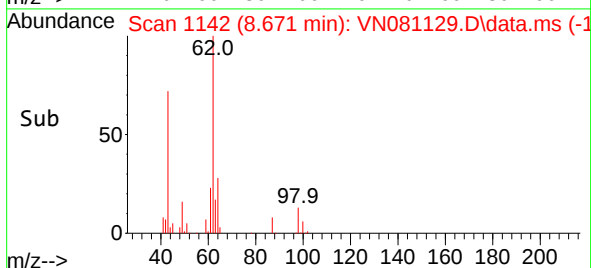
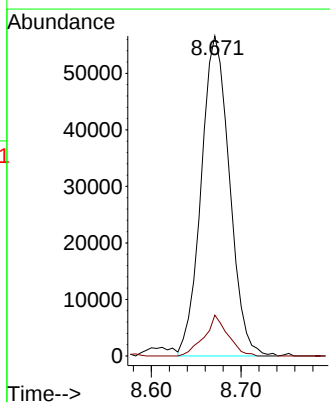
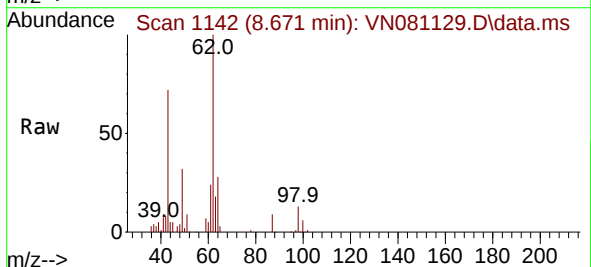
Manual Integrations
APPROVED

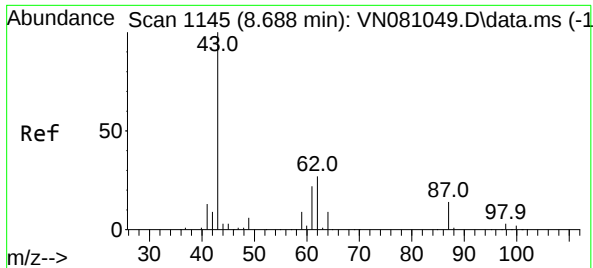
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 22.428 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

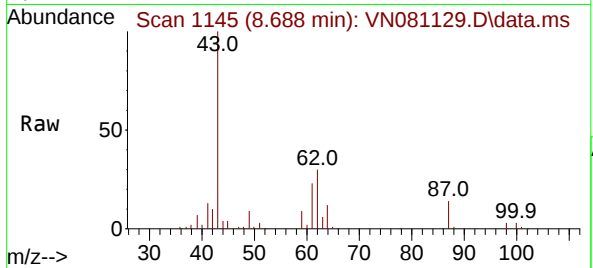
Tgt Ion: 62 Resp: 124075
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 23.975 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

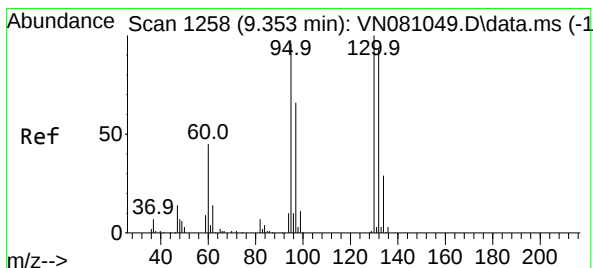
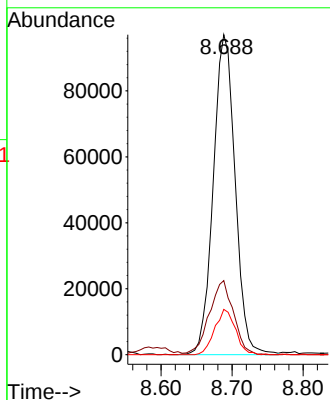
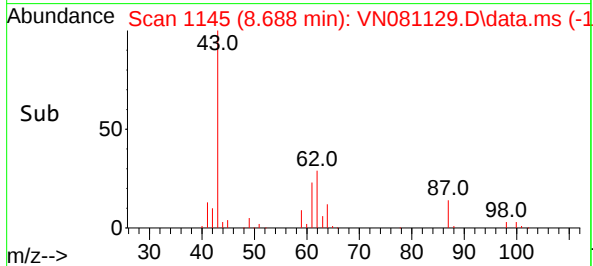
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



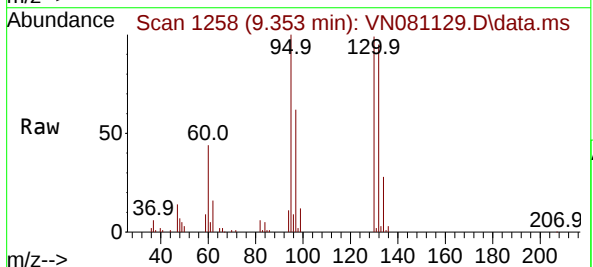
Tgt Ion: 43 Resp: 20731
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.4 9.0 13.6

Manual Integrations
APPROVED

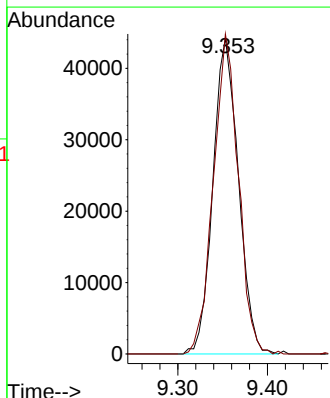
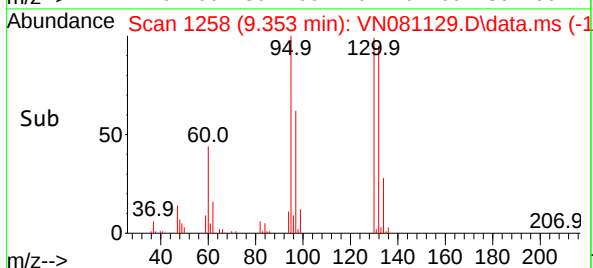
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

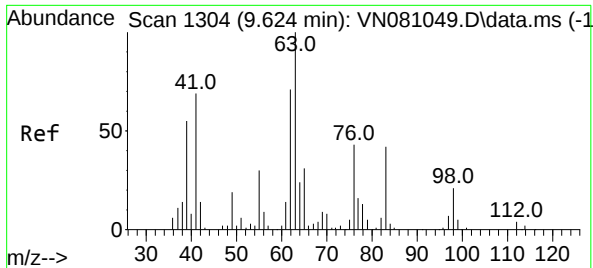


#44
Trichloroethene
Concen: 20.654 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion:130 Resp: 87229
Ion Ratio Lower Upper
130 100
95 101.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.031 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 63 Resp: 8738

Ion Ratio Lower Upper

63 100

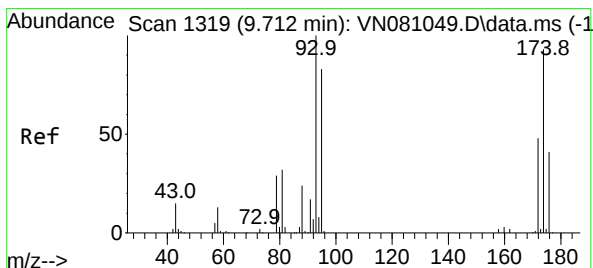
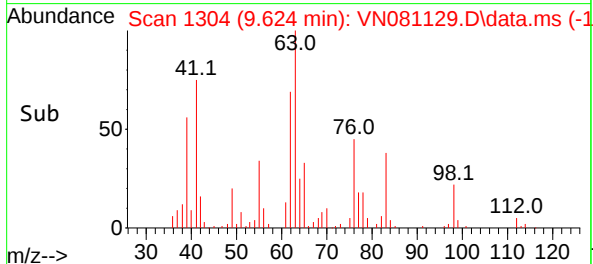
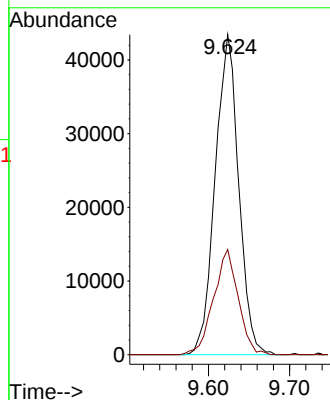
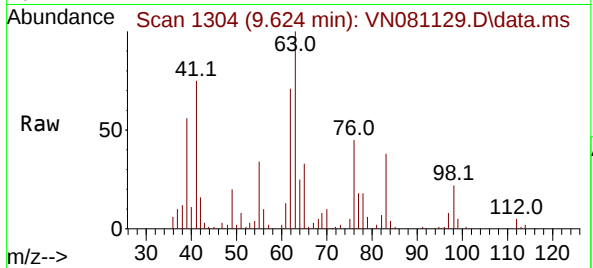
65 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 22.074 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

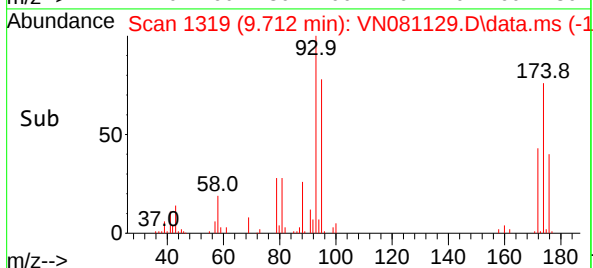
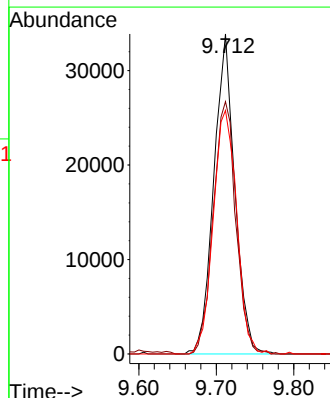
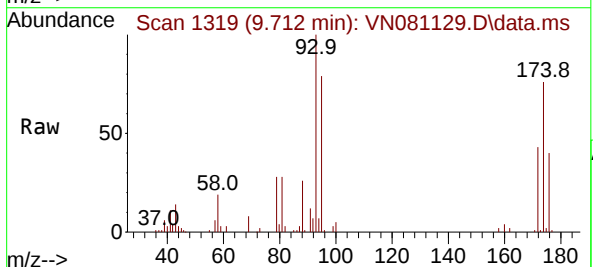
Tgt Ion: 93 Resp: 63795

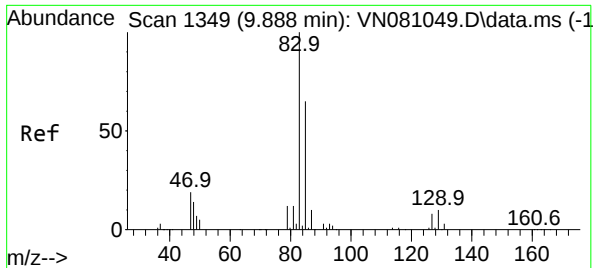
Ion Ratio Lower Upper

93 100

95 85.2 68.1 102.1

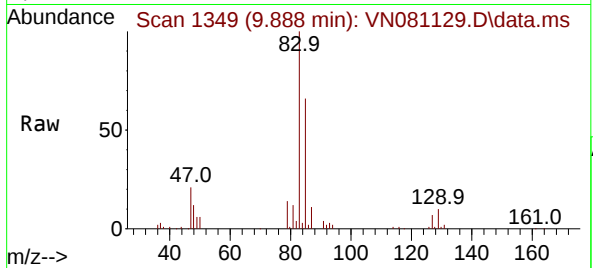
174 85.3 57.2 85.8





#47
Bromodichloromethane
Concen: 22.377 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

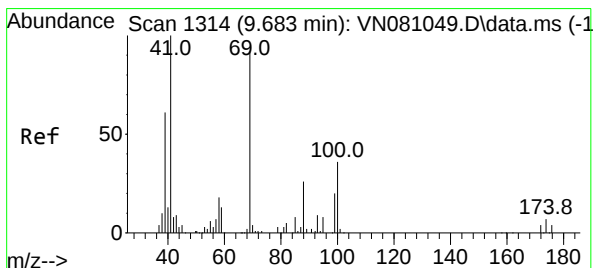
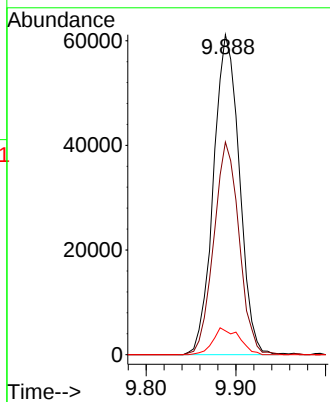
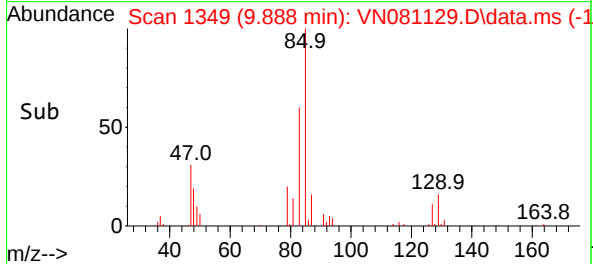
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 83 Resp: 122480
Ion Ratio Lower Upper
83 100
85 66.5 52.3 78.5
127 7.4 4.6 7.0

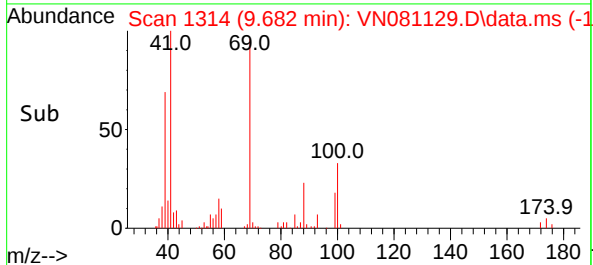
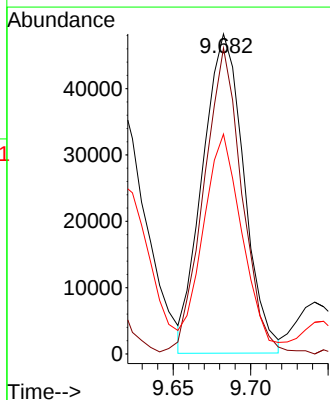
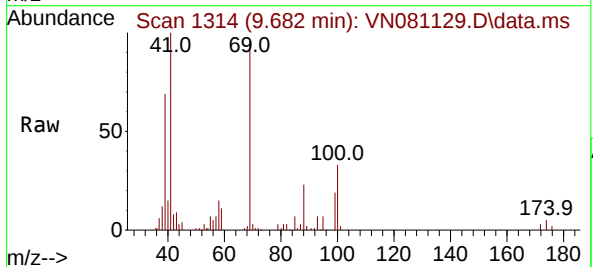
Manual Integrations
APPROVED

