

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081459.D
 Acq On : 18 Mar 2024 19:14
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031824

Quant Time: Mar 19 06:02:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	425301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	726602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	670244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	268296	49.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.165	113	232576	50.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	10.571	98	838829	50.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.853	95	305293	52.268	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	247993	43.305	ug/l	92
3) Chloromethane	2.359	50	251288	44.072	ug/l	100
4) Vinyl Chloride	2.518	62	287792	44.975	ug/l	96
5) Bromomethane	2.948	94	185598	41.013	ug/l	88
6) Chloroethane	3.118	64	196241	44.667	ug/l	95
7) Trichlorofluoromethane	3.500	101	438297	45.959	ug/l	93
8) Diethyl Ether	3.959	74	145951	46.244	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	243652	44.965	ug/l #	89
10) Methyl Iodide	4.589	142	267655	49.601	ug/l	100
11) Tert butyl alcohol	5.518	59	216169	228.707	ug/l	99
12) 1,1-Dichloroethene	4.342	96	233716	46.564	ug/l	83
13) Acrolein	4.177	56	212486	250.534	ug/l	98
14) Allyl chloride	5.024	41	281608	44.775	ug/l #	80
15) Acrylonitrile	5.724	53	595575	235.536	ug/l	96
16) Acetone	4.424	43	428945	244.718	ug/l	98
17) Carbon Disulfide	4.718	76	627423	43.560	ug/l	98
18) Methyl Acetate	5.024	43	266547	49.325	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	747813	47.606	ug/l	98
20) Methylene Chloride	5.277	84	262328	45.689	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	256902	45.905	ug/l	90
22) Diisopropyl ether	6.677	45	710045	48.588	ug/l #	94
23) Vinyl Acetate	6.600	43	2834428	243.672	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	448722	45.844	ug/l	96
25) 2-Butanone	7.483	43	731457	243.297	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	383355	45.157	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	297091	46.919	ug/l	85
28) Bromochloromethane	7.812	49	186300	46.730	ug/l #	53
29) Tetrahydrofuran	7.835	42	494144	243.981	ug/l #	80
30) Chloroform	7.965	83	489567	46.722	ug/l	99
31) Cyclohexane	8.259	56	386971	43.845	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	446941	47.014	ug/l	93
36) 1,1-Dichloropropene	8.371	75	357880	46.376	ug/l	95
37) Ethyl Acetate	7.559	43	310772	47.029	ug/l	99
38) Carbon Tetrachloride	8.365	117	386527	45.723	ug/l	89
39) Methylcyclohexane	9.600	83	420668	48.813	ug/l	86
40) Benzene	8.606	78	1066195	47.258	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	171806	49.163	ug/l	91
42) 1,2-Dichloroethane	8.671	62	370018	46.603	ug/l	97
43) Isopropyl Acetate	8.688	43	510063	46.566	ug/l #	91
44) Trichloroethene	9.353	130	284750	44.875	ug/l	100
45) 1,2-Dichloropropane	9.624	63	262826	48.068	ug/l	96
46) Dibromomethane	9.712	93	194594	46.863	ug/l #	86
47) Bromodichloromethane	9.888	83	392302	48.322	ug/l #	99
48) Methyl methacrylate	9.682	41	244228	48.341	ug/l #	83
49) 1,4-Dioxane	9.700	88	117004	963.685	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1630665	243.972	ug/l	92
52) Toluene	10.635	92	690899	48.181	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	408213	46.565	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	439305	46.739	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	269635	46.723	ug/l	94
56) Ethyl methacrylate	10.876	69	386892	45.504	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	454701	48.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	995366	274.113	ug/l #	85
59) 2-Hexanone	11.194	43	1230806	249.070	ug/l	91
60) Dibromochloromethane	11.359	129	295869	46.618	ug/l	100
61) 1,2-Dibromoethane	11.470	107	279505	47.506	ug/l	97
64) Tetrachloroethene	11.106	164	295064	46.056	ug/l	95
65) Chlorobenzene	11.894	112	730806	46.123	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	275748	46.956	ug/l	97
67) Ethyl Benzene	11.965	91	1318482	47.905	ug/l	98
68) m/p-Xylenes	12.070	106	1024409	99.284	ug/l	94
69) o-Xylene	12.400	106	493174	48.687	ug/l	93
70) Styrene	12.412	104	825066	50.503	ug/l	96
71) Bromoform	12.582	173	205450	46.557	ug/l #	96
73) Isopropylbenzene	12.700	105	1298875	47.433	ug/l	98
74) N-amyl acetate	12.494	43	467727	47.199	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	351388	43.644	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	343681m	44.725	ug/l	
77) Bromobenzene	12.982	156	308162	45.556	ug/l	71
78) n-propylbenzene	13.035	91	1545580	47.794	ug/l	96
79) 2-Chlorotoluene	13.129	91	897722	46.382	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1100205	48.644	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	132342	46.540	ug/l	95
82) 4-Chlorotoluene	13.223	91	899540	47.140	ug/l	94
83) tert-Butylbenzene	13.441	119	928519	47.607	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1117674	49.167	ug/l	98
85) sec-Butylbenzene	13.617	105	1342372	48.146	ug/l	94
86) p-Isopropyltoluene	13.729	119	1120209	49.150	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	574572	46.231	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	562783	43.732	ug/l	96
89) n-Butylbenzene	14.059	91	967750	47.885	ug/l	97
90) Hexachloroethane	14.335	117	196670	45.564	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	550550	46.024	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76195	44.469	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	310291	44.861	ug/l	98
94) Hexachlorobutadiene	15.506	225	126207	41.587	ug/l	96
95) Naphthalene	15.641	128	1075739	47.998	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	311980	44.843	ug/l	99

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Response via : Initial Calibration

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

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Manual Integrations

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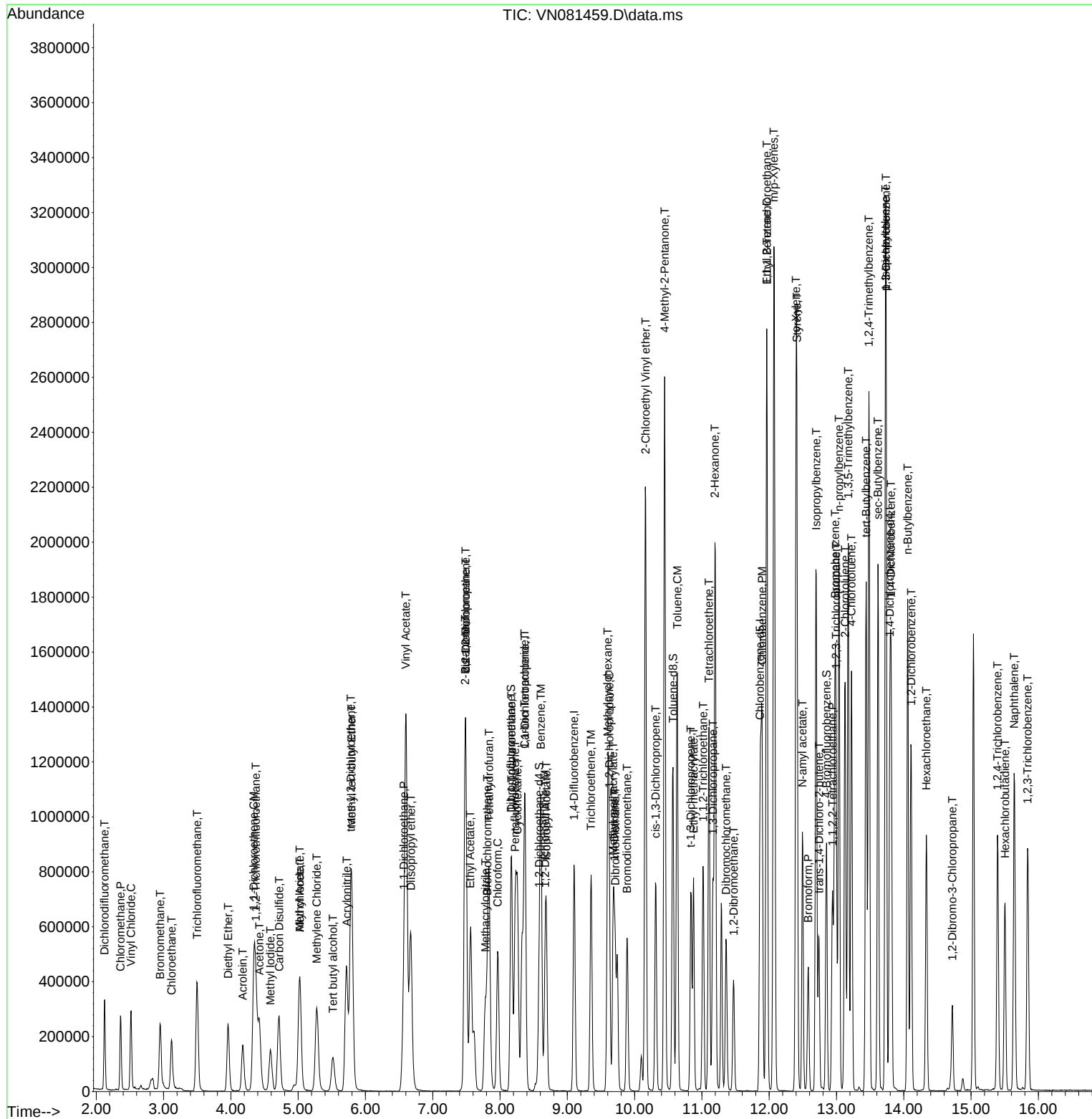
Quant Time: Mar 19 06:02:27 2024

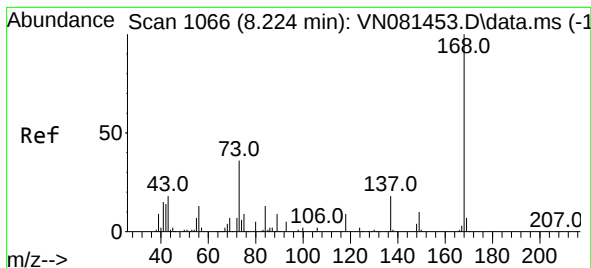
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 19 06:00:00 2024

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

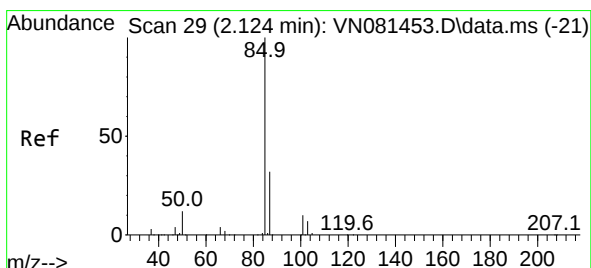
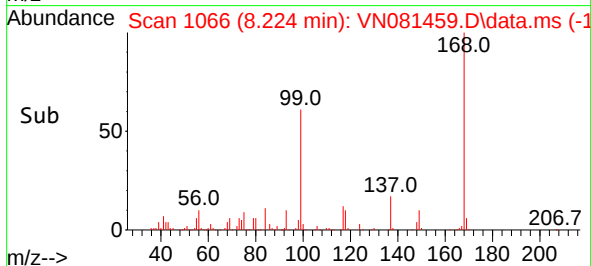
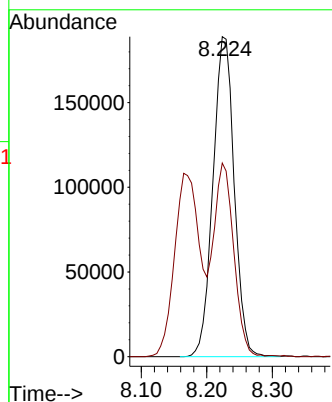
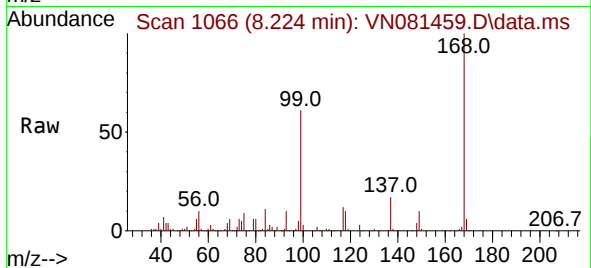
ICVVN031824