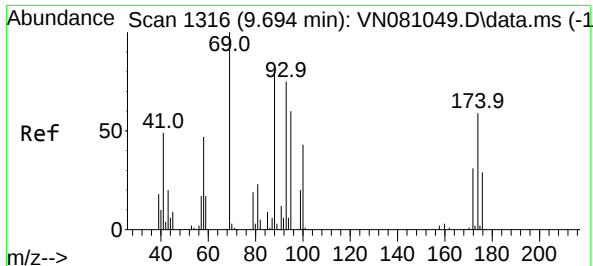
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 22.235 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 41 Resp: 89463
Ion Ratio Lower Upper
41 100
69 89.1 62.2 93.2
39 65.8 47.6 71.4





#49

1,4-Dioxane

Concen: 487.799 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

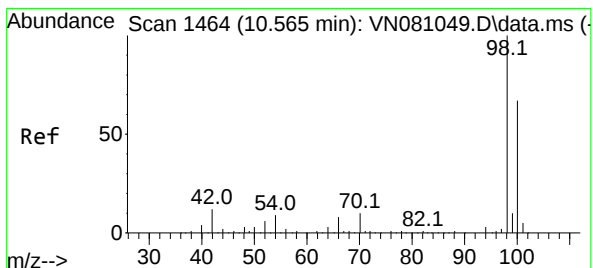
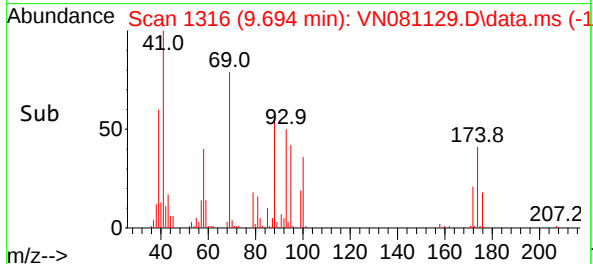
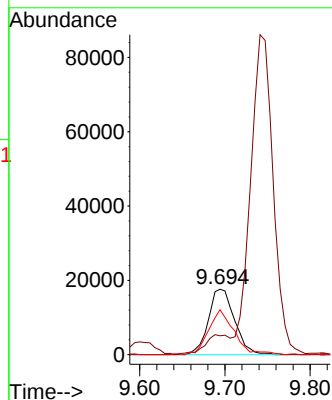
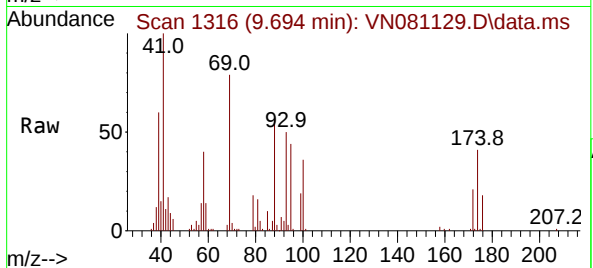
Tgt Ion: 88 Resp: 3763
 Ion Ratio Lower Upper
 88 100
 43 28.7 30.1 45.1
 58 67.6 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 51.505 ug/l

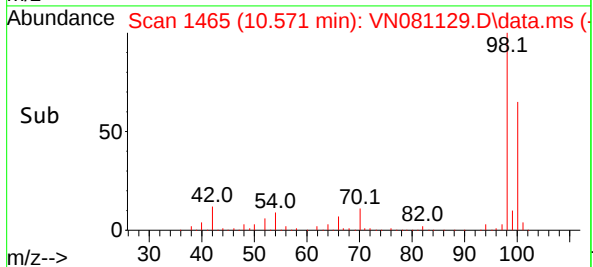
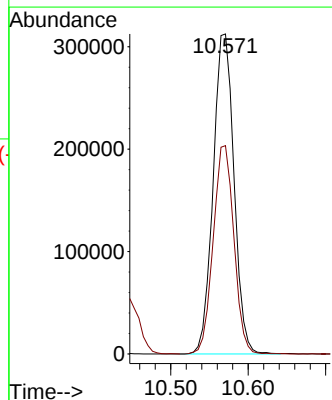
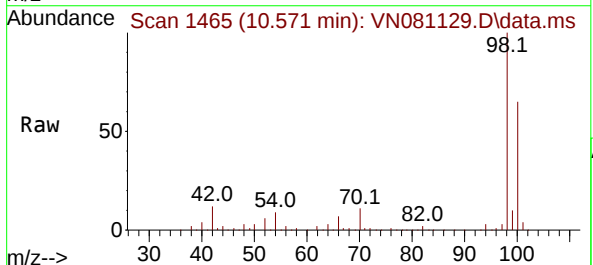
RT: 10.571 min Scan# 1465

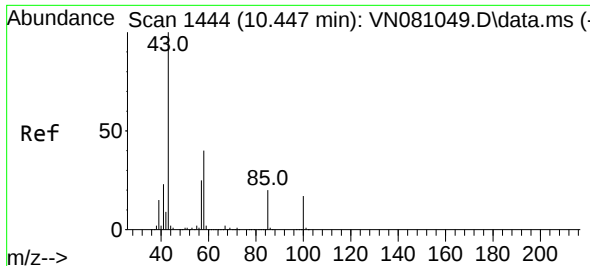
Delta R.T. 0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

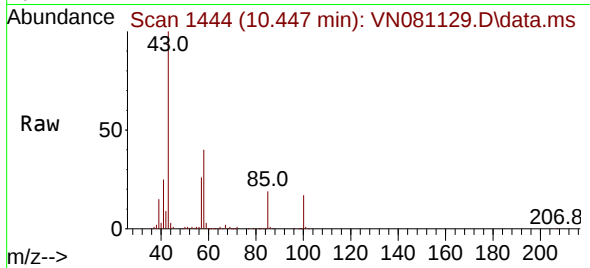
Tgt Ion: 98 Resp: 584950
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 119.307 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

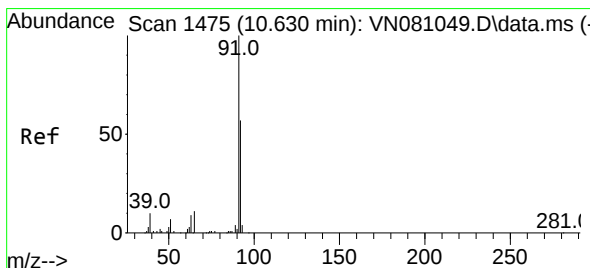
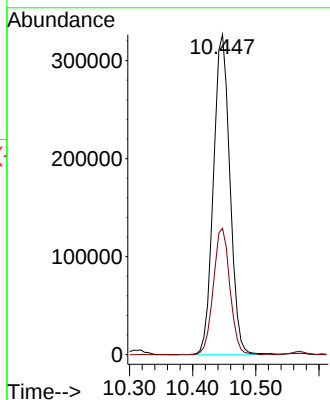
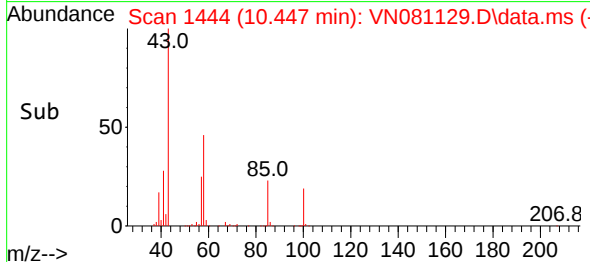
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



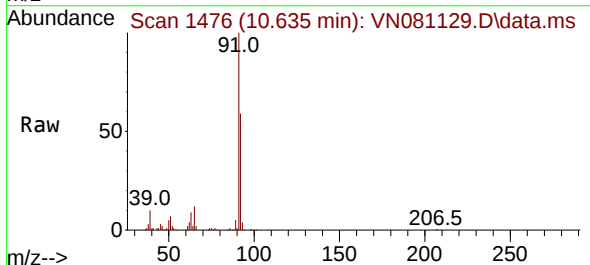
Tgt Ion: 43 Resp: 593452
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0

Manual Integrations
APPROVED

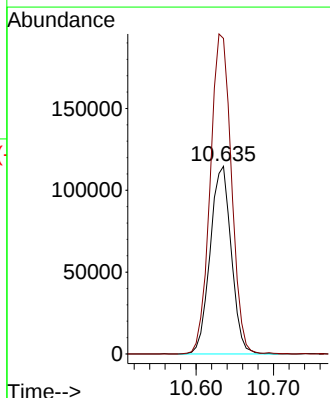
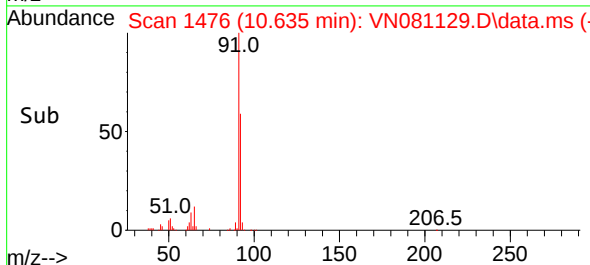
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

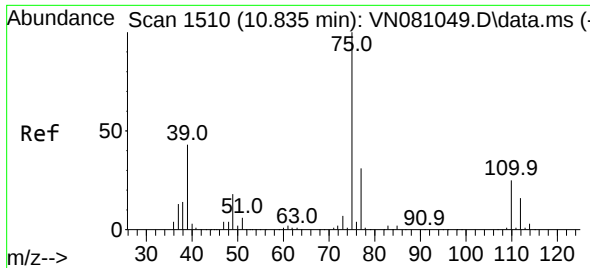


#52
Toluene
Concen: 21.587 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



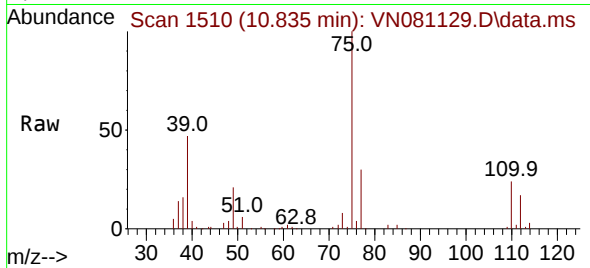
Tgt Ion: 92 Resp: 216703
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 21.874 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

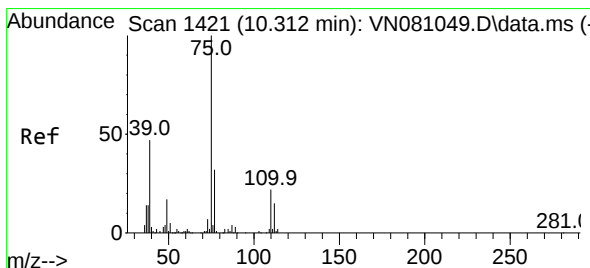
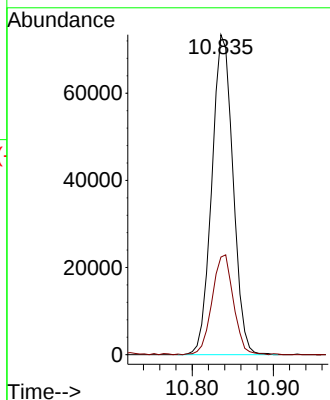
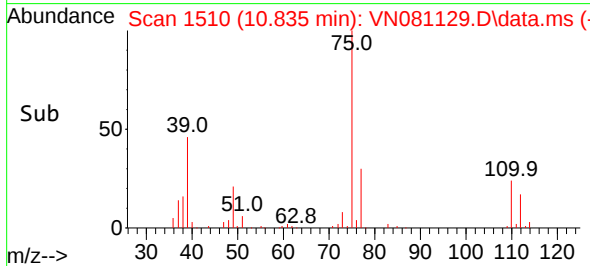
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



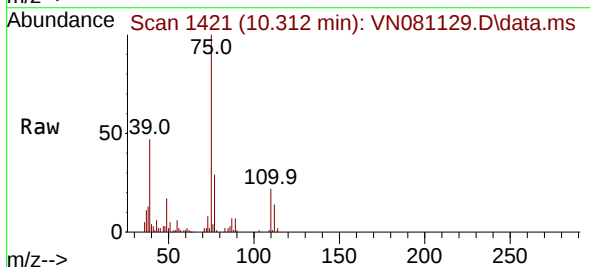
Tgt Ion: 75 Resp: 13304
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3

Manual Integrations
 APPROVED

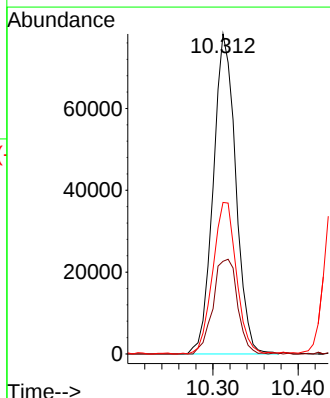
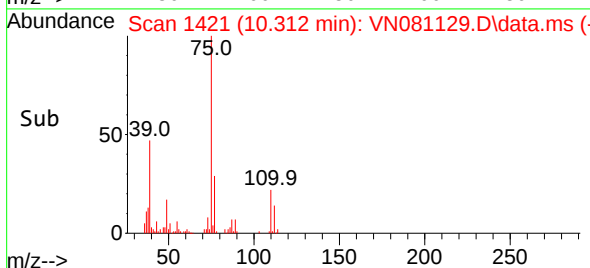
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

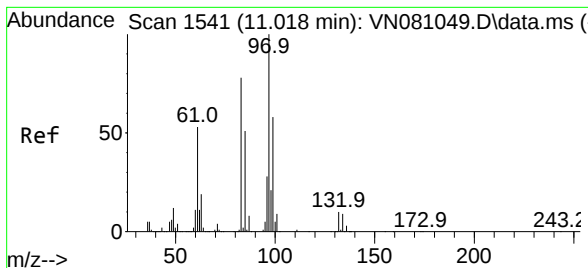


#54
 cis-1,3-Dichloropropene
 Concen: 21.834 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49



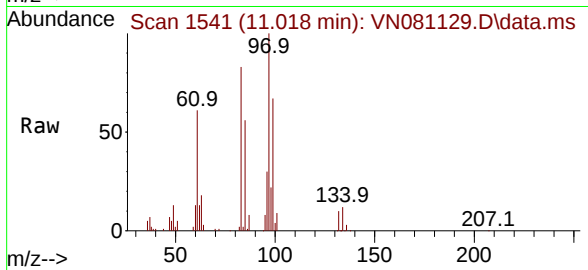
Tgt Ion: 75 Resp: 143488
 Ion Ratio Lower Upper
 75 100
 77 29.0 23.3 34.9
 39 47.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 23.389 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

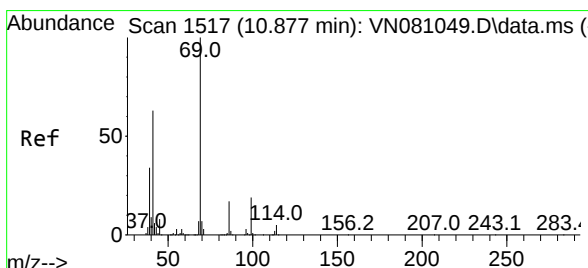
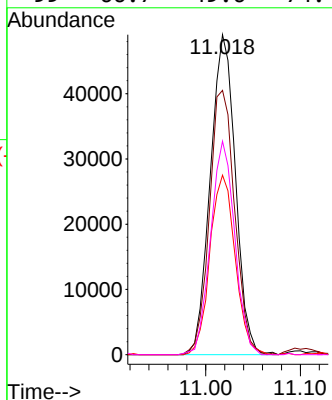
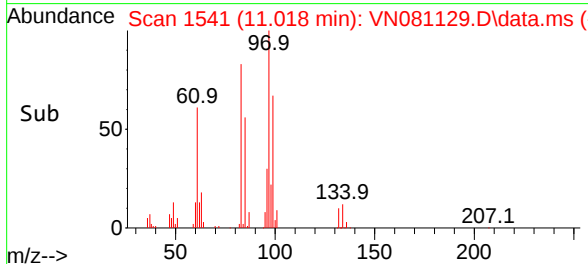
Instrument : MSVOA_N
ClientSampleId : VN0222WBS01



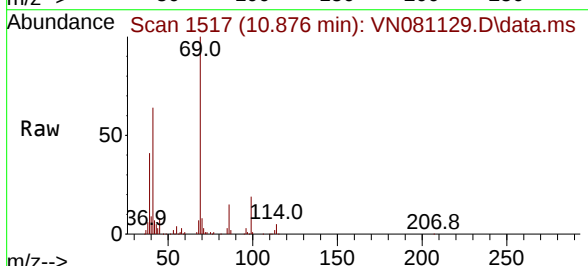
Tgt Ion:	97	Resp:	90302
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.9	109.3
85	56.1	50.2	75.2
99	66.7	49.6	74.4

Manual Integrations
APPROVED

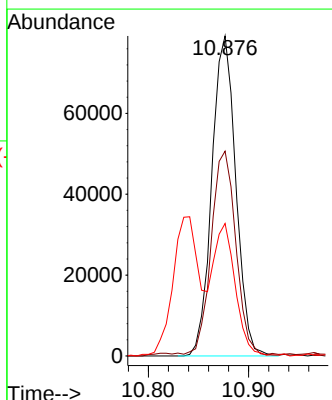
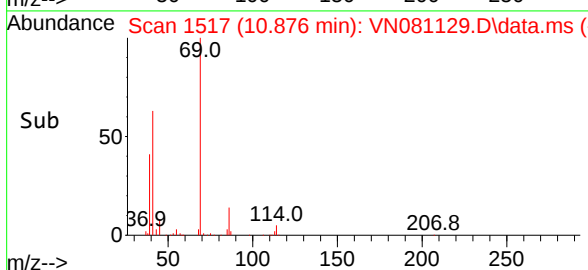
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#56
Ethyl methacrylate
Concen: 22.297 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion:	69	Resp:	131572
Ion	Ratio	Lower	Upper
69	100		
41	64.8	61.0	91.6
39	36.6	31.8	47.6





#57

1,3-Dichloropropane

Concen: 23.113 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 76 Resp: 154300

Ion Ratio Lower Upper

76 100

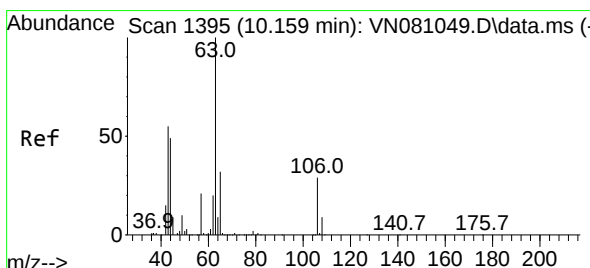
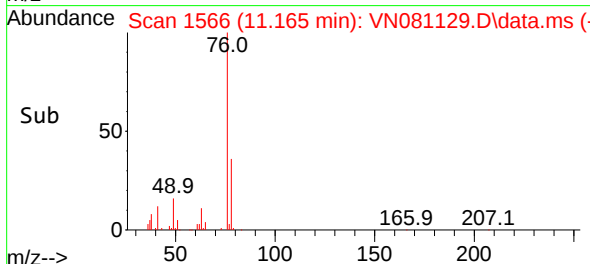
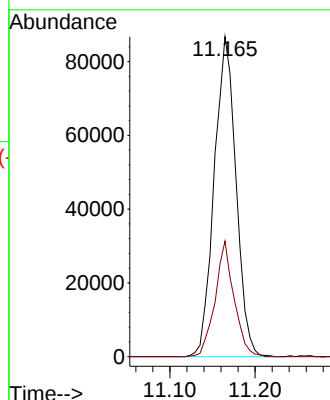
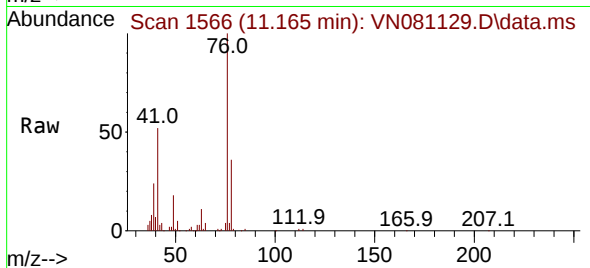
78 31.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 93.877 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081129.D

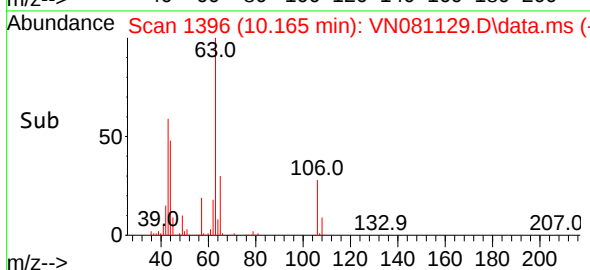
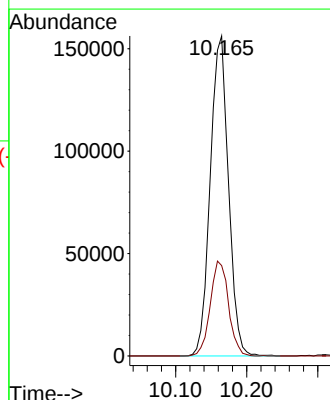
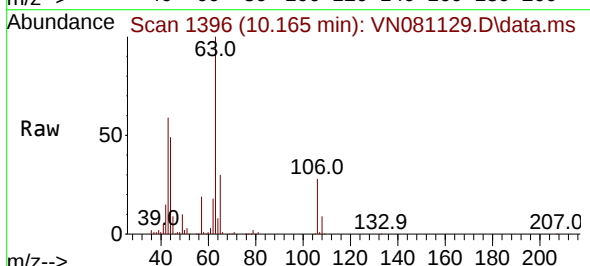
Acq: 22 Feb 2024 12:49

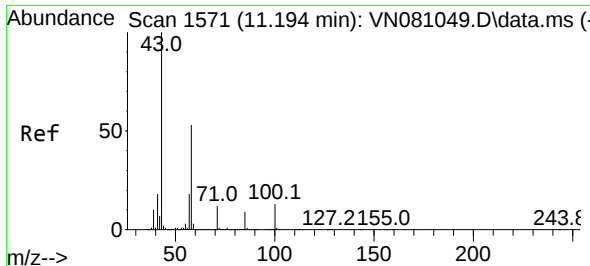
Tgt Ion: 63 Resp: 277940

Ion Ratio Lower Upper

63 100

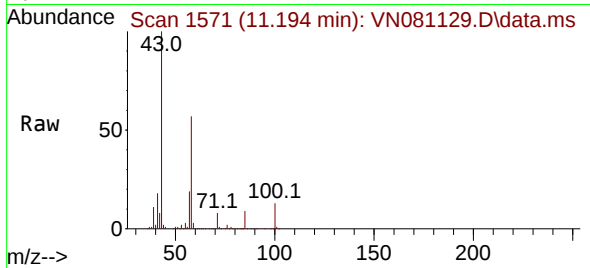
106 29.8 18.6 28.0#





#59
2-Hexanone
Concen: 109.114 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

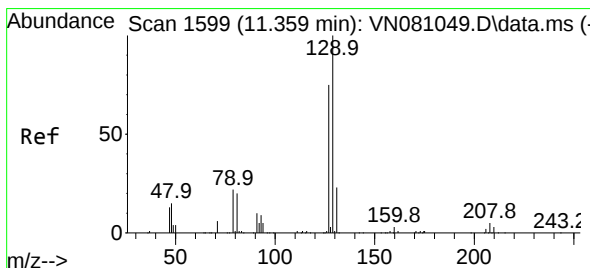
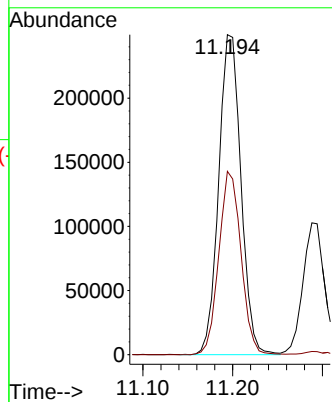
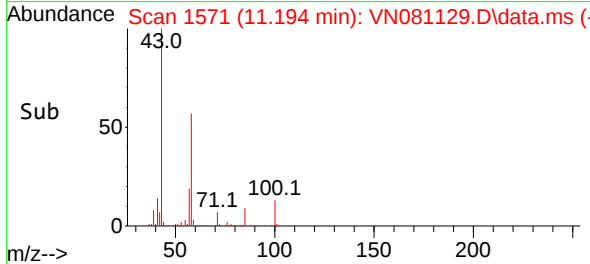
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 43 Resp: 430294
Ion Ratio Lower Upper
43 100
58 57.0 25.9 77.8

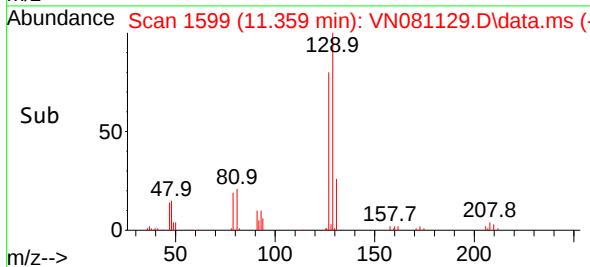
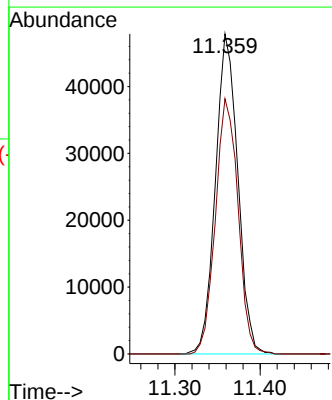
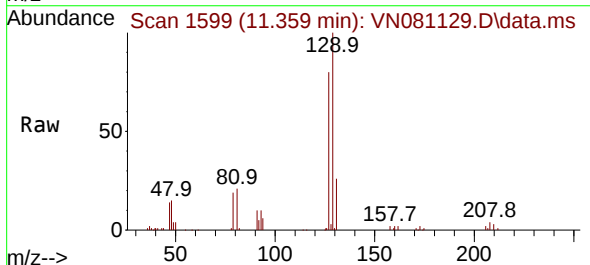
Manual Integrations
APPROVED

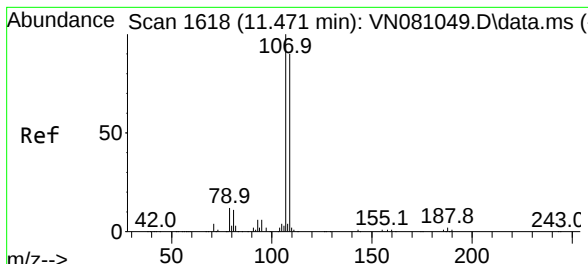
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 21.280 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:129 Resp: 87281
Ion Ratio Lower Upper
129 100
127 80.7 39.4 118.2





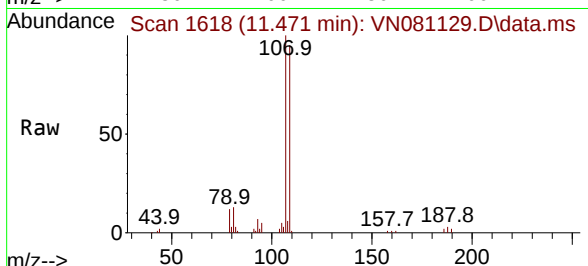
#61
 1,2-Dibromoethane
 Concen: 22.440 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01



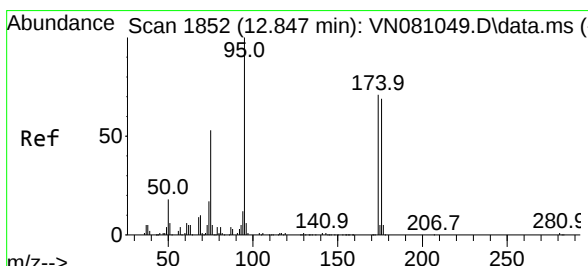
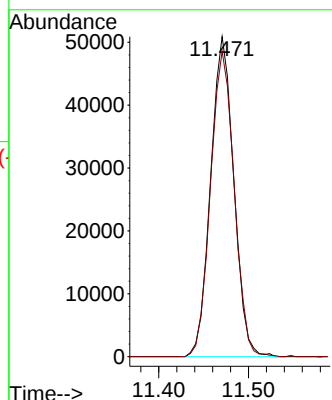
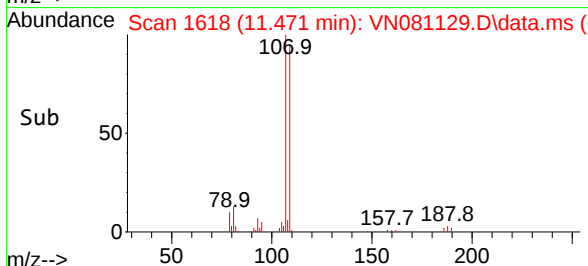
Tgt Ion:	107	Resp:	91109
Ion	Ratio	Lower	Upper
107	100		
109	97.4	73.4	110.2

Manual Integrations

APPROVED

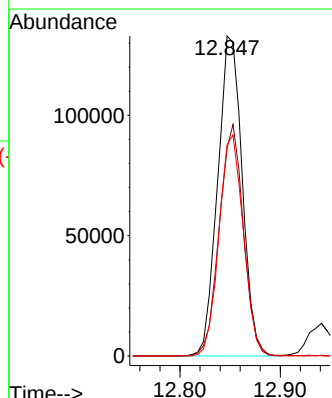
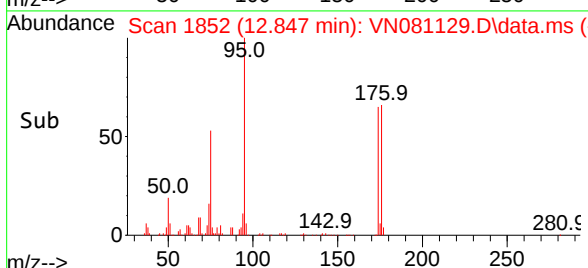
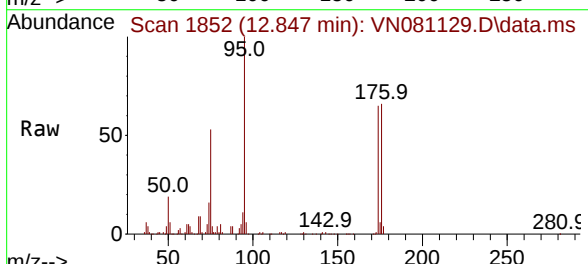
Reviewed By :John Carlone 02/23/2024