Tgt Ion:168 Resp: 42530
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9

Manual Integrations

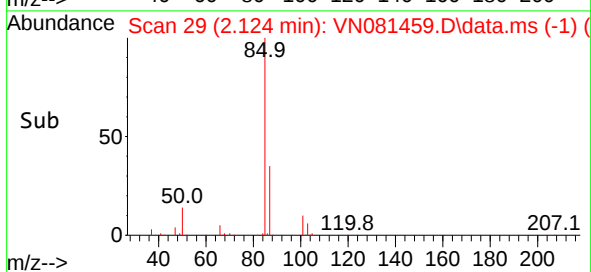
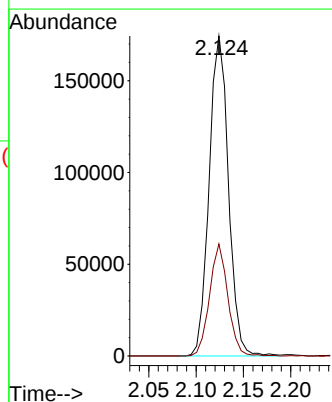
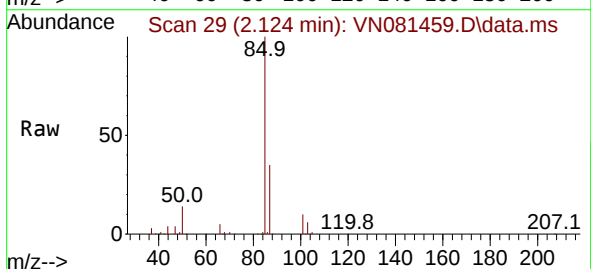
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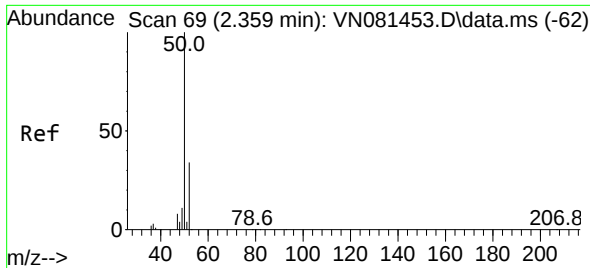
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#2
Dichlorodifluoromethane
Concen: 43.305 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

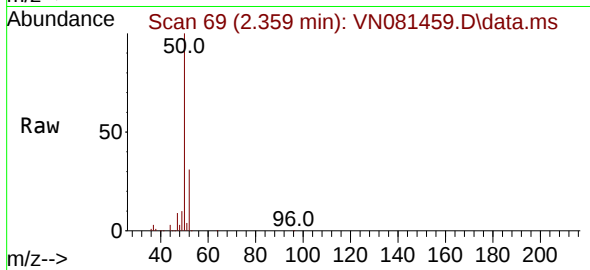
Tgt Ion: 85 Resp: 247993
Ion Ratio Lower Upper
85 100
87 35.0 15.3 45.9





#3
Chloromethane
Concen: 44.072 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

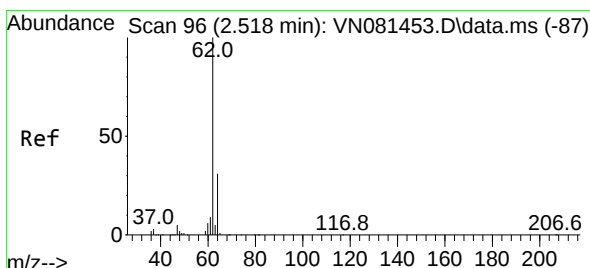
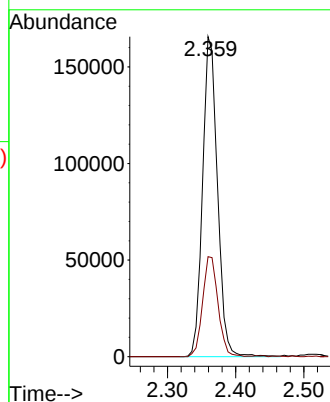
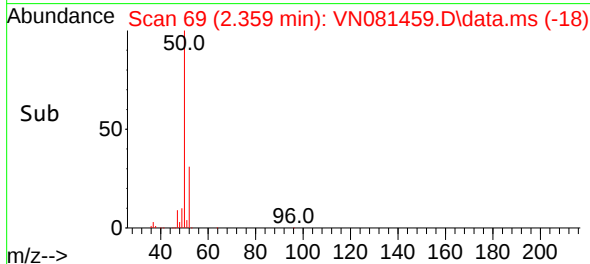
Instrument :
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Tgt Ion: 50 Resp: 251288
Ion Ratio Lower Upper
50 100
52 31.3 25.0 37.4

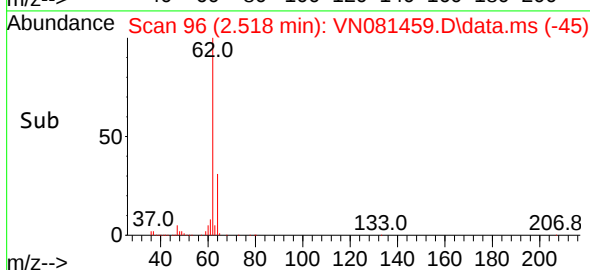
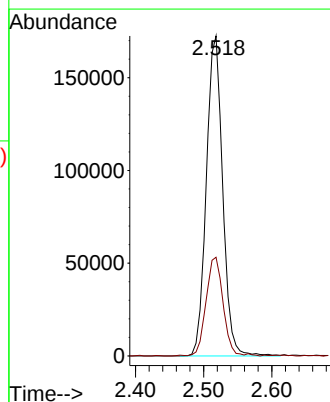
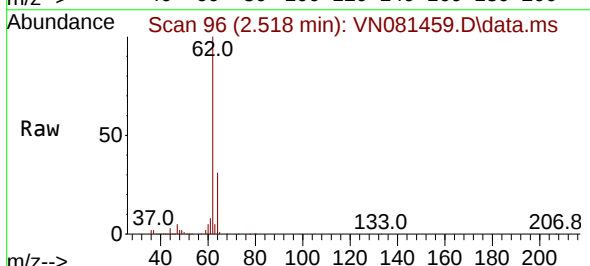
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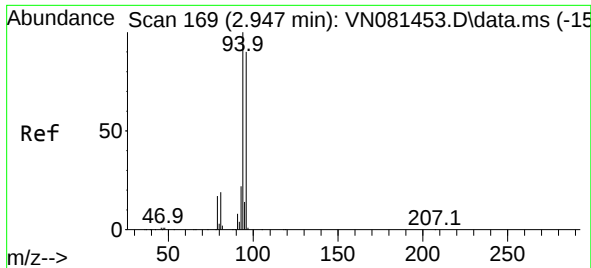
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#4
Vinyl Chloride
Concen: 44.975 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

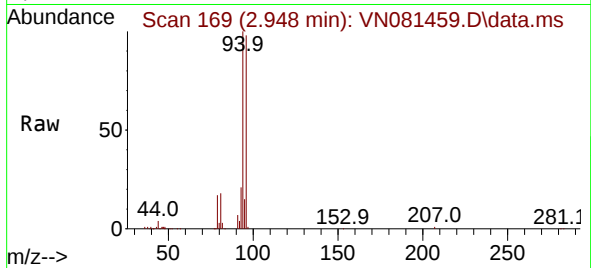
Tgt Ion: 62 Resp: 287792
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1





#5
Bromomethane
Concen: 41.013 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

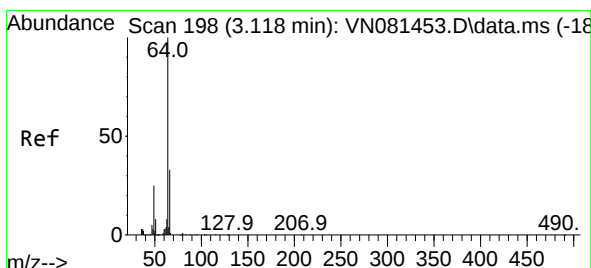
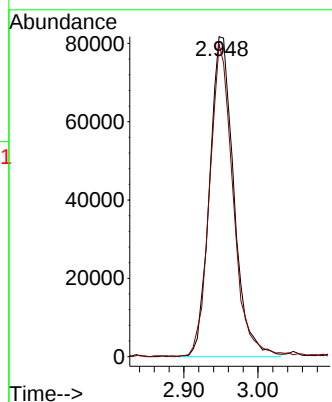
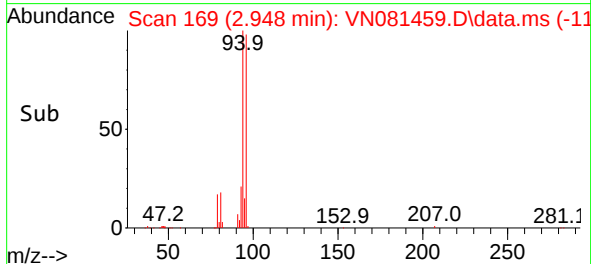
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Tgt Ion: 94 Resp: 185598
Ion Ratio Lower Upper
94 100
96 97.3 69.2 103.8

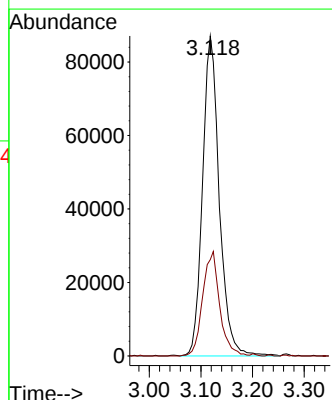
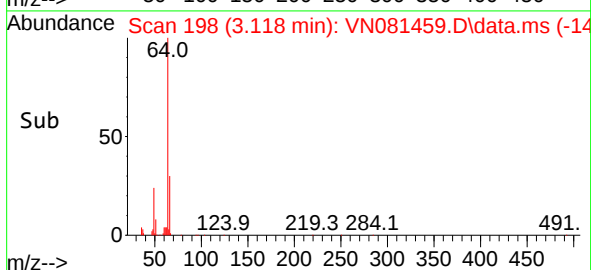
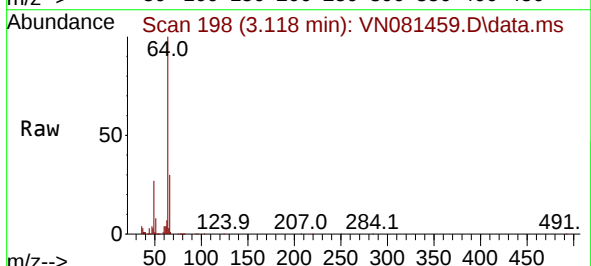
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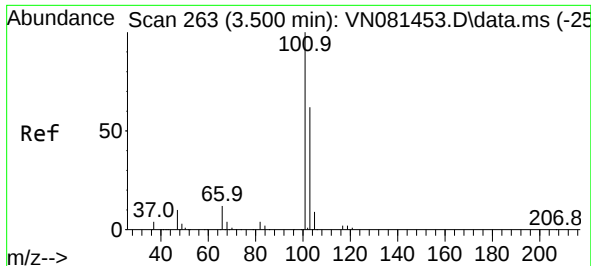
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#6
Chloroethane
Concen: 44.667 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion: 64 Resp: 196241
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6





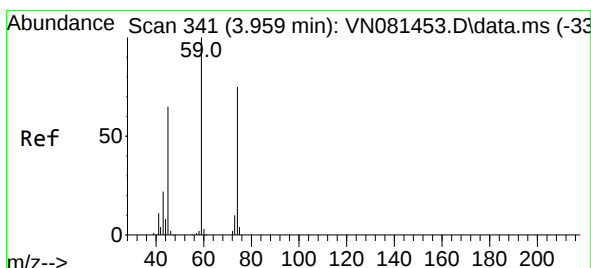
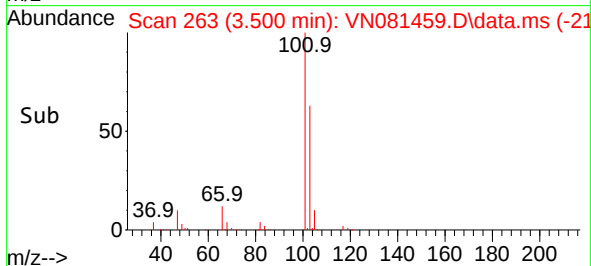
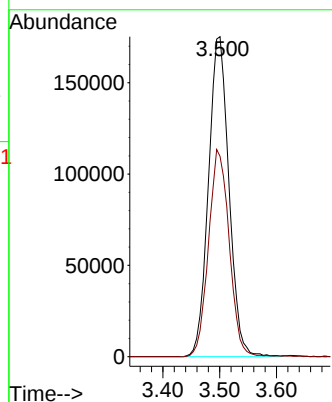
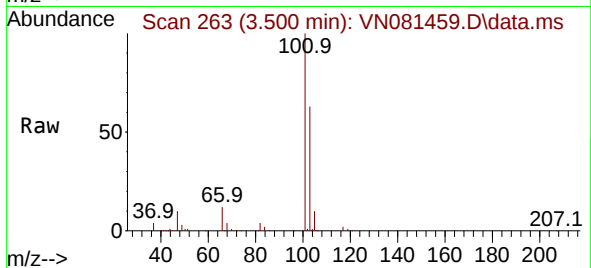
#7
Trichlorofluoromethane
Concen: 45.959 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :
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Tgt Ion:101 Resp: 43829
Ion Ratio Lower Upper
101 100
103 62.6 54.4 81.6

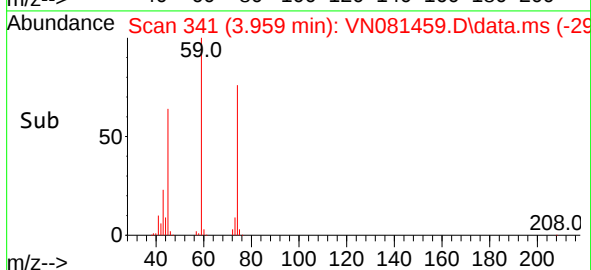
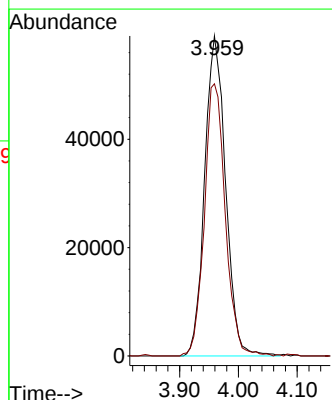
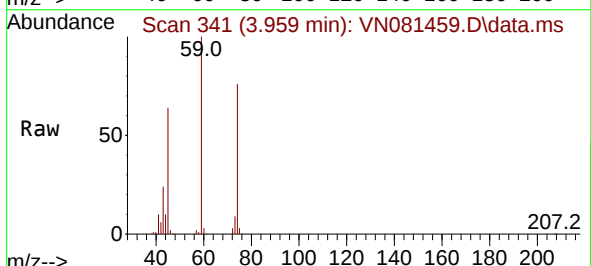
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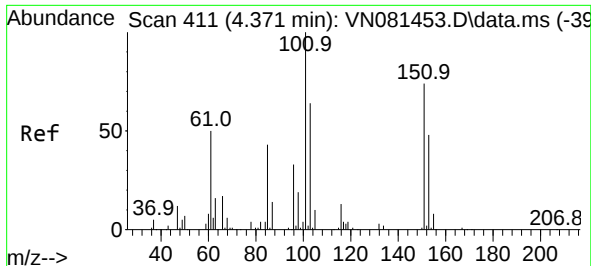
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#8
Diethyl Ether
Concen: 46.244 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion: 74 Resp: 145951
Ion Ratio Lower Upper
74 100
45 85.1 53.3 159.9





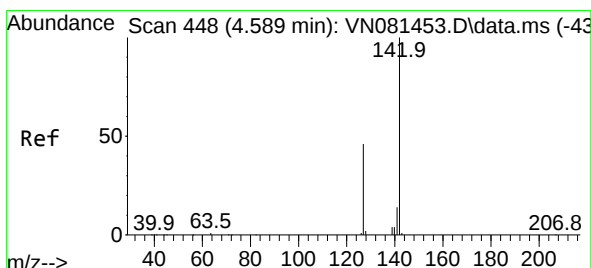
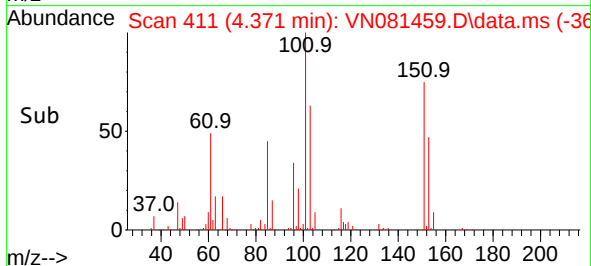
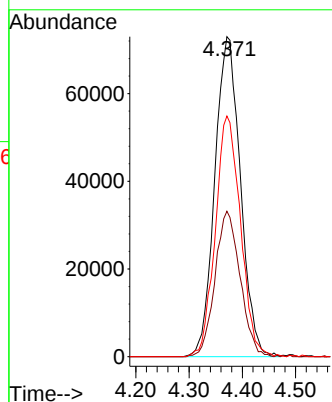
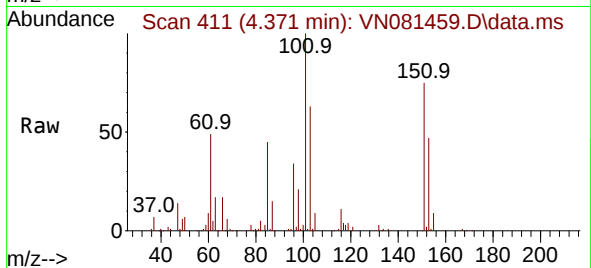
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.965 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824

Tgt Ion:101 Resp: 243652
Ion Ratio Lower Upper
101 100
85 44.5 38.1 57.1
151 74.1 49.1 73.7

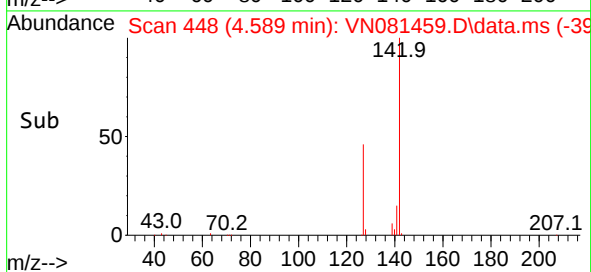
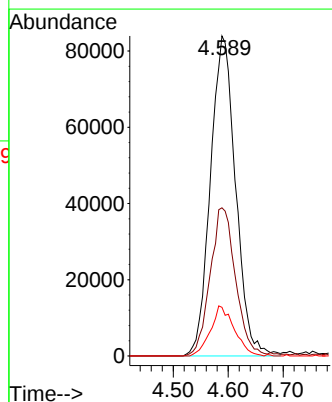
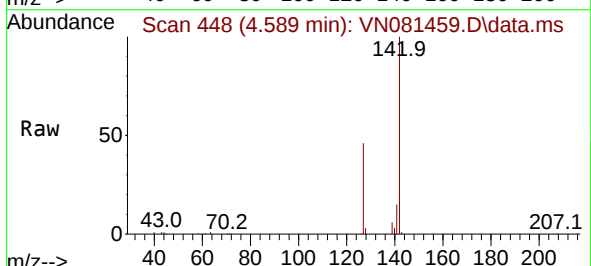
Manual Integrations
APPROVED

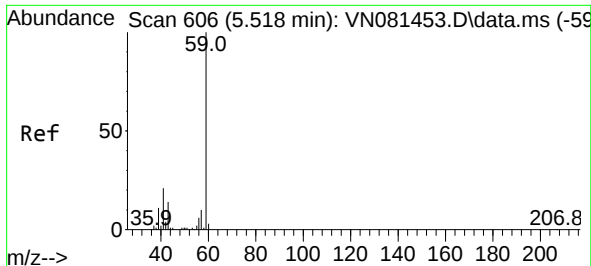
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#10
Methyl Iodide
Concen: 49.601 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

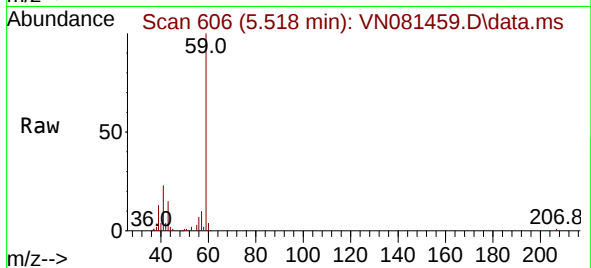
Tgt Ion:142 Resp: 267655
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.4
141 15.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 228.707 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

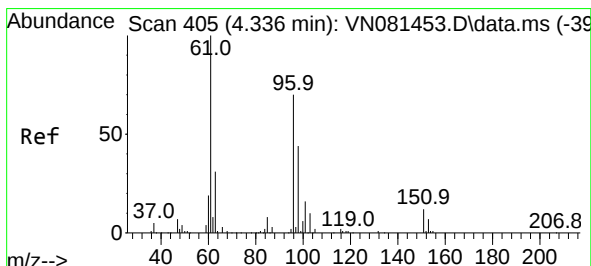
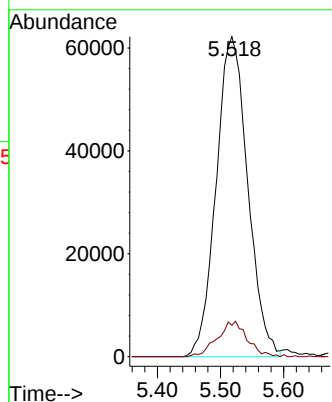
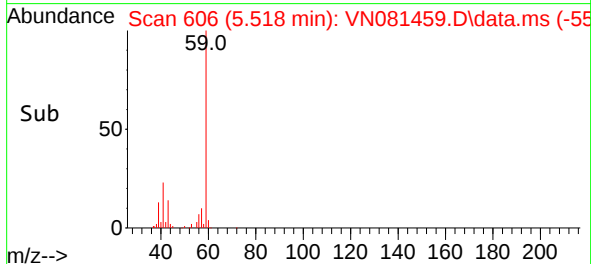
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



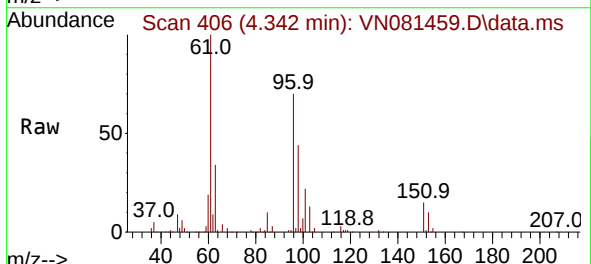
Tgt Ion: 59 Resp: 216169
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
APPROVED

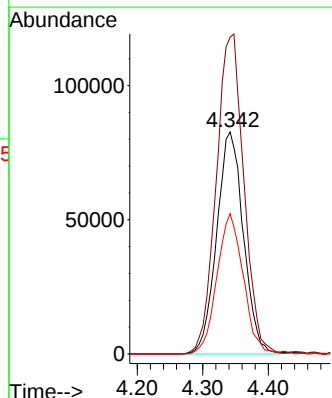
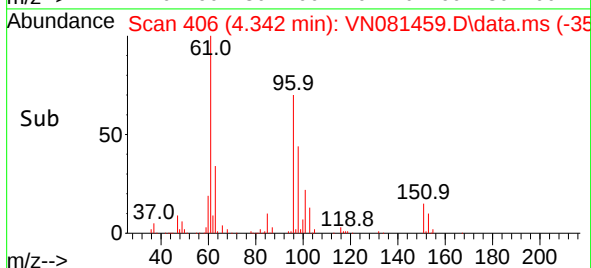
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

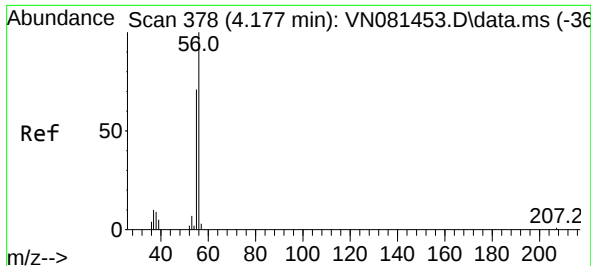


#12
1,1-Dichloroethene
Concen: 46.564 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



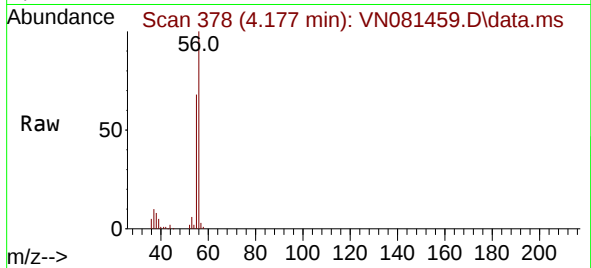
Tgt Ion: 96 Resp: 233716
Ion Ratio Lower Upper
96 100
61 142.8 138.2 207.4
98 63.3 49.2 73.8





#13
Acrolein
Concen: 250.534 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

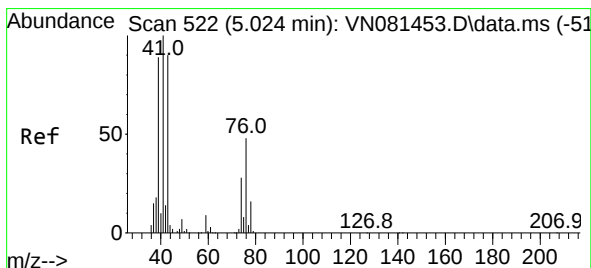
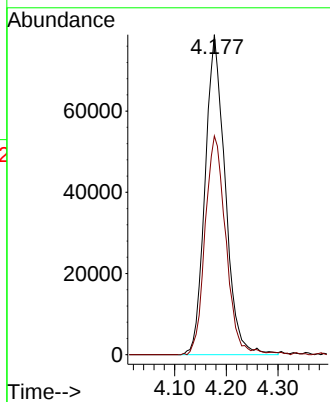
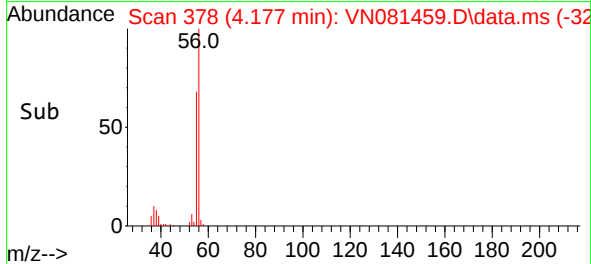
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 56 Resp: 212480
Ion Ratio Lower Upper
56 100
55 70.4 55.3 82.9