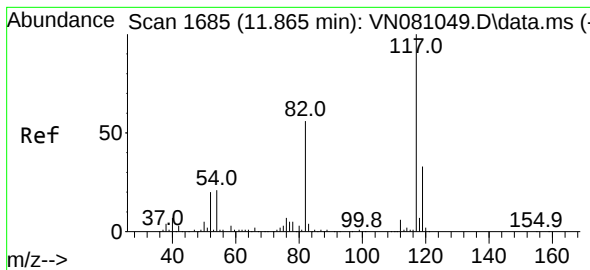
Supervised By :Mahesh Dadoda 02/23/2024



#62
 4-Bromofluorobenzene
 Concen: 52.767 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion:	95	Resp:	225181
Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	120.4
176	68.8	0.0	121.0





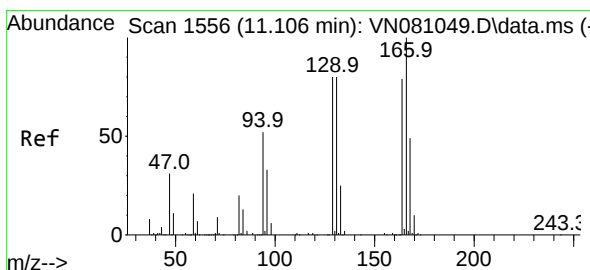
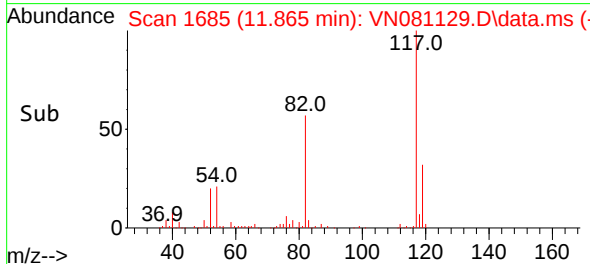
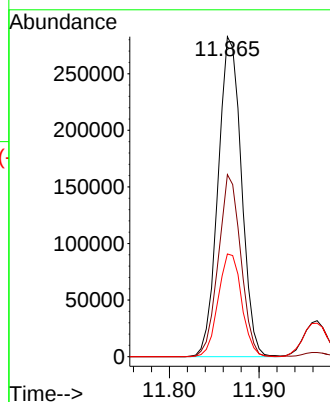
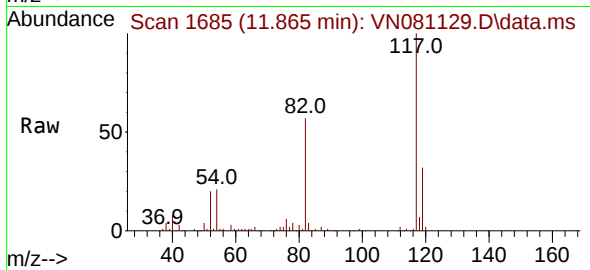
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:117 Resp: 51152
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 32.1 25.3 37.9

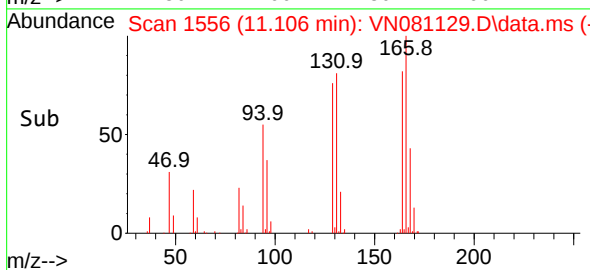
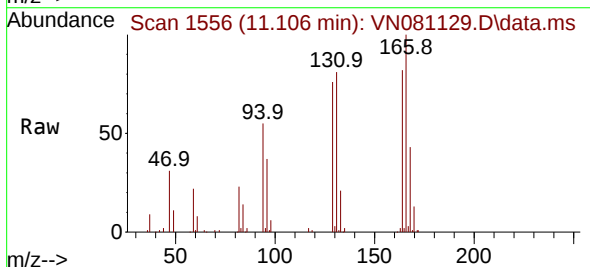
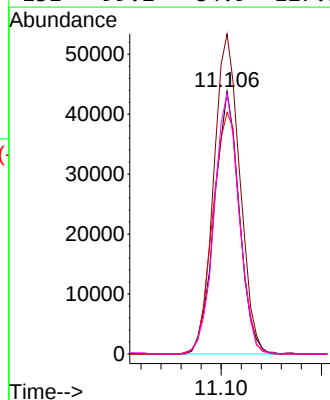
Manual Integrations
APPROVED

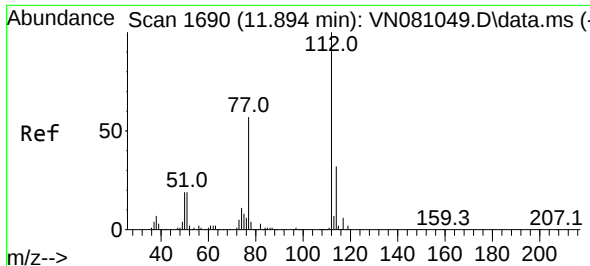
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 21.636 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:164 Resp: 75535
Ion Ratio Lower Upper
164 100
166 121.9 105.8 158.6
129 92.1 89.6 134.4
131 99.2 84.9 127.3





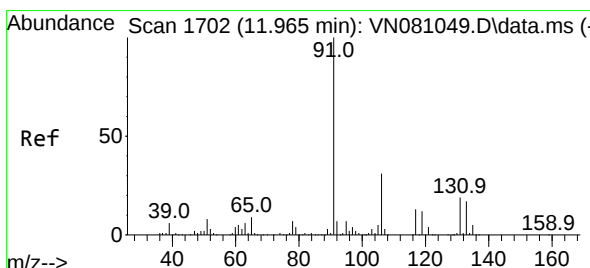
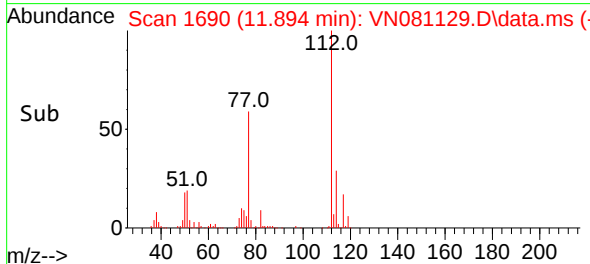
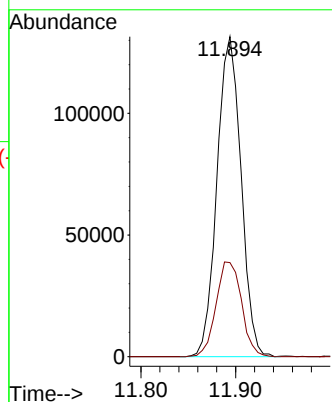
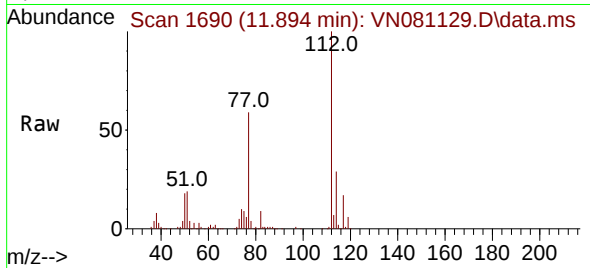
#65
Chlorobenzene
Concen: 20.984 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:112 Resp: 23231
Ion Ratio Lower Upper
112 100
114 29.4 23.7 35.5

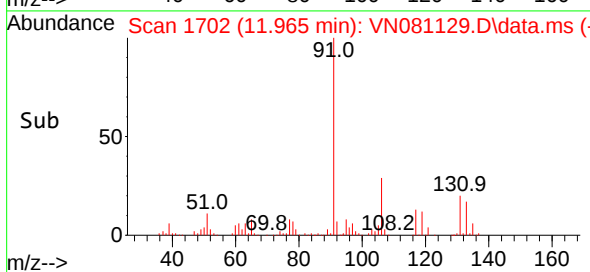
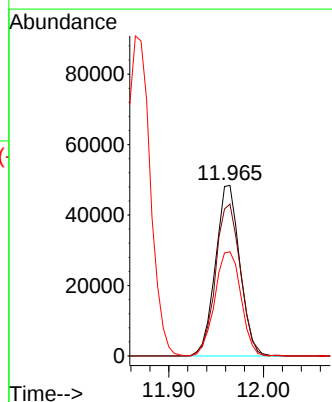
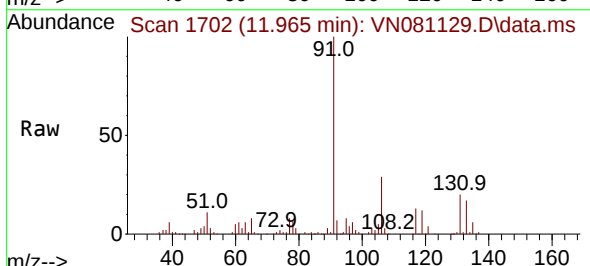
Manual Integrations
APPROVED

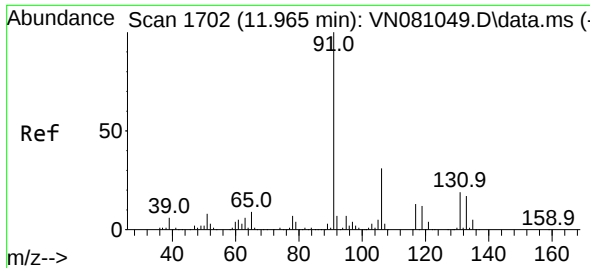
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.790 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:131 Resp: 86644
Ion Ratio Lower Upper
131 100
133 91.1 46.8 140.3
119 65.8 34.6 103.9





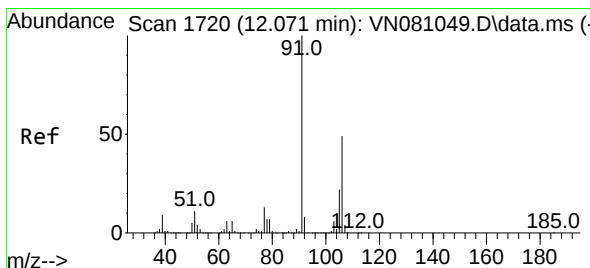
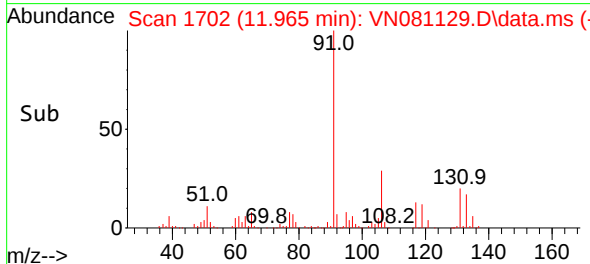
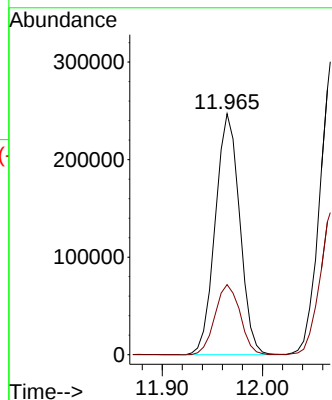
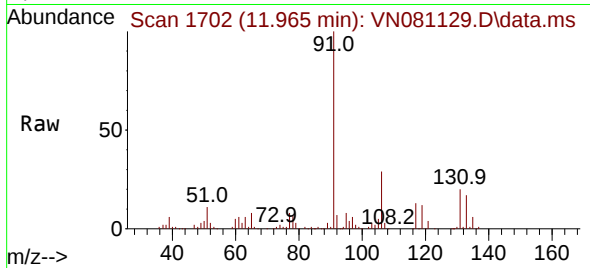
#67
Ethyl Benzene
Concen: 21.070 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 91 Resp: 417400
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.6

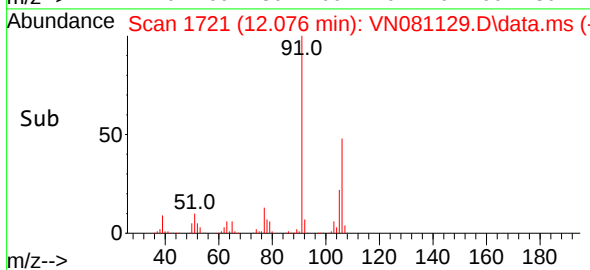
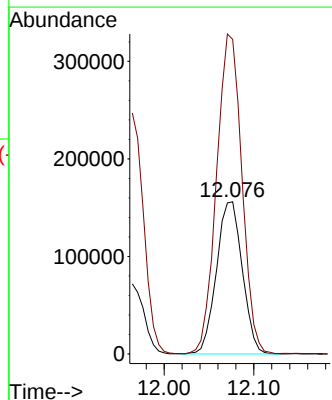
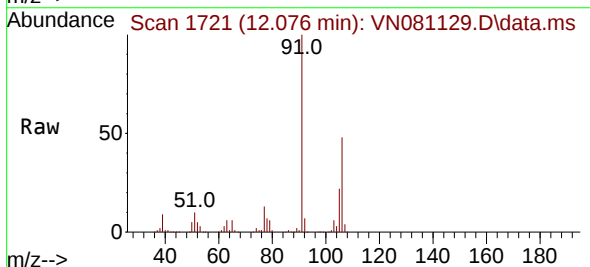
Manual Integrations
APPROVED

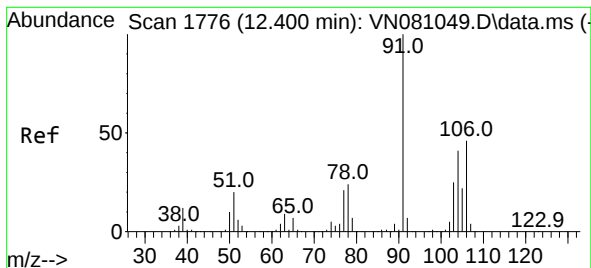
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#68
m/p-Xylenes
Concen: 41.048 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:106 Resp: 311694
Ion Ratio Lower Upper
106 100
91 205.8 169.0 253.6