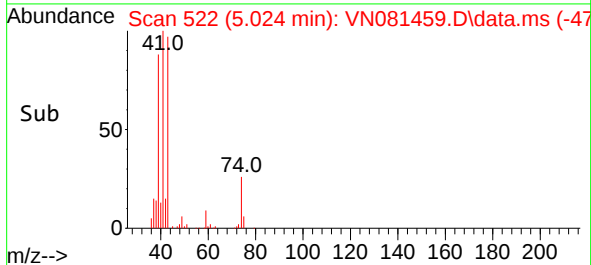
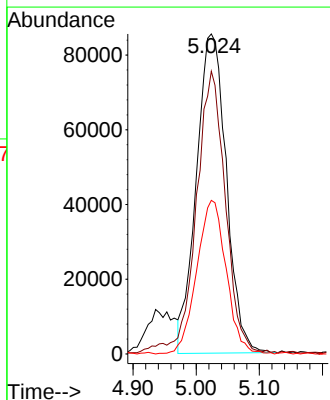
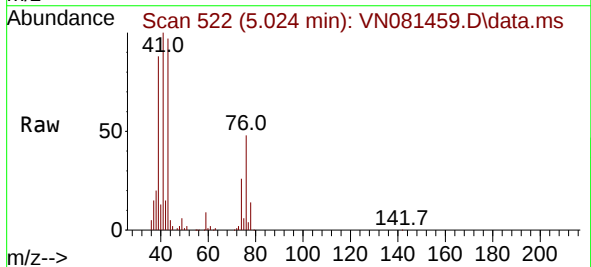
Manual Integrations
APPROVED

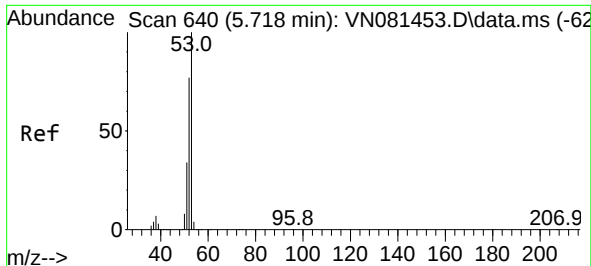
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#14
Allyl chloride
Concen: 44.775 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

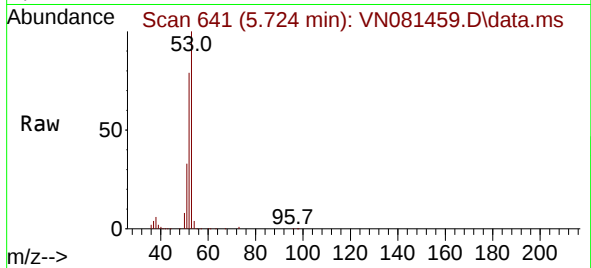
Tgt Ion: 41 Resp: 281608
Ion Ratio Lower Upper
41 100
39 87.2 57.7 86.5#
76 47.4 26.8 40.2#





#15
Acrylonitrile
Concen: 235.536 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

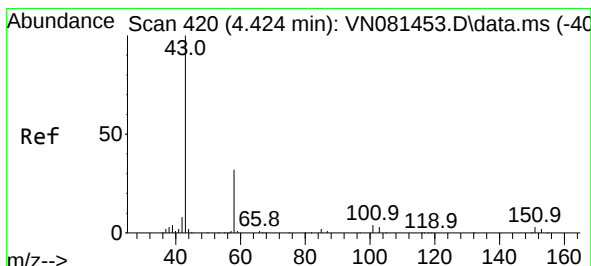
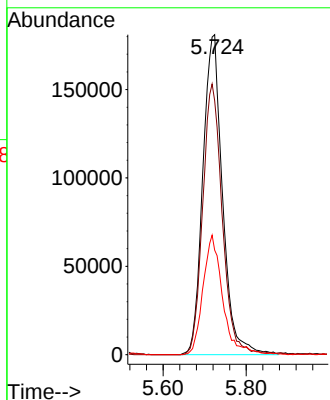
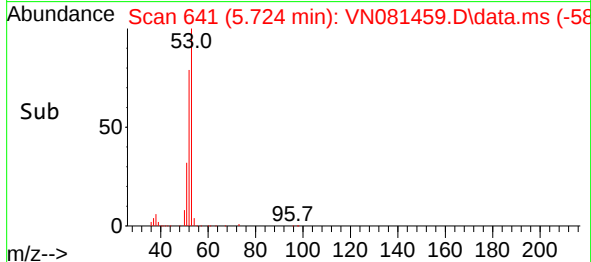
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 53 Resp: 595579
Ion Ratio Lower Upper
53 100
52 83.9 64.8 97.2
51 37.4 26.9 40.3

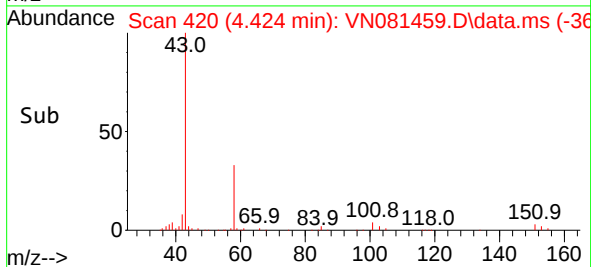
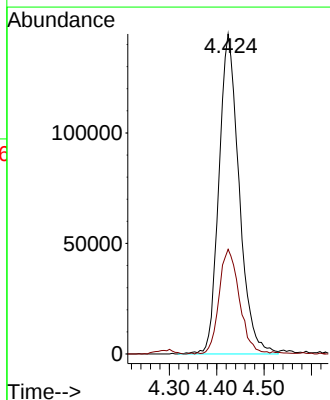
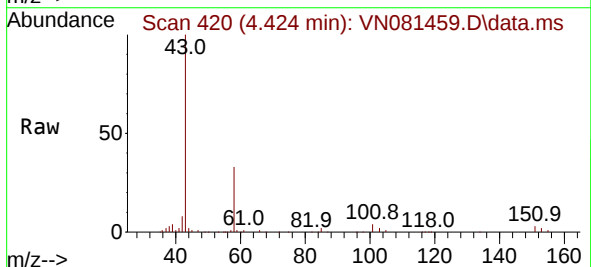
Manual Integrations
APPROVED

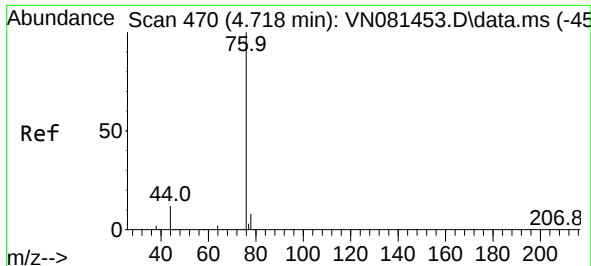
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 244.718 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

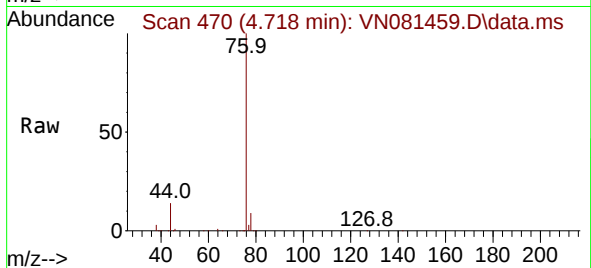
Tgt Ion: 43 Resp: 428945
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2





#17
Carbon Disulfide
Concen: 43.560 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

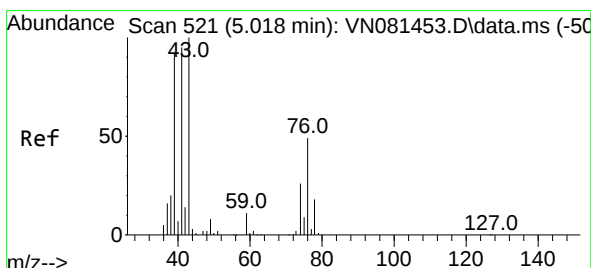
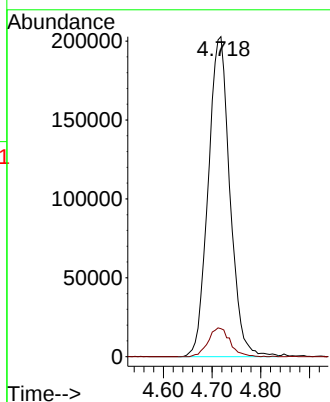
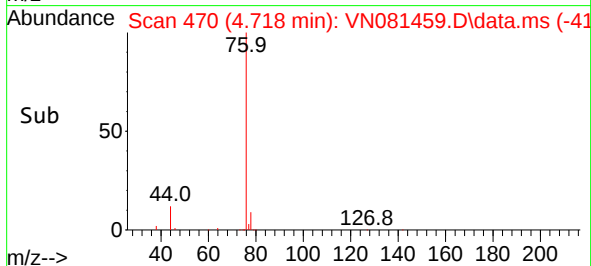
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 76 Resp: 62742
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

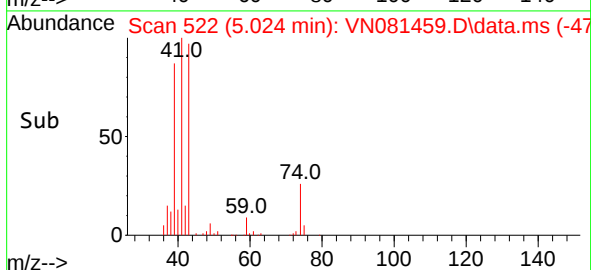
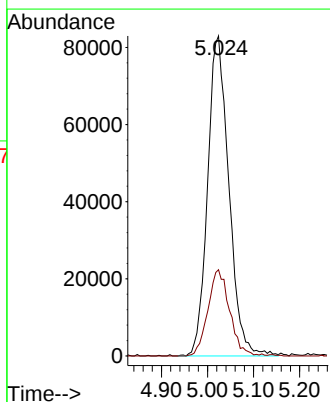
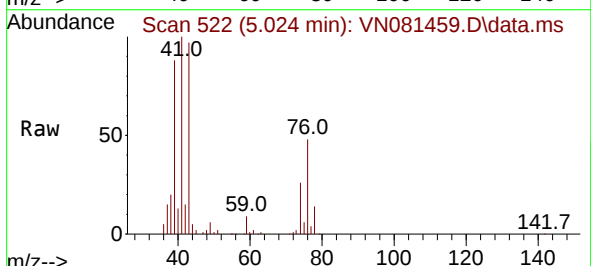
Manual Integrations
APPROVED

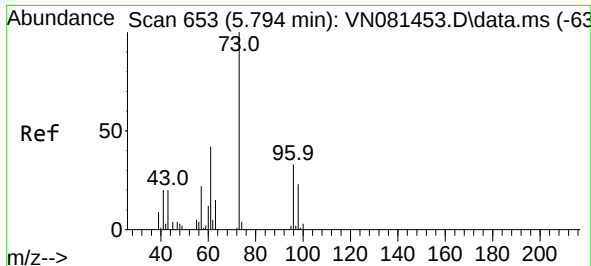
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#18
Methyl Acetate
Concen: 49.325 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

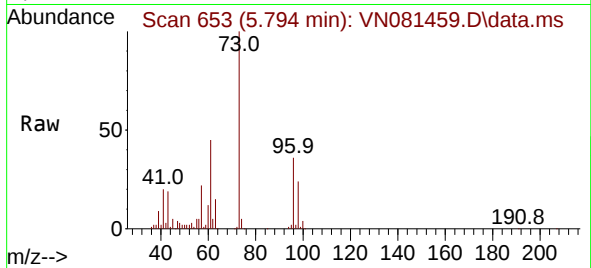
Tgt Ion: 43 Resp: 266547
Ion Ratio Lower Upper
43 100
74 27.3 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 47.606 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