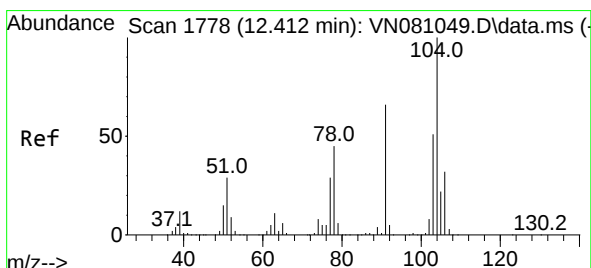
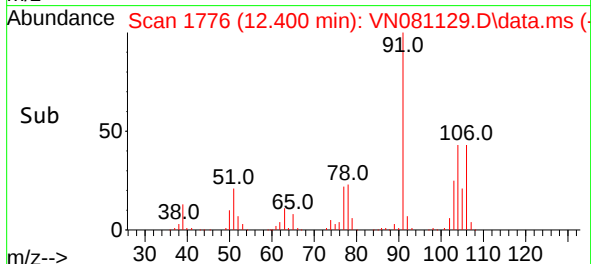
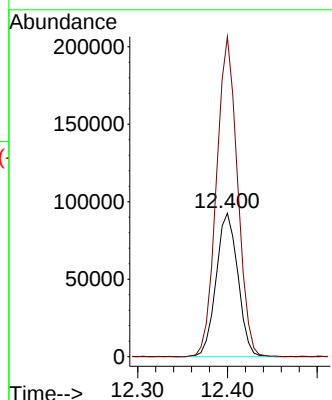
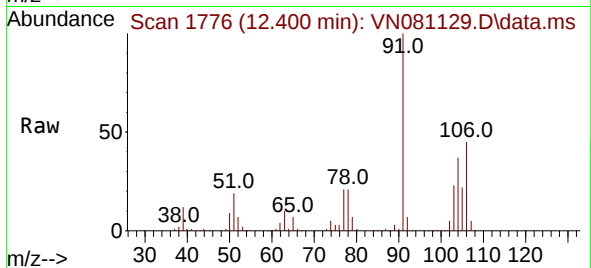
#69
o-Xylene
Concen: 20.682 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:106 Resp: 15567
Ion Ratio Lower Upper
106 100
91 216.5 112.1 336.3

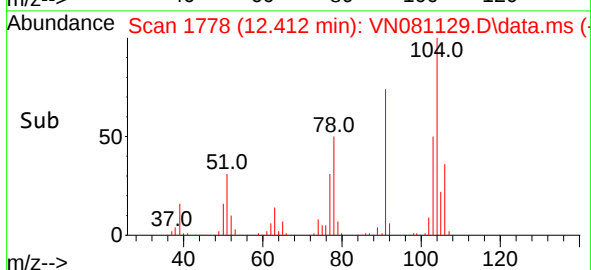
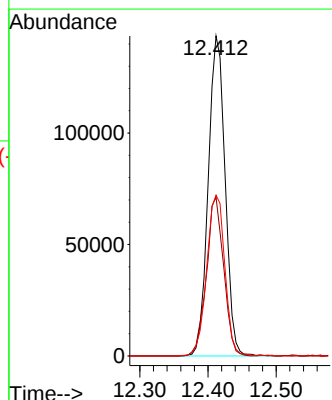
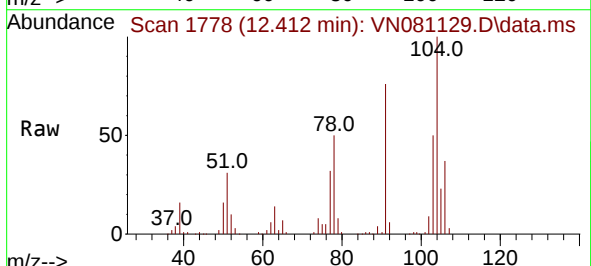
Manual Integrations
APPROVED

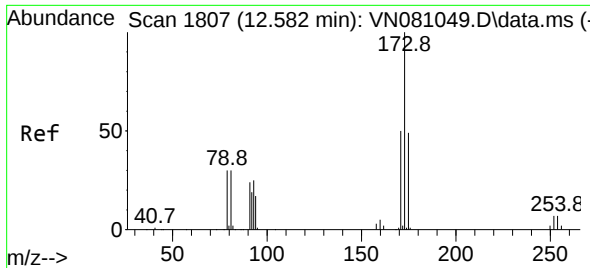
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 20.747 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

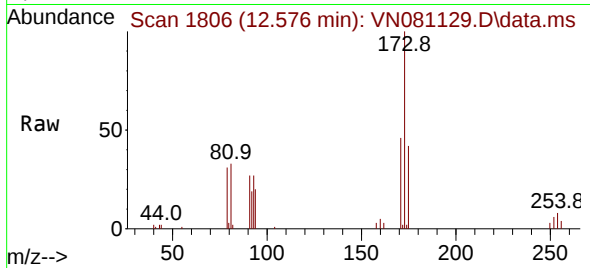
Tgt Ion:104 Resp: 247457
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.8
103 54.2 44.2 66.2





#71
Bromoform
Concen: 22.307 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

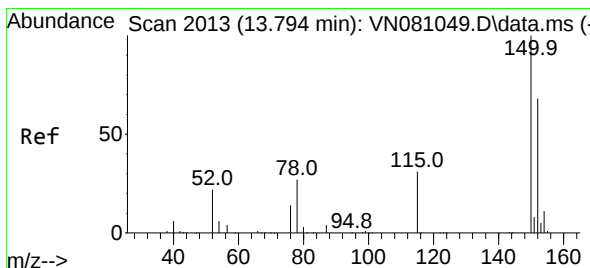
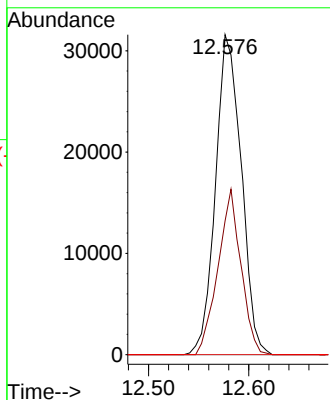
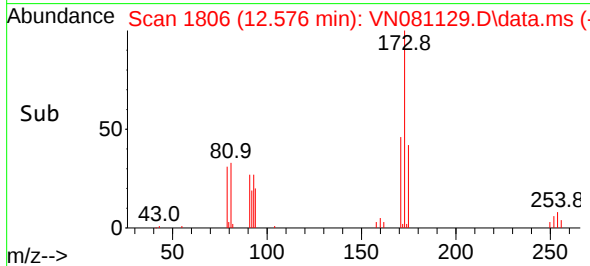
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



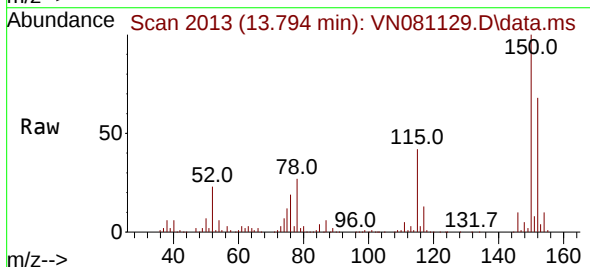
Tgt Ion:173 Resp: 56278
Ion Ratio Lower Upper
173 100
175 46.2 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

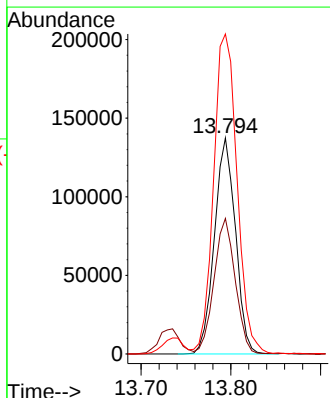
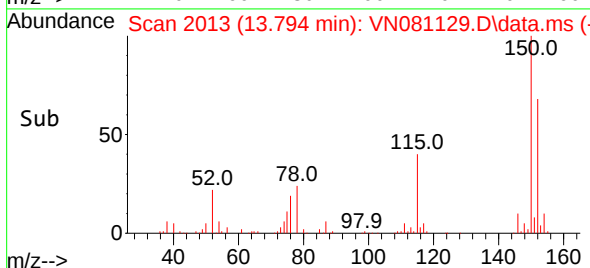
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

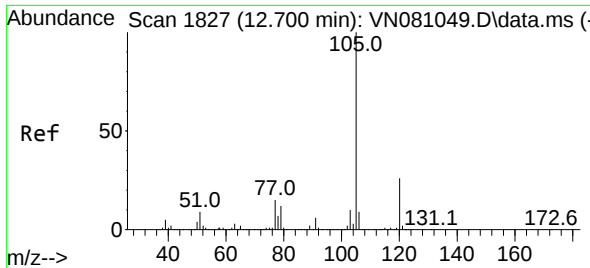


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



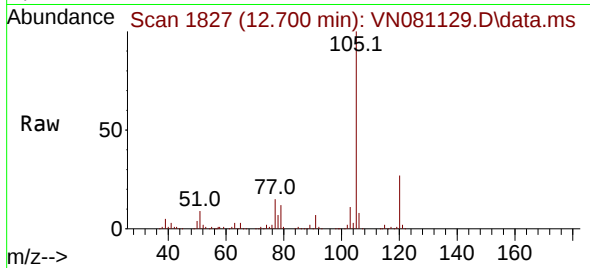
Tgt Ion:152 Resp: 223958
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 164.6 0.0 339.8





#73
Isopropylbenzene
Concen: 20.623 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

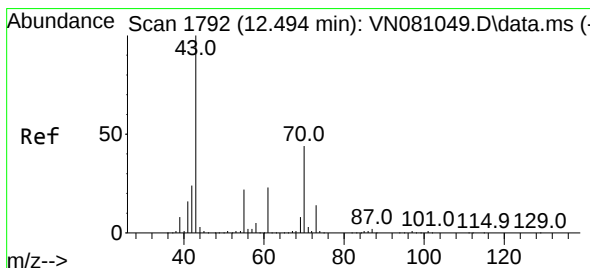
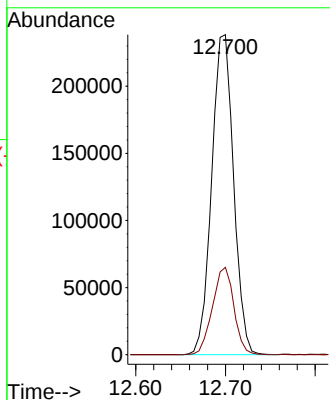
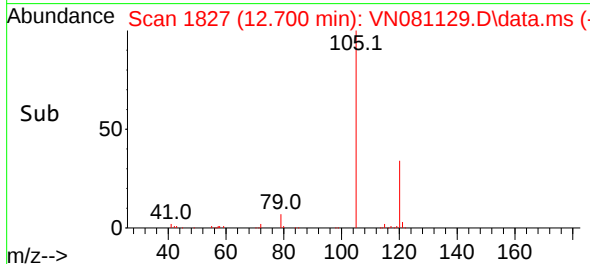
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion:105 Resp: 40411
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6

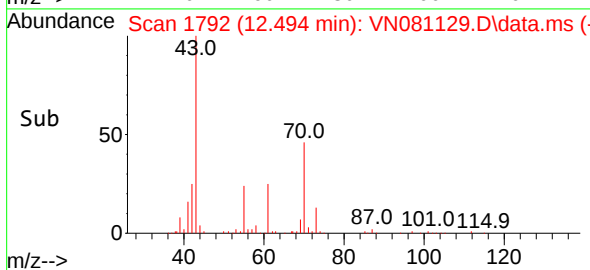
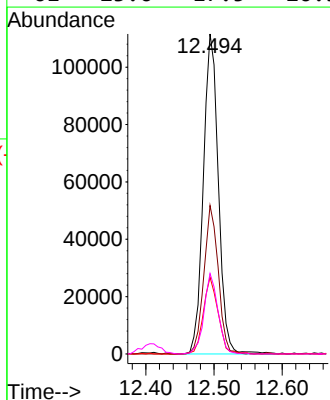
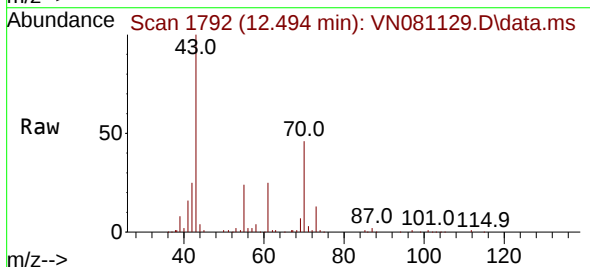
Manual Integrations
APPROVED

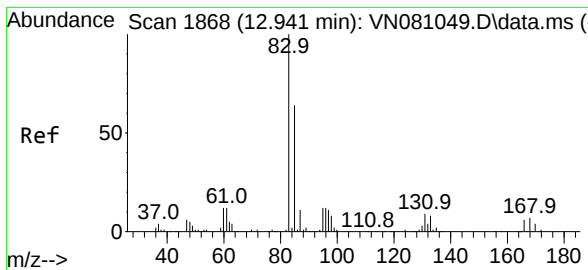
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#74
N-ethyl acetate
Concen: 20.701 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

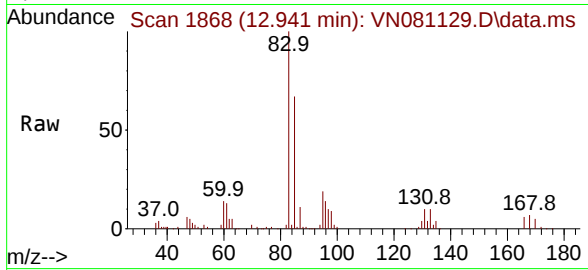
Tgt Ion: 43 Resp: 171435
Ion Ratio Lower Upper
43 100
70 44.3 30.1 45.1
55 23.5 17.0 25.4
61 23.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 22.330 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

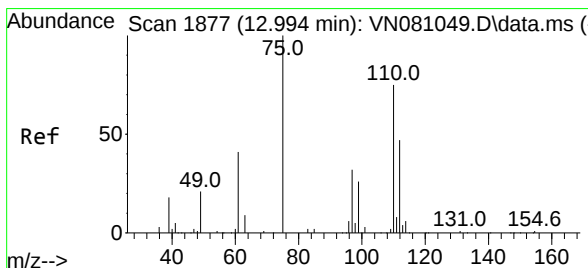
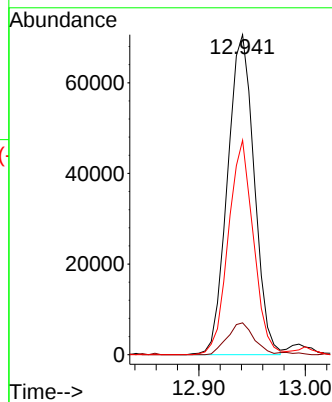
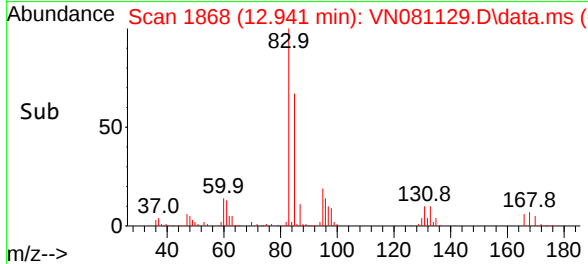
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 83 Resp: 123035
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 63.2 32.1 96.3