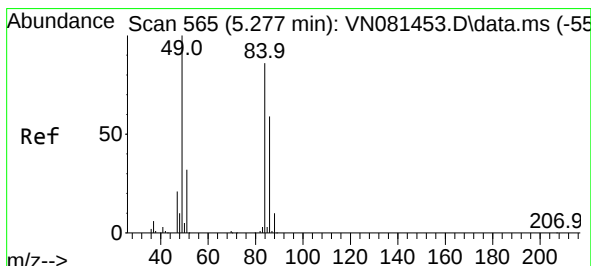
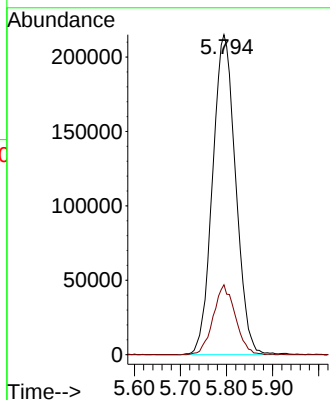
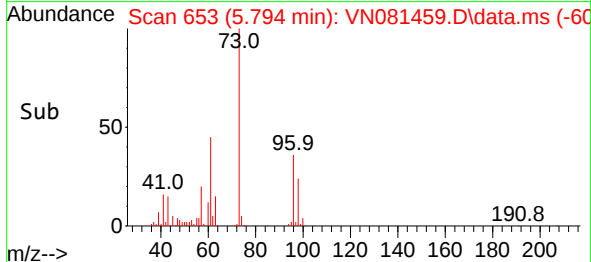
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 73 Resp: 74781
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

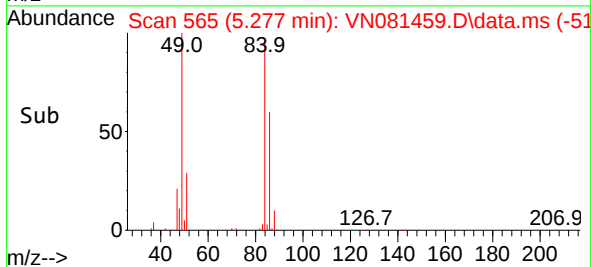
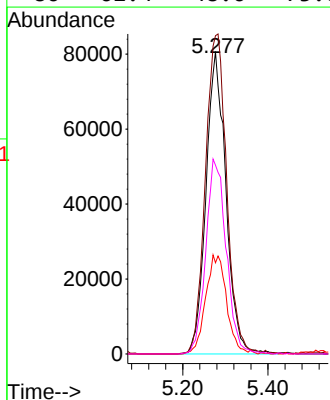
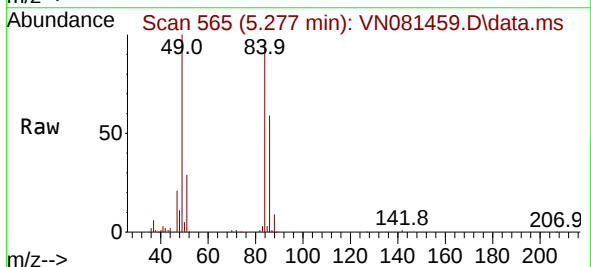
Manual Integrations
APPROVED

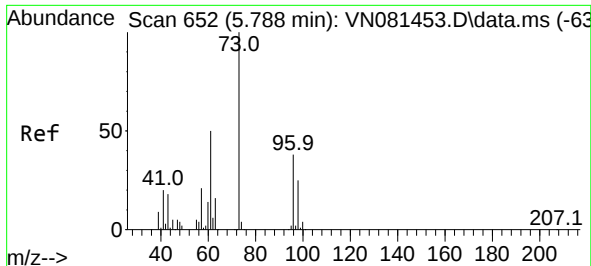
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#20
Methylene Chloride
Concen: 45.689 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

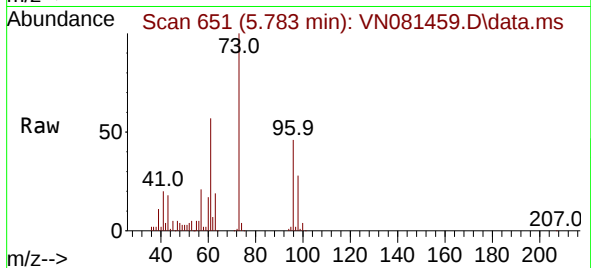
Tgt Ion: 84 Resp: 262328
Ion Ratio Lower Upper
84 100
49 105.3 108.1 162.1#
51 30.2 32.9 49.3#
86 62.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 45.905 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

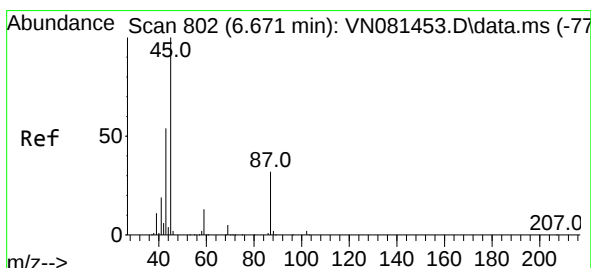
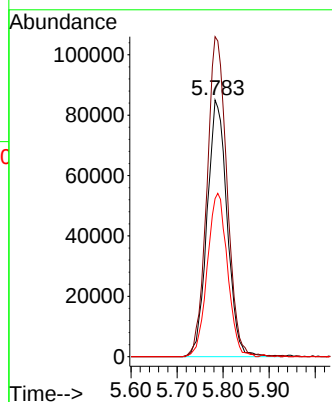
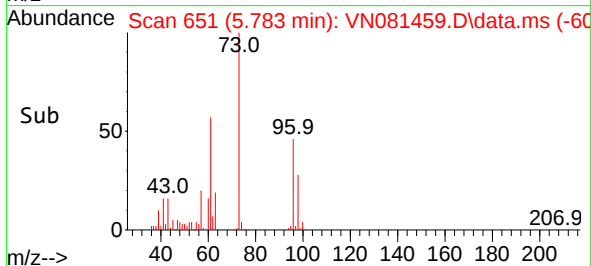
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 96 Resp: 256902
Ion Ratio Lower Upper
96 100
61 124.7 112.8 169.2
98 61.6 51.0 76.4

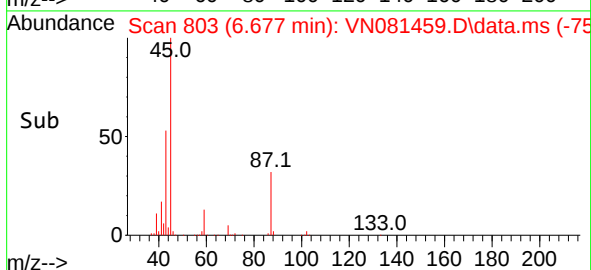
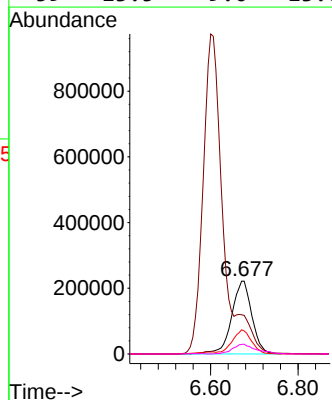
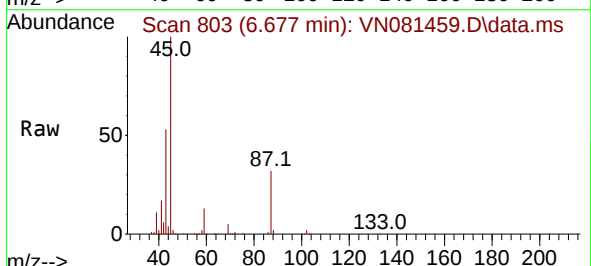
Manual Integrations
APPROVED

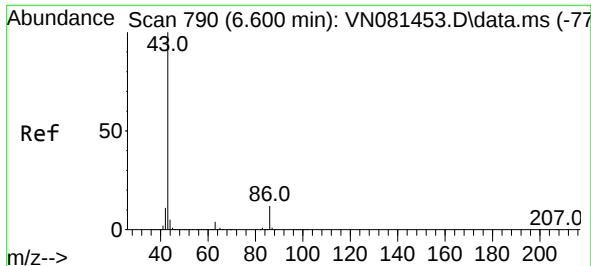
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 48.588 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion: 45 Resp: 710045
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 31.5 18.1 27.1#
59 13.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 243.672 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

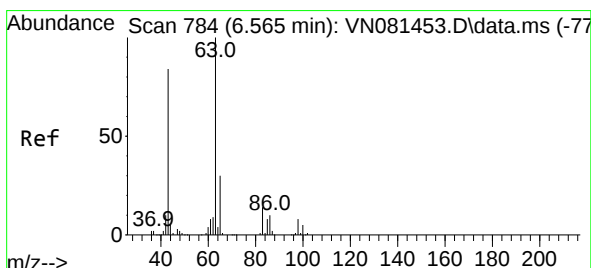
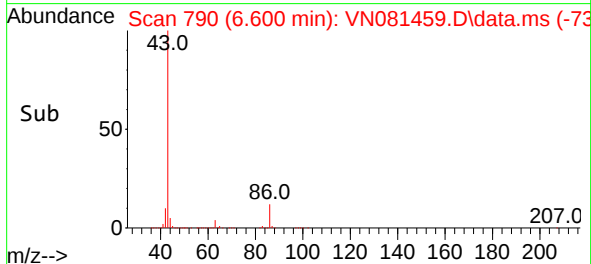
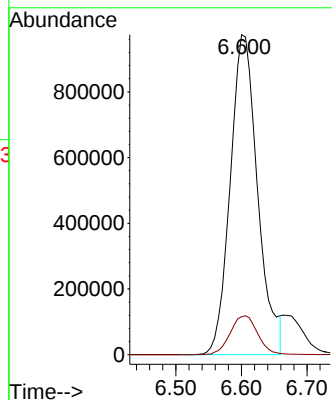
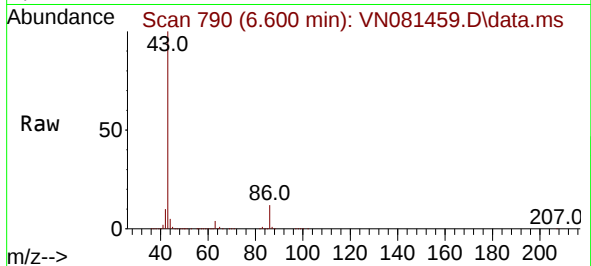
ClientSampleId :

ICVVN031824

Tgt Ion: 43 Resp: 2834428
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

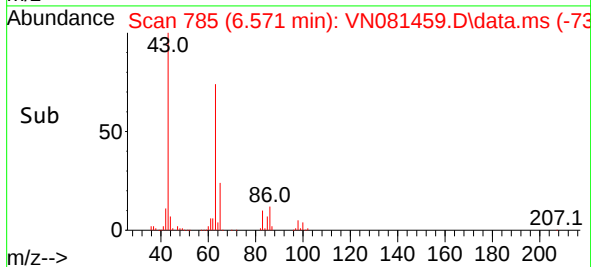
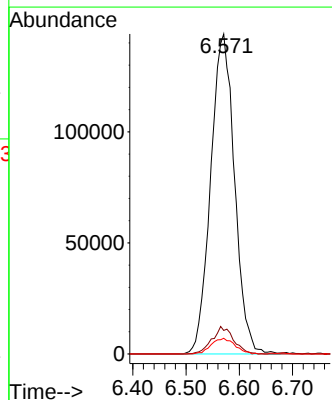
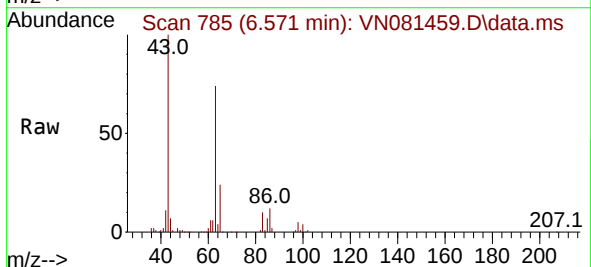
Manual Integrations
 APPROVED

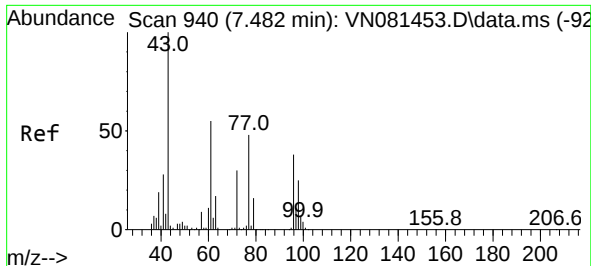
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 45.844 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14

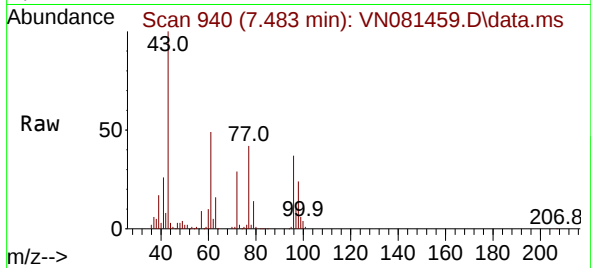
Tgt Ion: 63 Resp: 448722
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 243.297 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

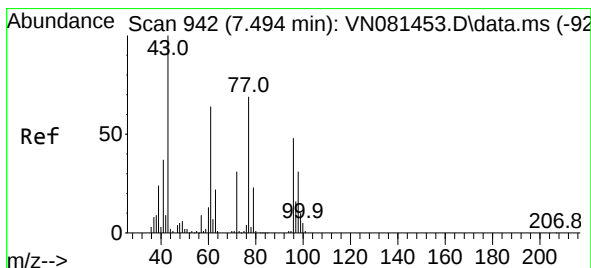
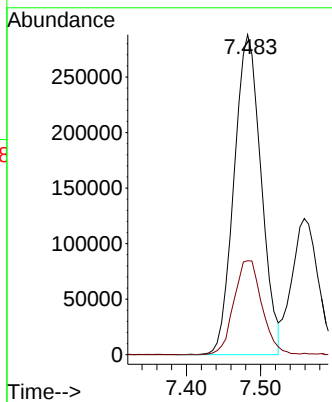
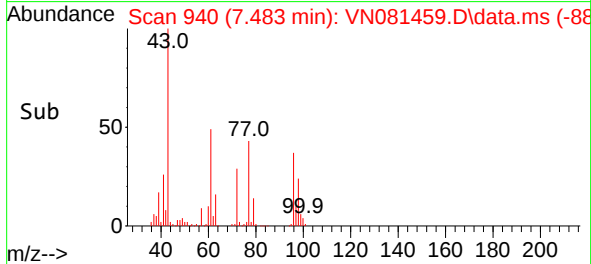
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 43 Resp: 73145
Ion Ratio Lower Upper
43 100
72 29.4 19.5 29.3

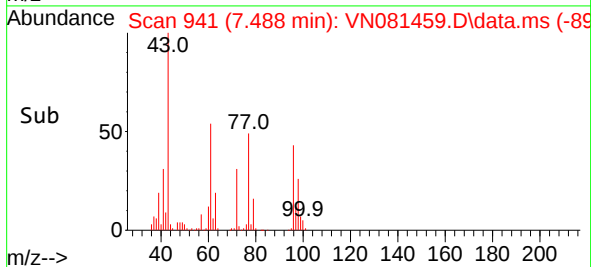
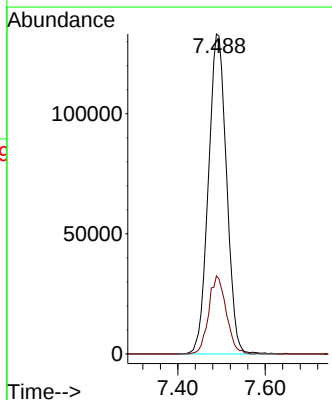
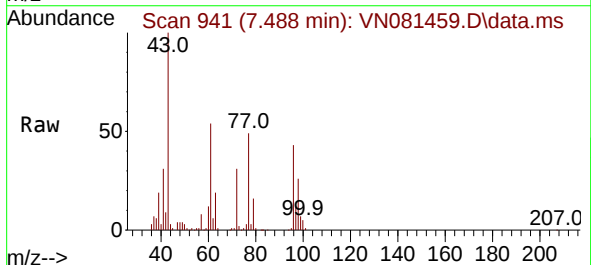
Manual Integrations
APPROVED

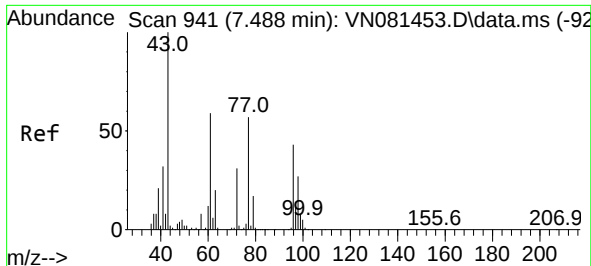
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 45.157 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

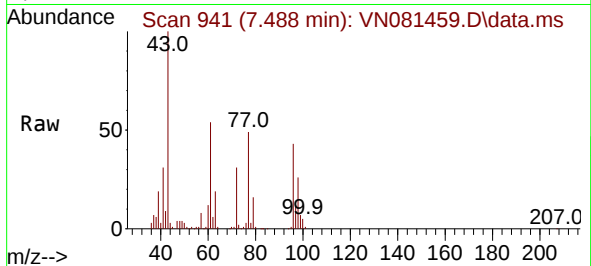
Tgt Ion: 77 Resp: 383355
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.919 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14

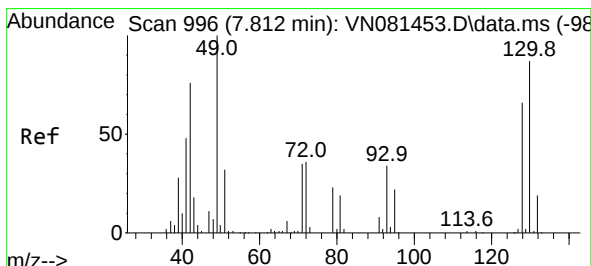
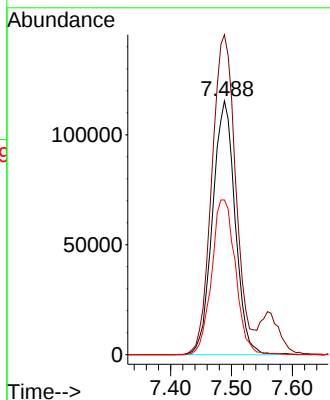
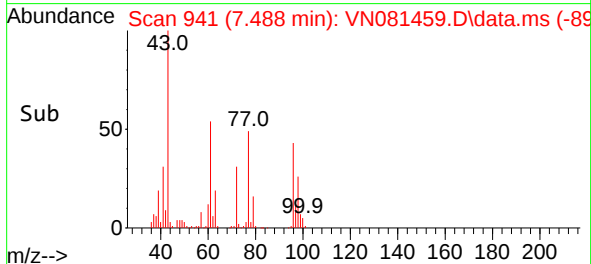
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031824



Tgt Ion: 96 Resp: 29709
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 325.4
 98 64.3 0.0 130.4

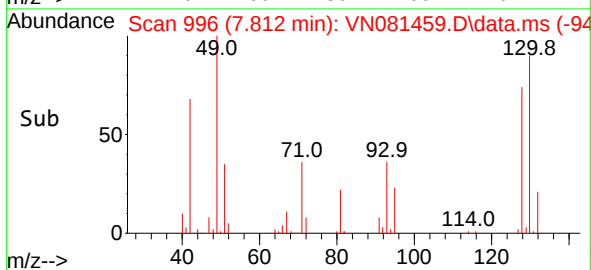
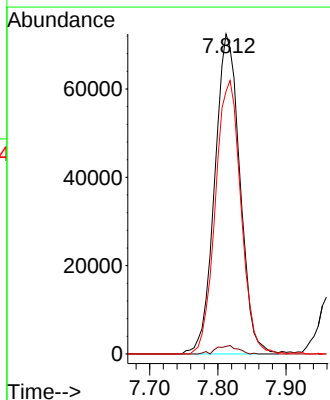
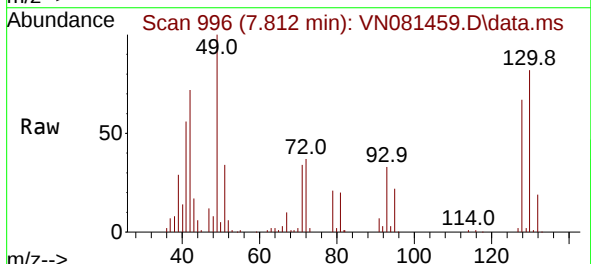
Manual Integrations
 APPROVED

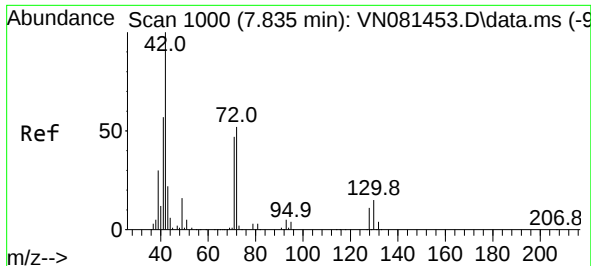
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#28
 Bromochloromethane
 Concen: 46.730 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14

Tgt Ion: 49 Resp: 186300
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 86.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 243.981 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081459.D

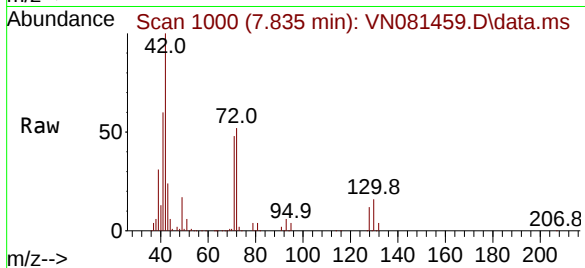
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824



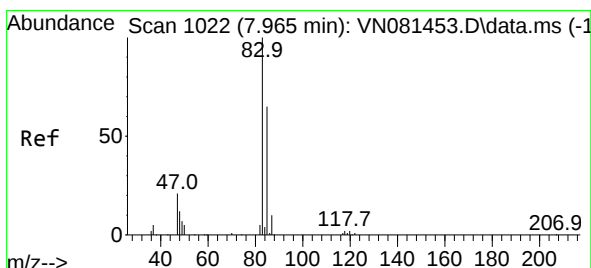
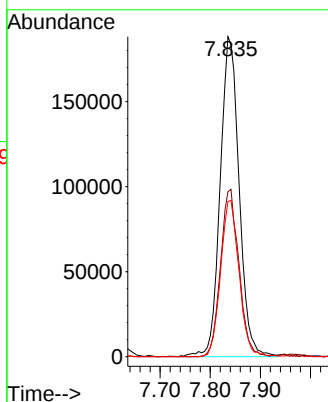
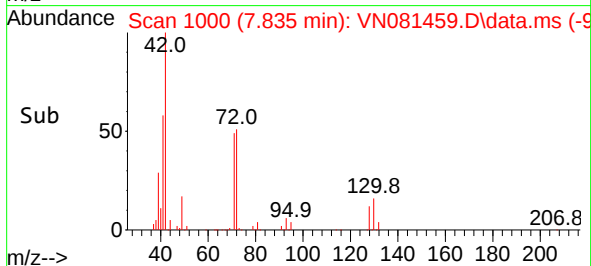
Tgt Ion:	42	Resp:	49414
Ion Ratio	100	Lower	Upper
42	100		
72	50.8	31.1	46.7
71	47.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 46.722 ug/l

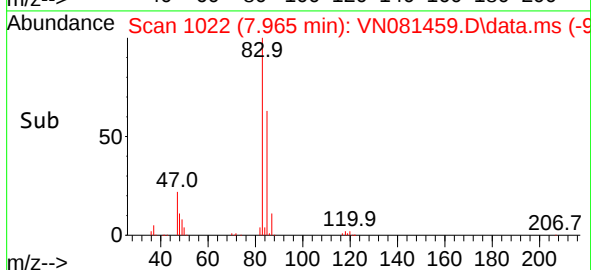
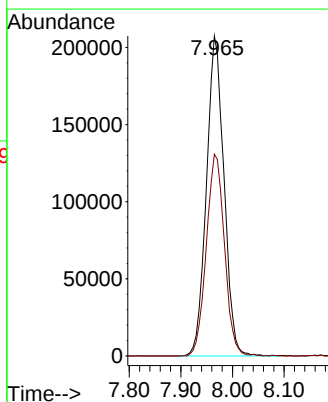
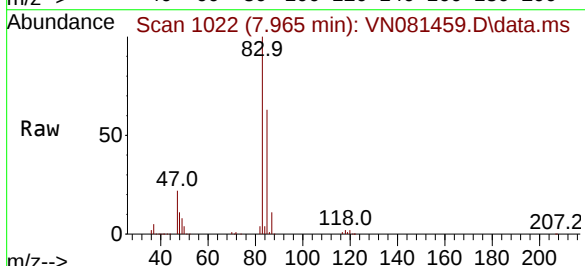
RT: 7.965 min Scan# 1022

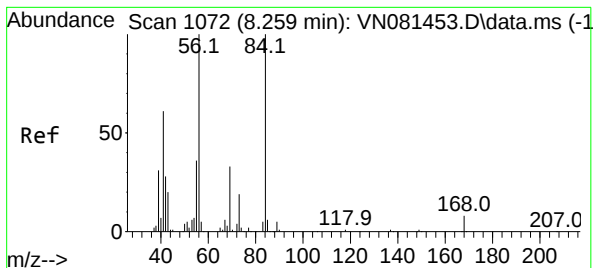
Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Tgt Ion:	83	Resp:	489567
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	51.0	76.6