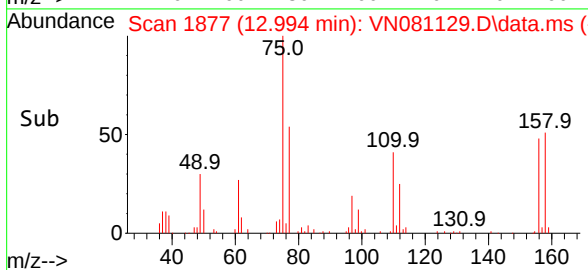
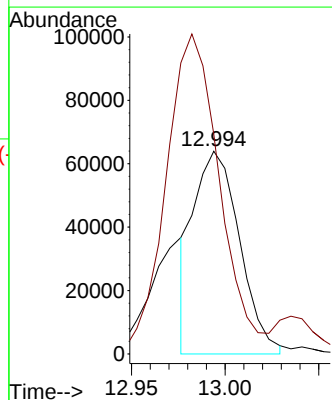
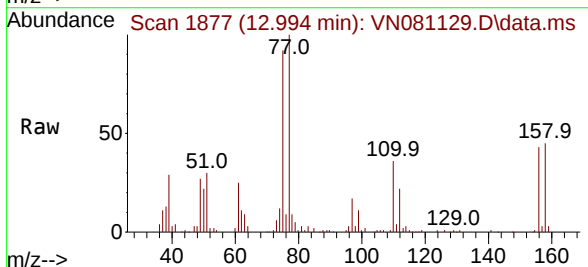
Manual Integrations
APPROVED

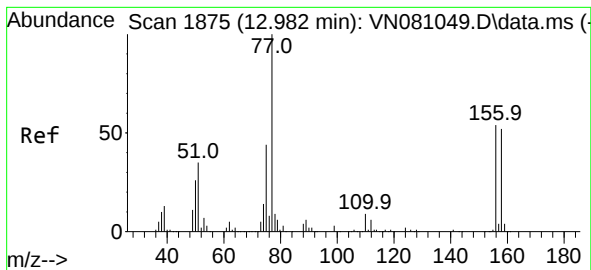
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 21.343 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 75 Resp: 108602
Ion Ratio Lower Upper
75 100
77 186.0 91.0 272.8





#77

Bromobenzene

Concen: 20.393 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

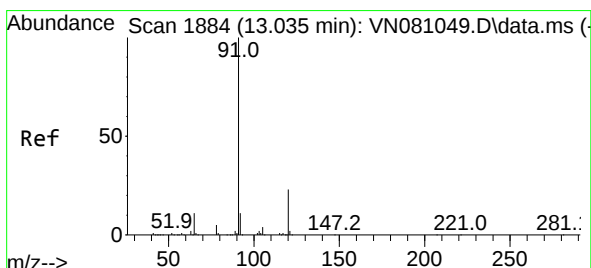
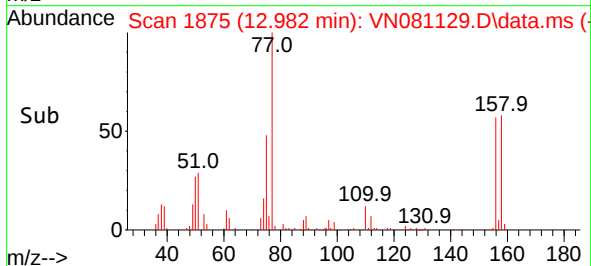
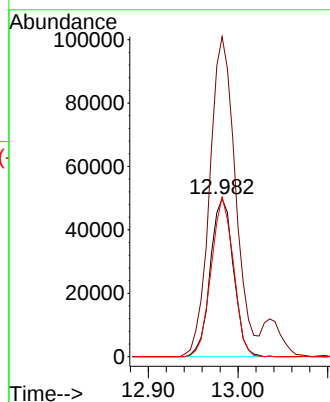
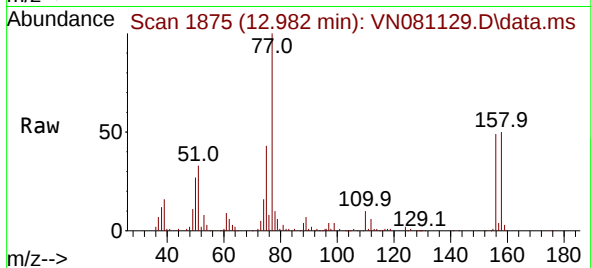
Tgt Ion:156 Resp: 89099
 Ion Ratio Lower Upper
 156 100
 77 226.7 138.1 414.3
 158 97.0 46.5 139.5

Manual Integrations

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Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 20.540 ug/l

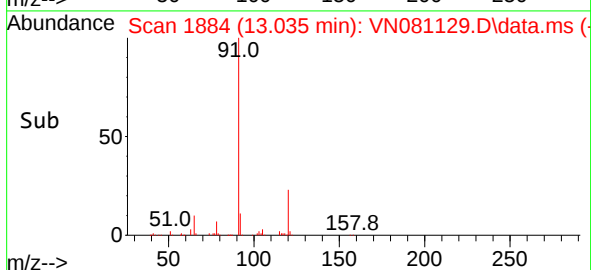
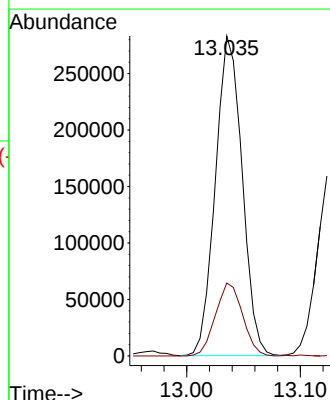
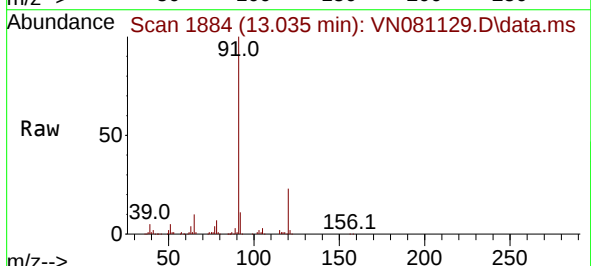
RT: 13.035 min Scan# 1884

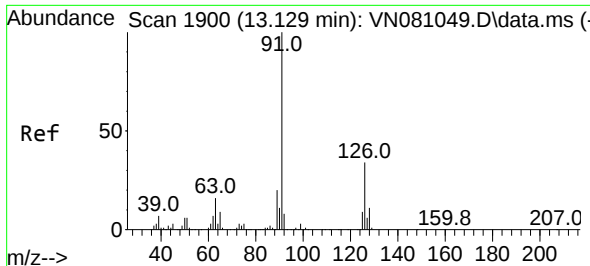
Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

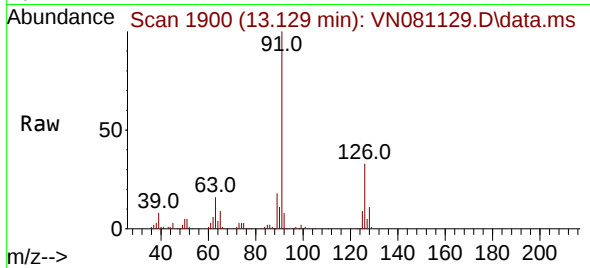
Tgt Ion: 91 Resp: 463330
 Ion Ratio Lower Upper
 91 100
 120 23.2 10.3 30.9





#79
2-Chlorotoluene
Concen: 20.451 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

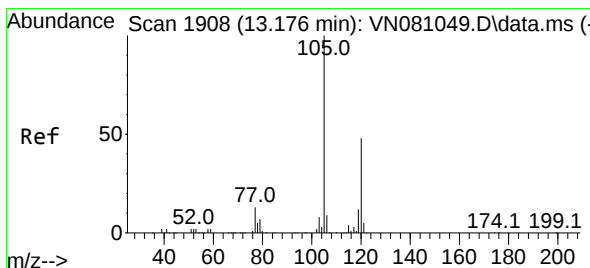
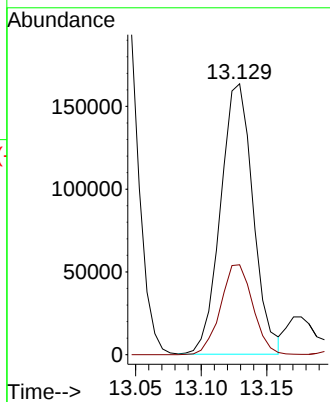
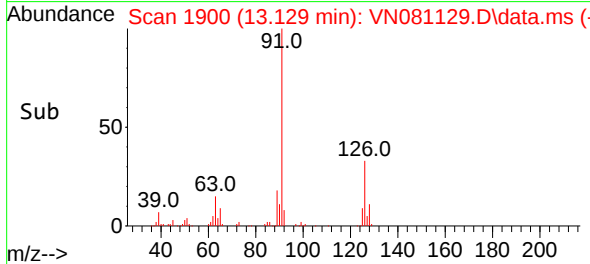
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



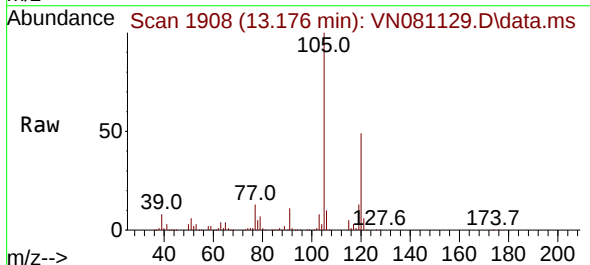
Tgt Ion: 91 Resp: 28296
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4

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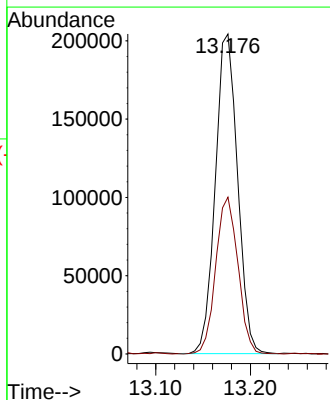
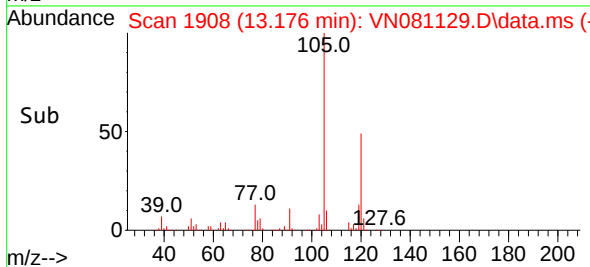
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

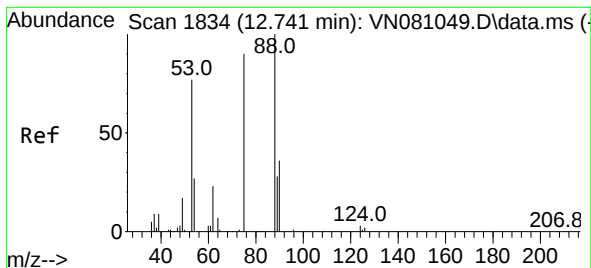


#80
1,3,5-Trimethylbenzene
Concen: 21.009 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



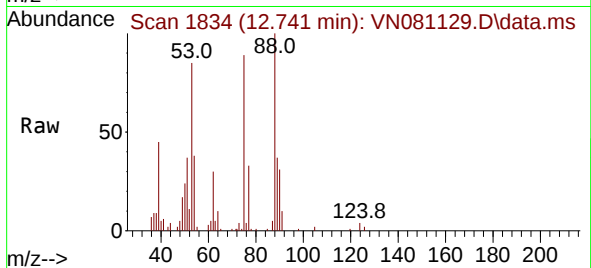
Tgt Ion:105 Resp: 333786
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.209 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

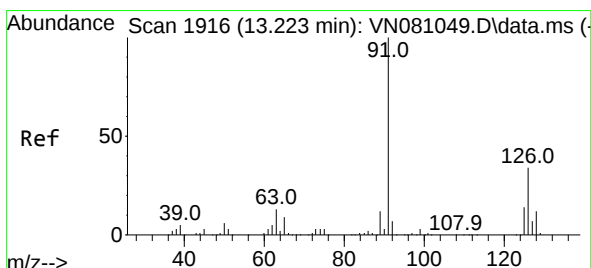
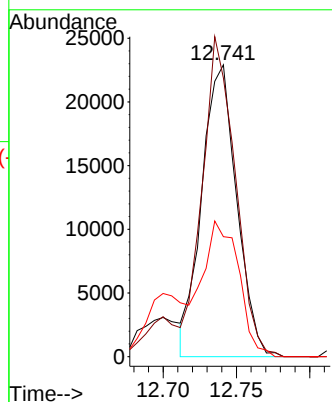
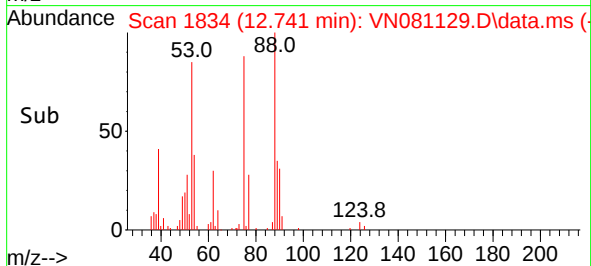
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



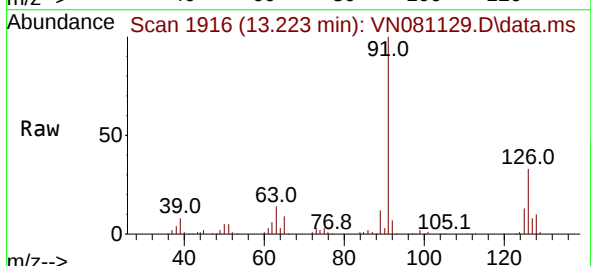
Tgt Ion: 75 Resp: 37975
Ion Ratio Lower Upper
75 100
53 103.5 71.4 107.2
89 47.6 33.4 50.0

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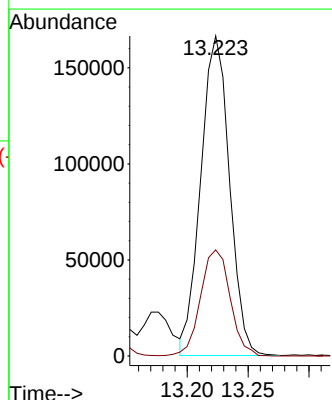
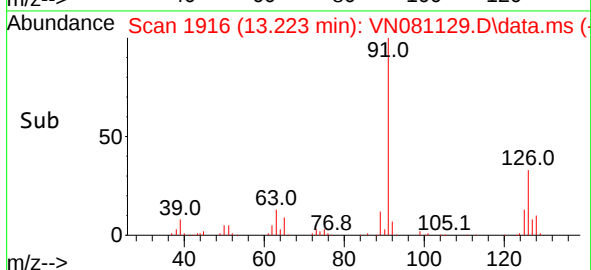
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