#31

Cyclohexane

Concen: 43.845 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081459.D

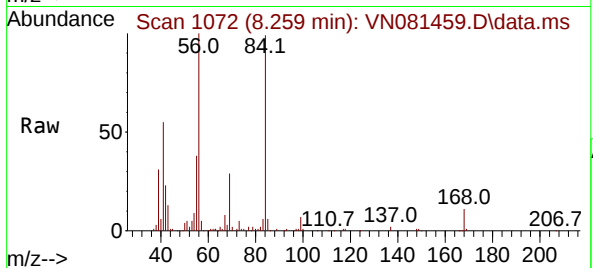
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824



Tgt Ion: 56 Resp: 38697

Ion Ratio Lower Upper

56 100

69 28.6 20.1 30.1

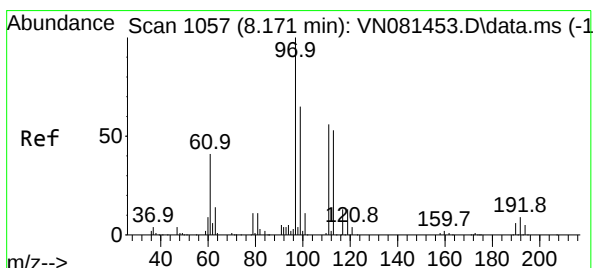
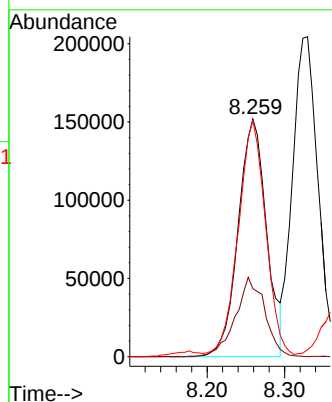
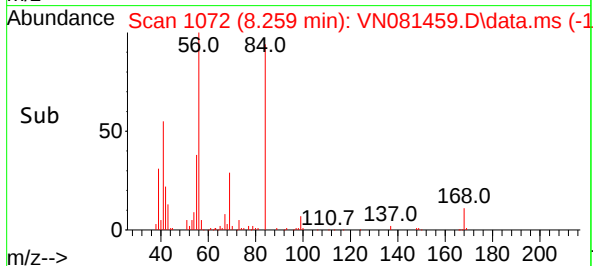
84 97.5 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#32

1,1,1-Trichloroethane

Concen: 47.014 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

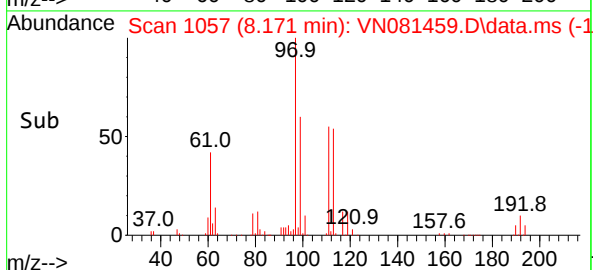
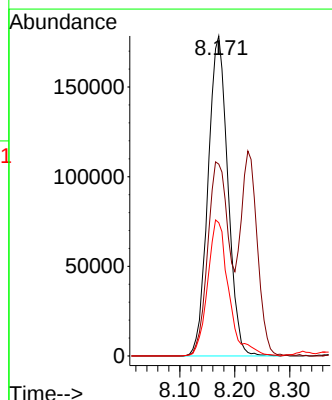
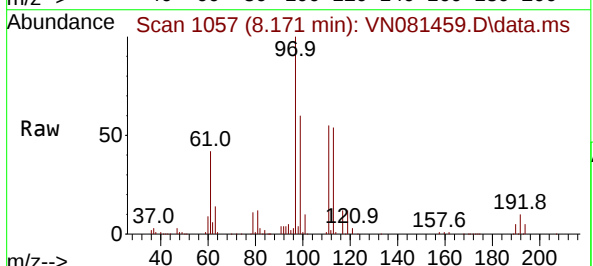
Tgt Ion: 97 Resp: 446941

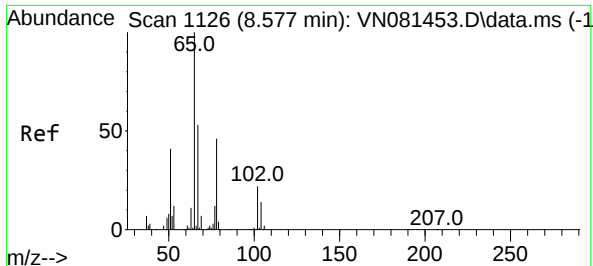
Ion Ratio Lower Upper

97 100

99 65.3 53.4 80.0

61 45.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.467 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

Tgt Ion: 65 Resp: 268290

Ion Ratio Lower Upper

65 100

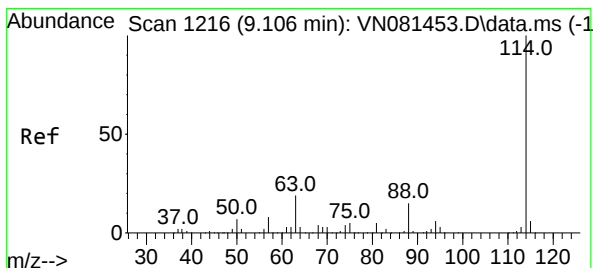
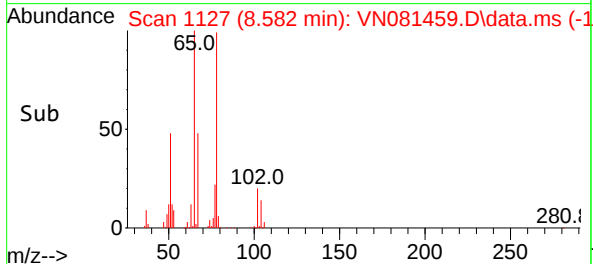
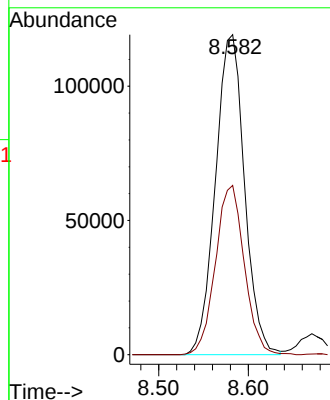
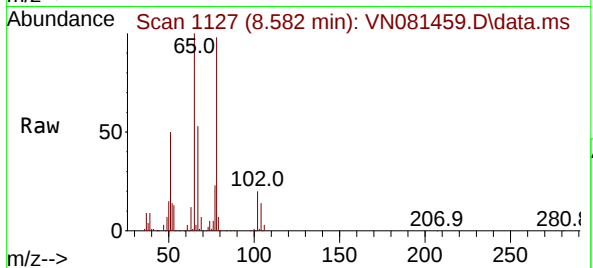
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

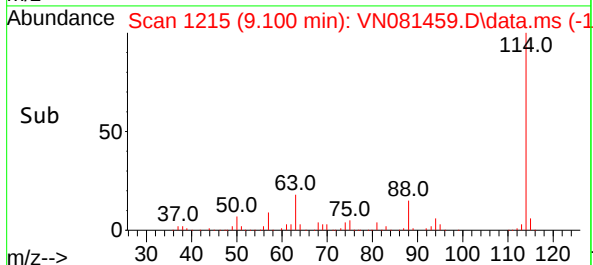
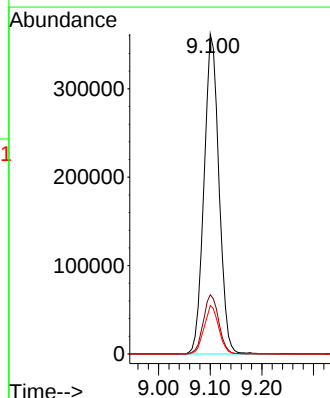
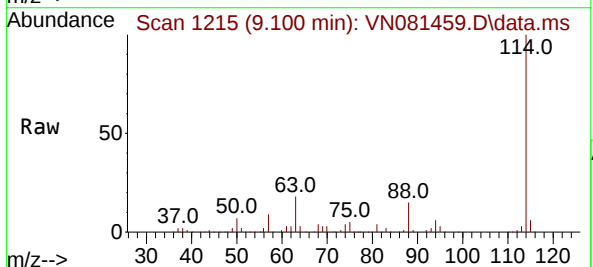
Tgt Ion:114 Resp: 726602

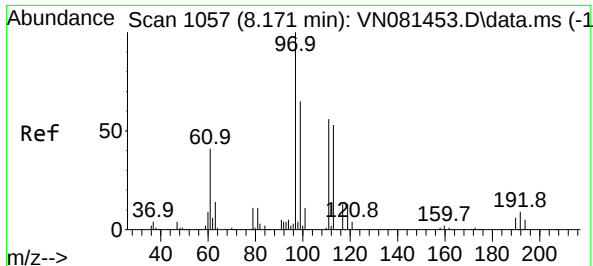
Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.719 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

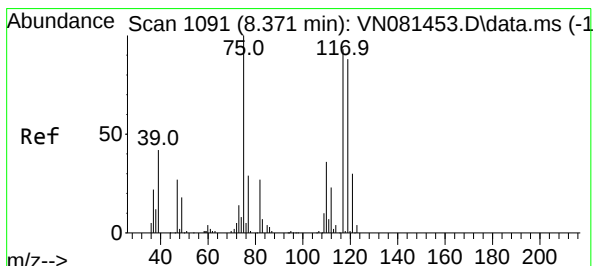
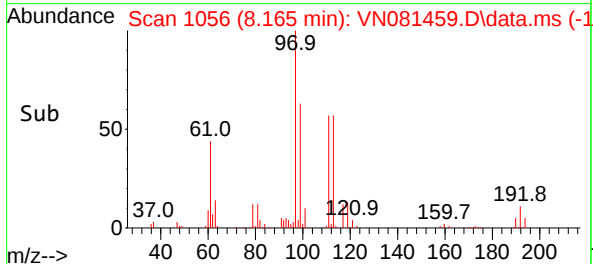
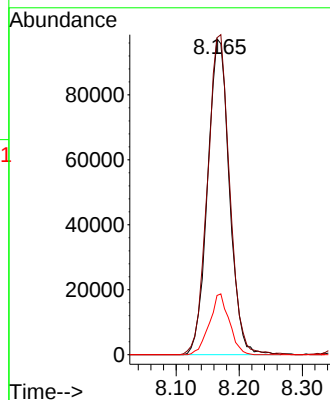
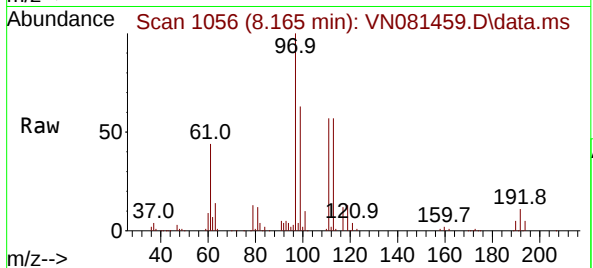
Tgt Ion:	113	Resp:	232570
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.6	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#36

1,1-Dichloropropene

Concen: 46.376 ug/l

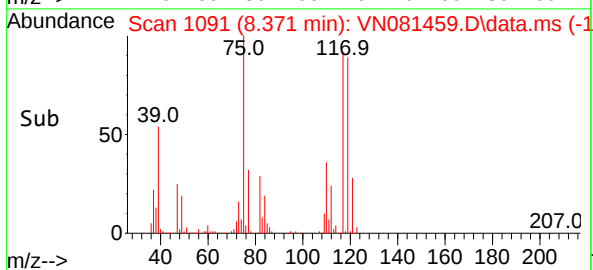
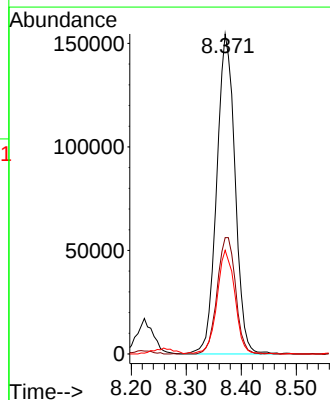
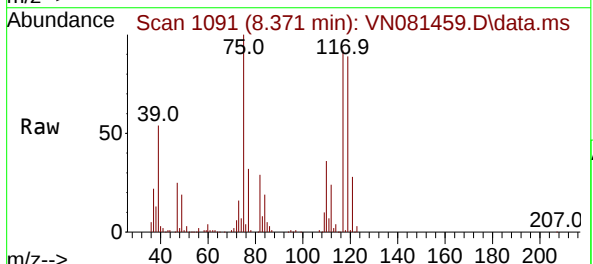
RT: 8.371 min Scan# 1091

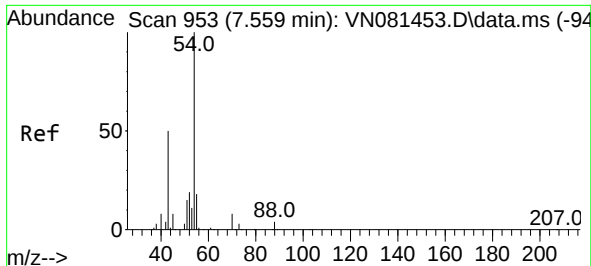
Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Tgt Ion:	75	Resp:	357880
Ion	Ratio	Lower	Upper
75	100		
110	36.6	16.0	48.0
77	31.6	25.8	38.6