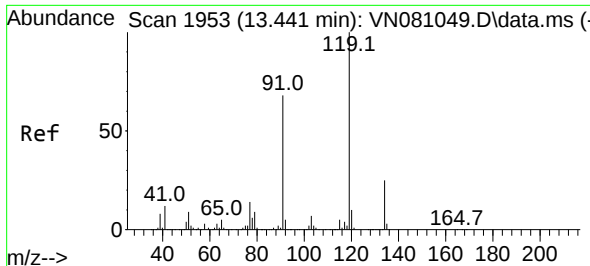


#82
4-Chlorotoluene
Concen: 20.167 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49



Tgt Ion: 91 Resp: 272830
Ion Ratio Lower Upper
91 100
126 34.3 15.3 45.9





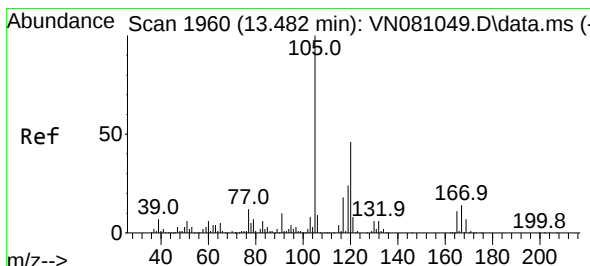
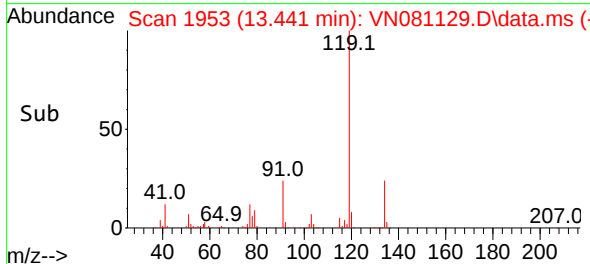
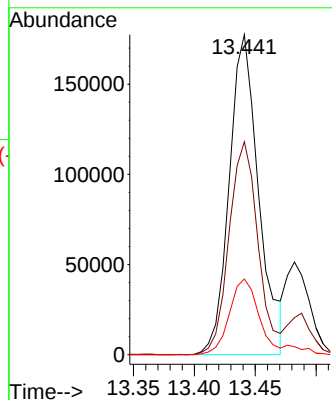
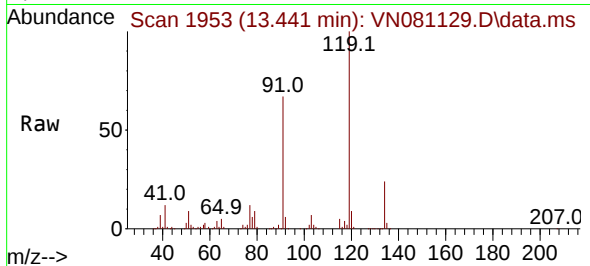
#83
tert-Butylbenzene
Concen: 21.774 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:119 Resp: 29912
Ion Ratio Lower Upper
119 100
91 65.6 36.8 110.4
134 25.4 12.4 37.4

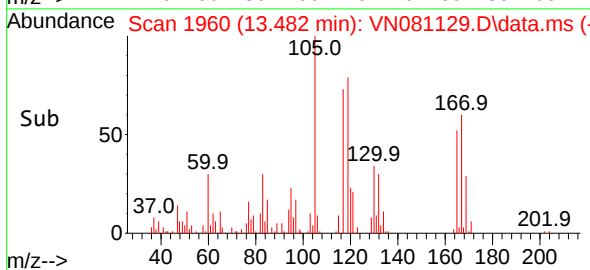
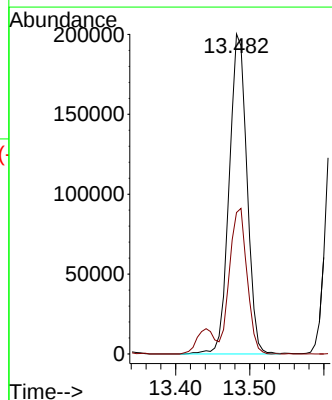
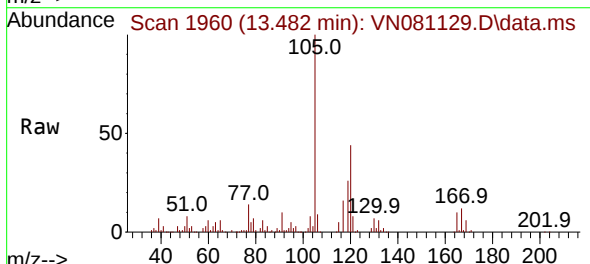
Manual Integrations
APPROVED

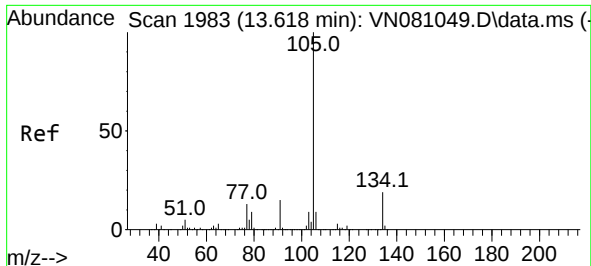
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.988 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:105 Resp: 332272
Ion Ratio Lower Upper
105 100
120 44.6 20.9 62.7





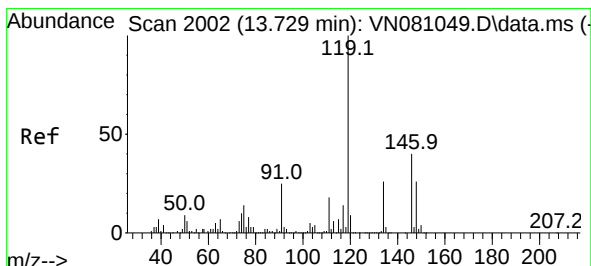
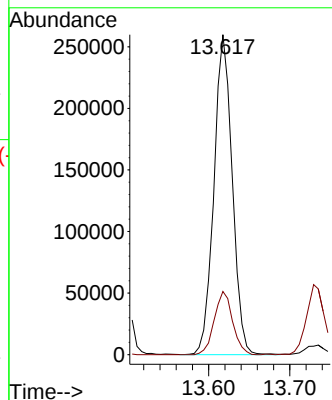
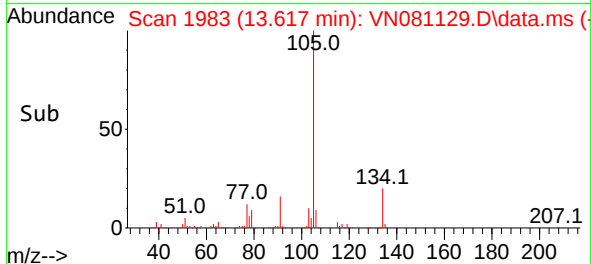
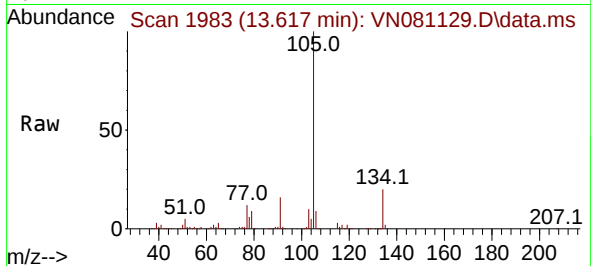
#85
 sec-Butylbenzene
 Concen: 21.359 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Tgt Ion:105 Resp: 407900
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

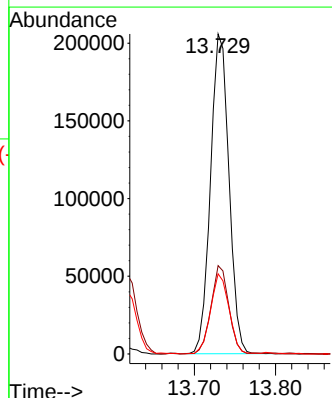
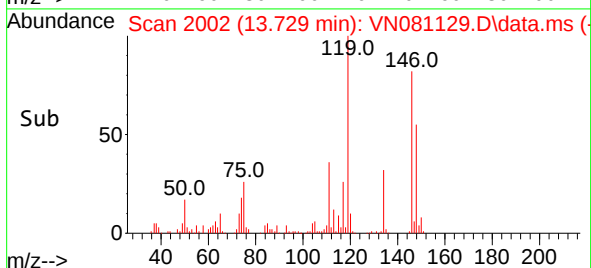
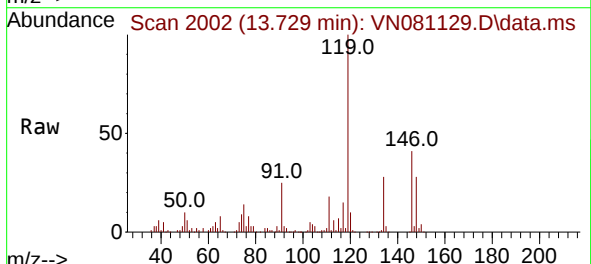
Manual Integrations
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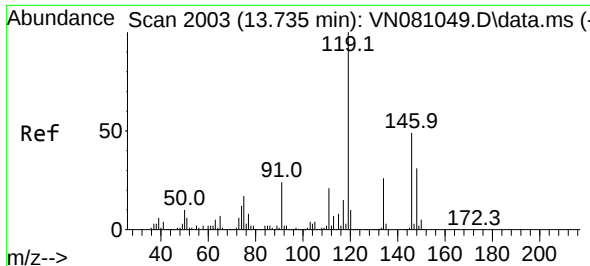
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#86
 p-Isopropyltoluene
 Concen: 20.471 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081129.D
 Acq: 22 Feb 2024 12:49

Tgt Ion:119 Resp: 324727
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.4 37.2
 91 25.1 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.755 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

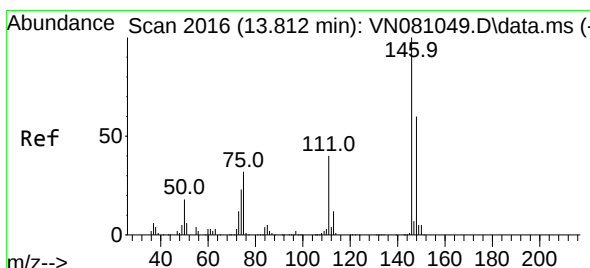
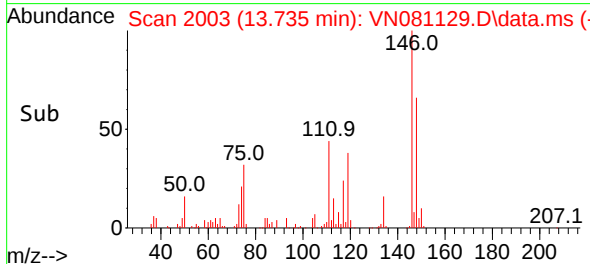
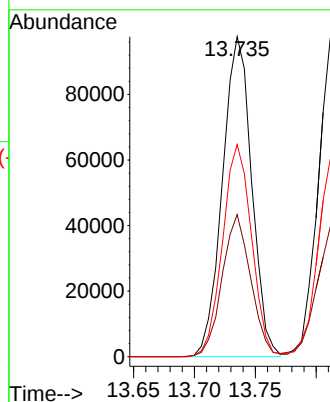
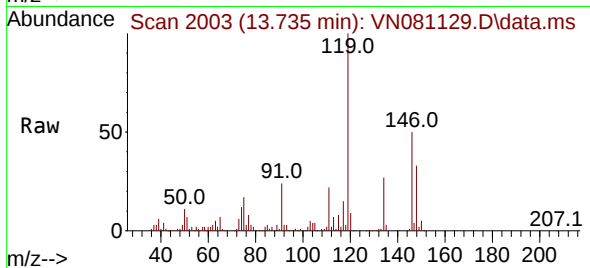
Tgt Ion:146 Resp: 163084
 Ion Ratio Lower Upper
 146 100
 111 43.6 23.9 71.7
 148 65.7 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 20.410 ug/l

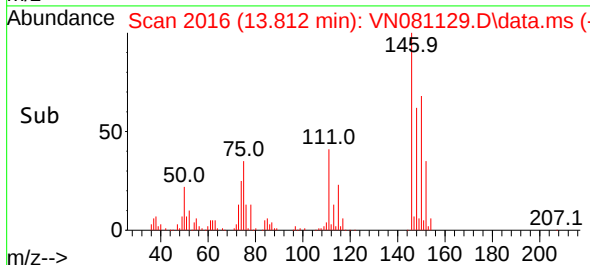
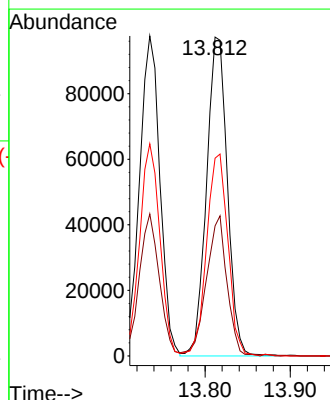
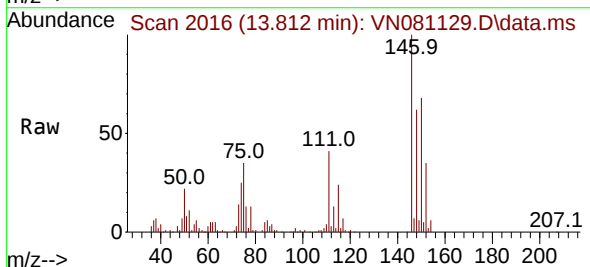
RT: 13.812 min Scan# 2016

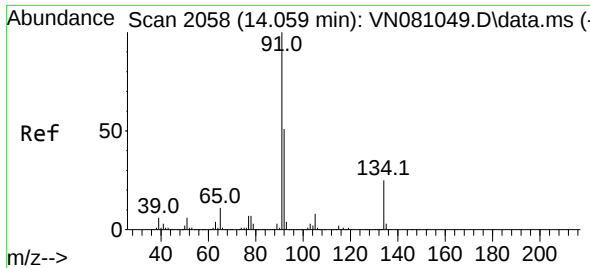
Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:146 Resp: 165562
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.6 67.7
 148 64.4 31.9 95.5





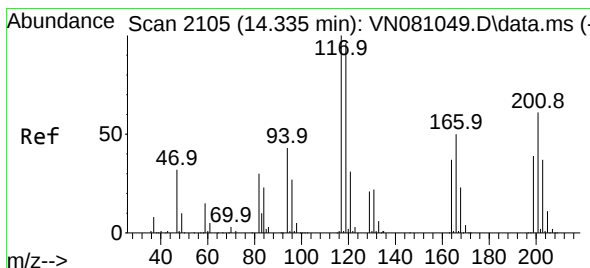
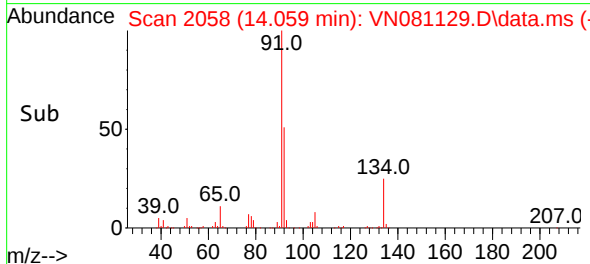
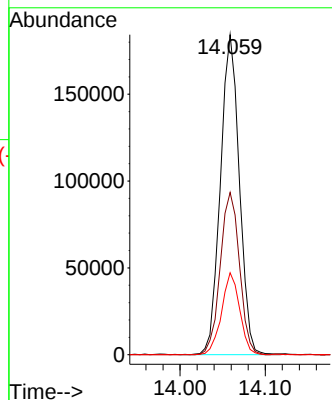
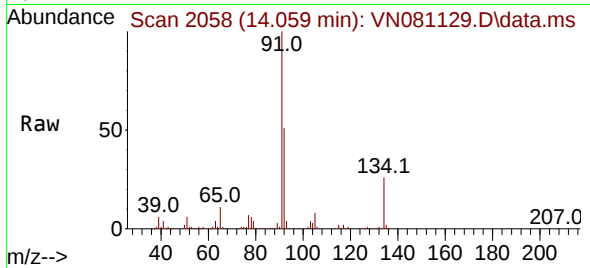
#89
n-Butylbenzene
Concen: 20.578 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 91 Resp: 284389
Ion Ratio Lower Upper
91 100
92 51.5 26.7 80.1
134 24.5 10.8 32.4

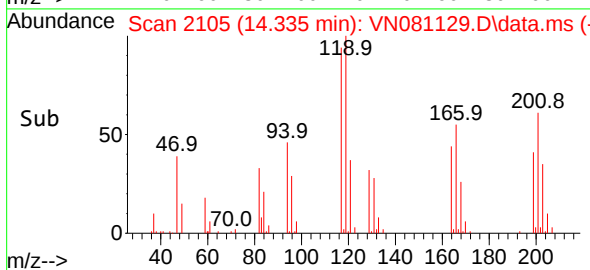
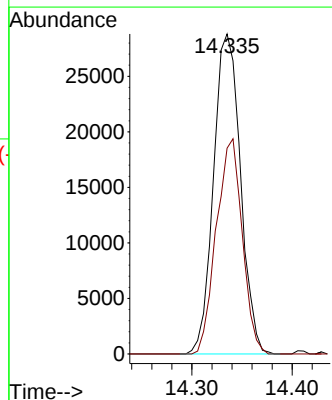
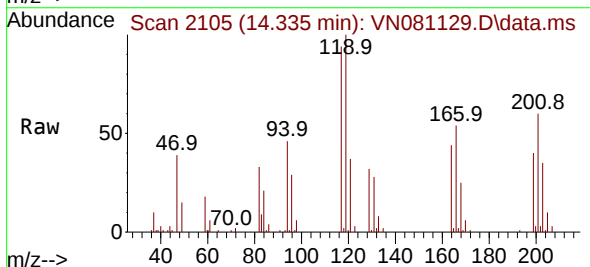
Manual Integrations
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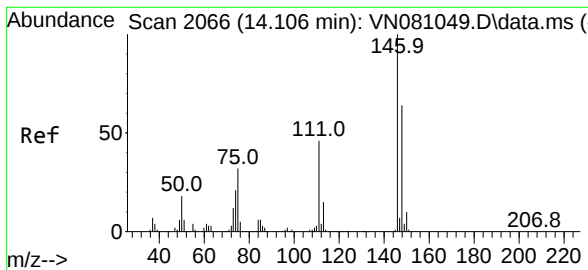
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 20.481 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion:117 Resp: 53703
Ion Ratio Lower Upper
117 100
201 64.8 30.0 90.0





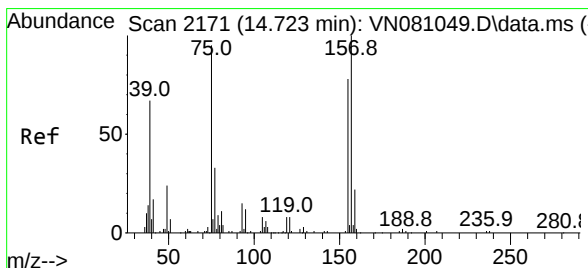
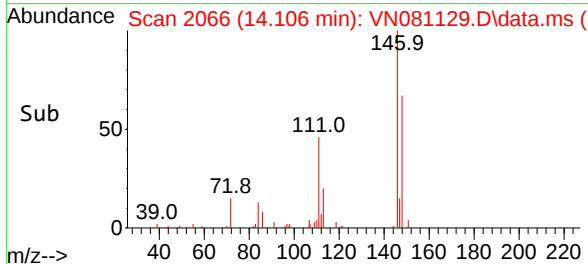
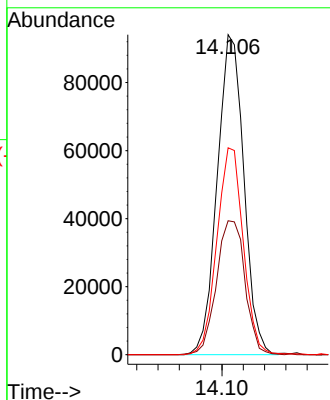
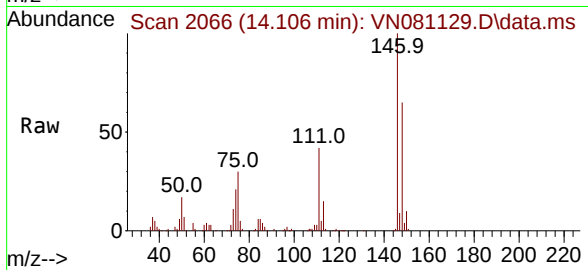
#91
1,2-Dichlorobenzene
Concen: 20.489 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:146 Resp: 163130
Ion Ratio Lower Upper
146 100
111 44.7 23.9 71.8
148 64.2 31.4 94.0

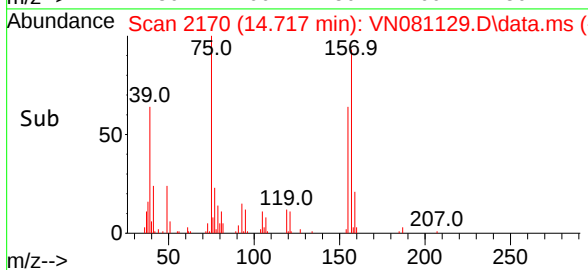
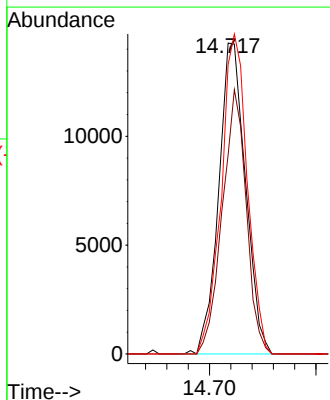
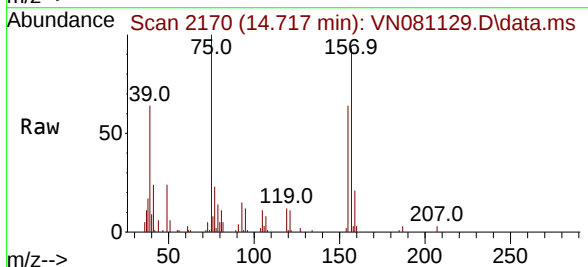
Manual Integrations
APPROVED

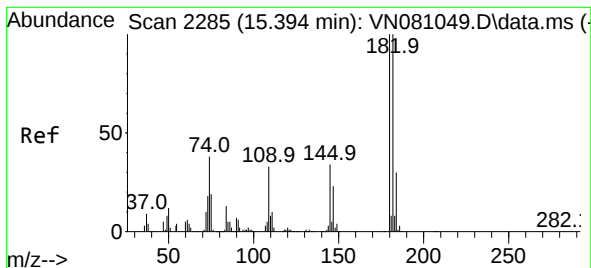
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.840 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081129.D
Acq: 22 Feb 2024 12:49

Tgt Ion: 75 Resp: 25019
Ion Ratio Lower Upper
75 100
155 76.0 31.8 95.4
157 99.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.096 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

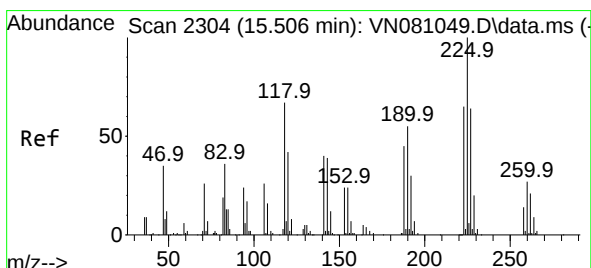
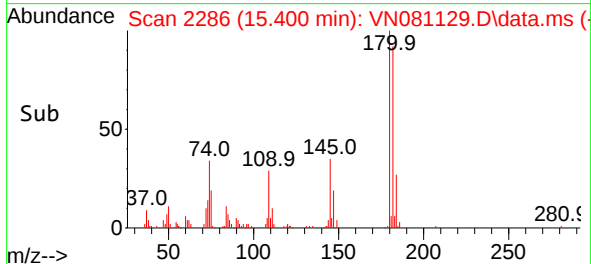
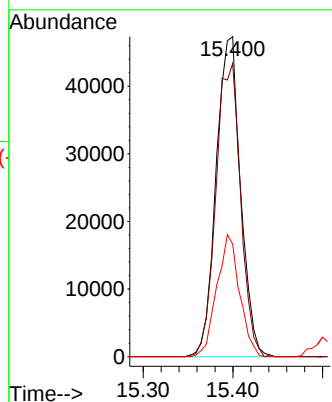
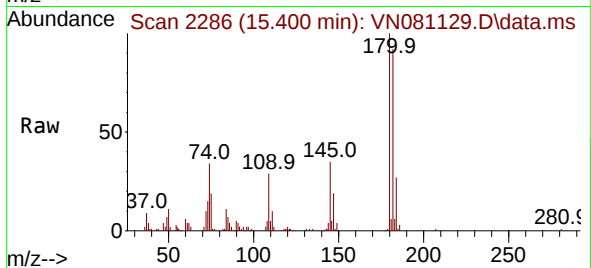
Tgt Ion:	180	Resp:	8926
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.6	139.7
145	35.7	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 19.111 ug/l

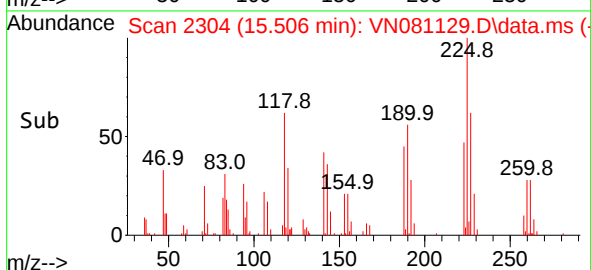
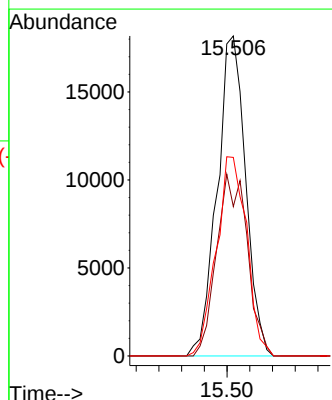
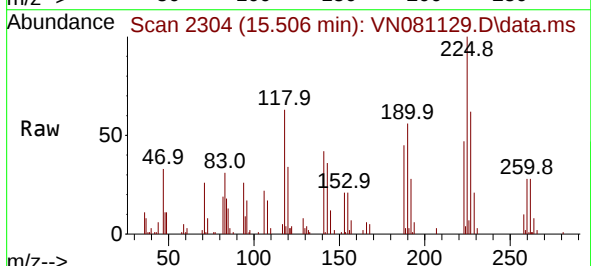
RT: 15.506 min Scan# 2304

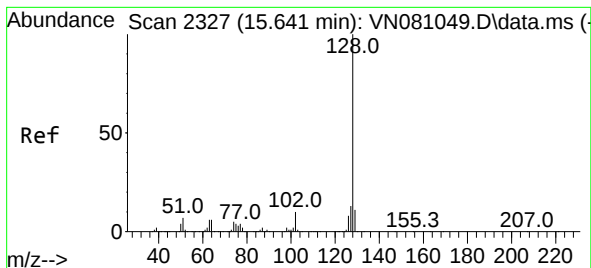
Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:	225	Resp:	31659
Ion Ratio	Lower	Upper	
225	100		
223	61.4	33.3	99.8
227	66.3	33.1	99.2





#95

Naphthalene

Concen: 20.856 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

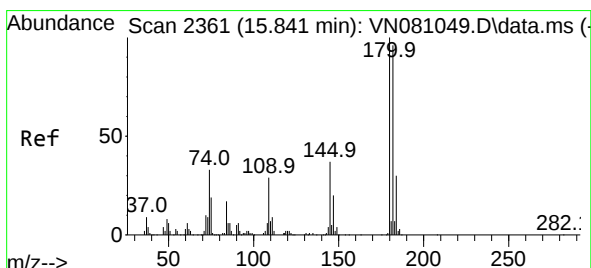
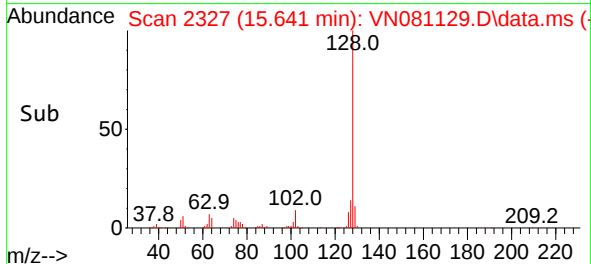
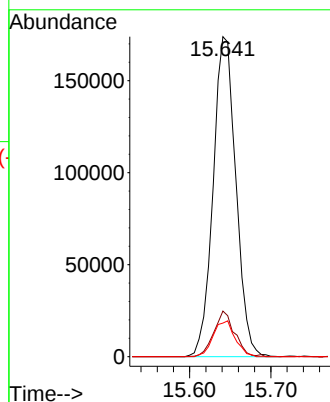
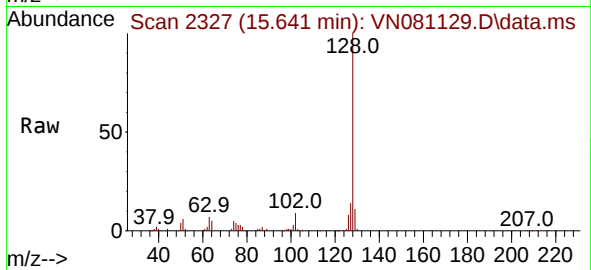
Tgt Ion:128 Resp: 33948
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.0 15.0
 129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.955 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081129.D

Acq: 22 Feb 2024 12:49

Tgt Ion:180 Resp: 92338
 Ion Ratio Lower Upper
 180 100
 182 91.4 46.5 139.3
 145 34.7 17.8 53.4