#37

Ethyl Acetate

Concen: 47.029 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081459.D

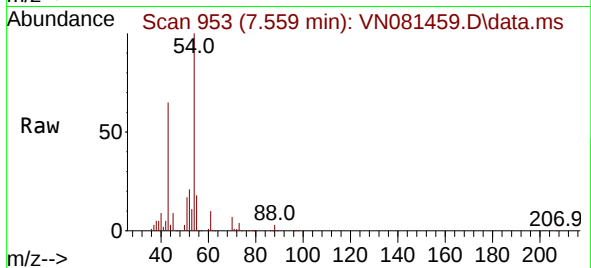
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824



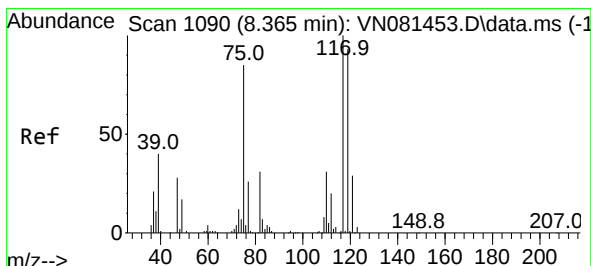
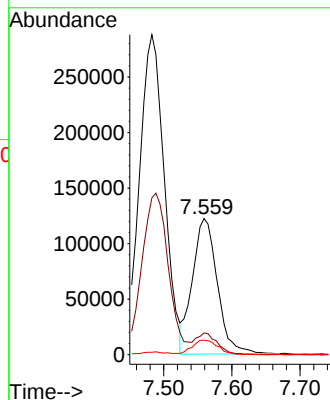
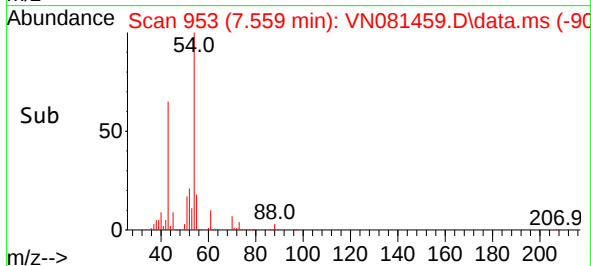
Tgt Ion:	43	Resp:	310772
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.6	15.8
70	10.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#38

Carbon Tetrachloride

Concen: 45.723 ug/l

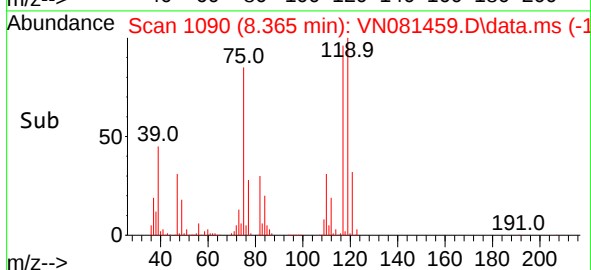
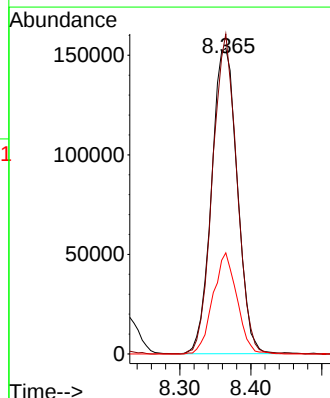
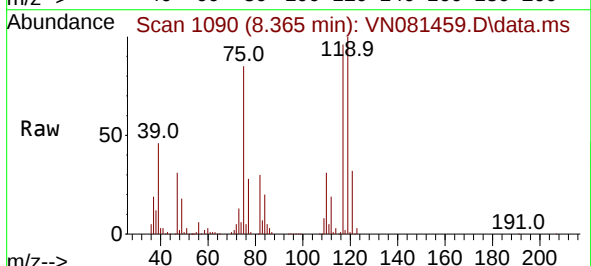
RT: 8.365 min Scan# 1090

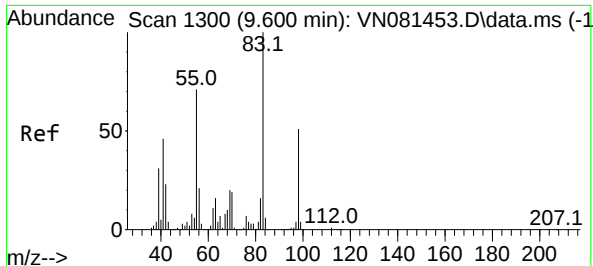
Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Tgt Ion:	117	Resp:	386527
Ion Ratio	Lower	Upper	
117	100		
119	104.8	73.4	110.2
121	33.1	24.4	36.6





#39

Methylcyclohexane

Concen: 48.813 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081459.D

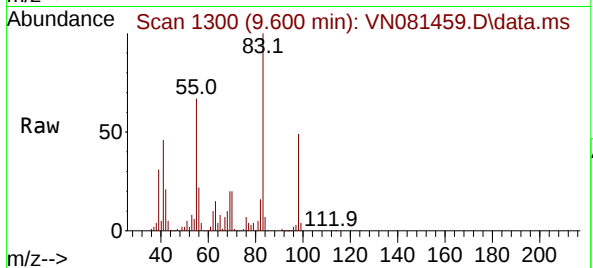
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824



Tgt Ion: 83 Resp: 42066

Ion Ratio Lower Upper

83 100

55 67.1 65.7 98.5

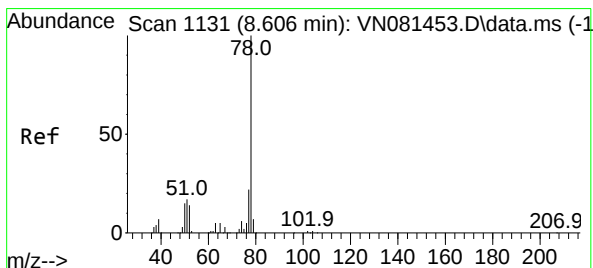
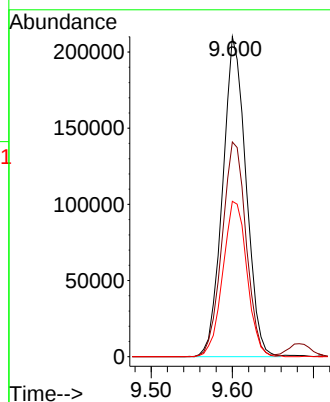
98 48.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#40

Benzene

Concen: 47.258 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081459.D

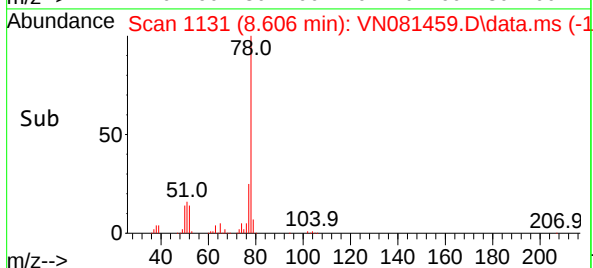
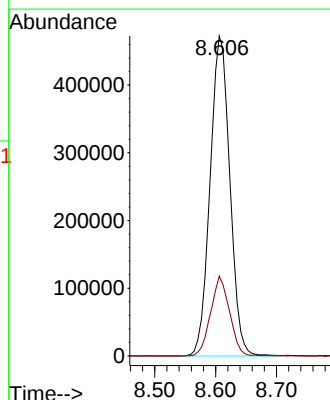
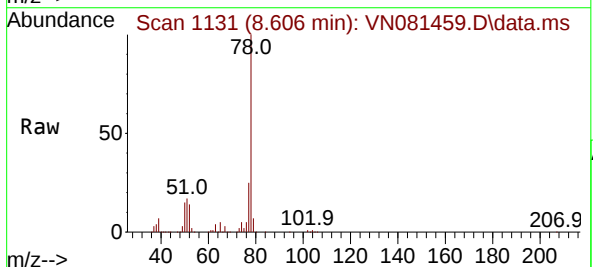
Acq: 18 Mar 2024 19:14

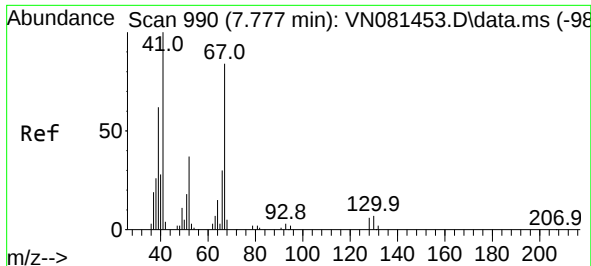
Tgt Ion: 78 Resp: 1066195

Ion Ratio Lower Upper

78 100

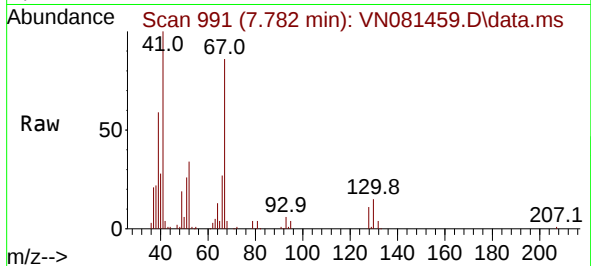
77 24.9 20.4 30.6





#41
Methacrylonitrile
Concen: 49.163 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

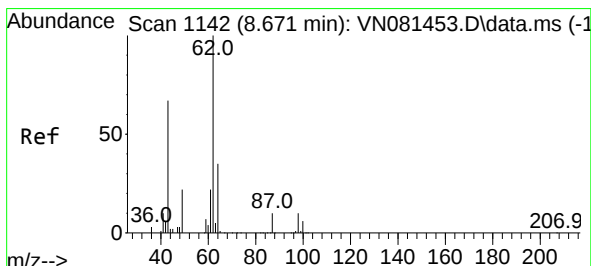
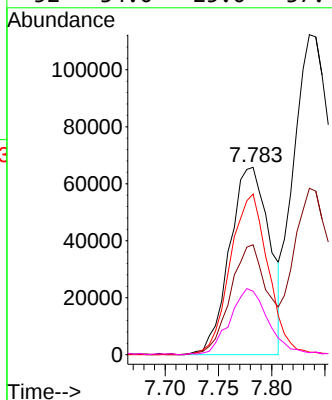
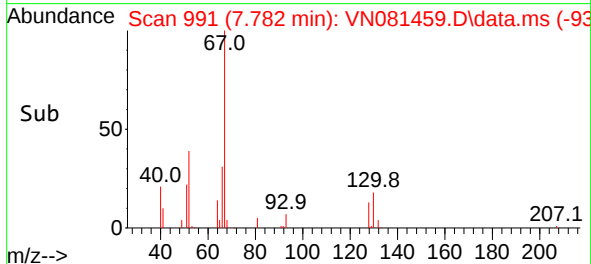
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 41 Resp: 171800
Ion Ratio Lower Upper
41 100
39 55.0 48.4 72.6
67 81.5 56.8 85.2
52 34.0 25.0 37.4

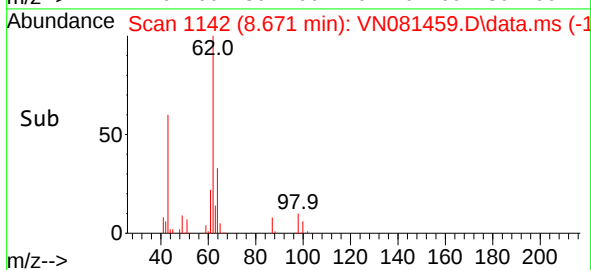
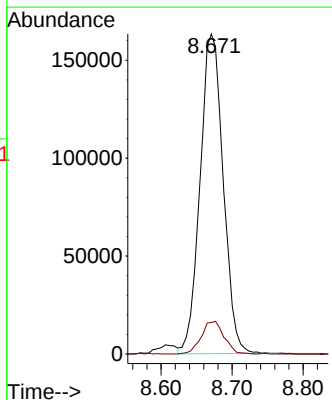
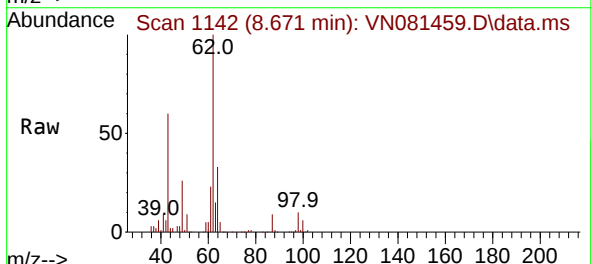
Manual Integrations
APPROVED

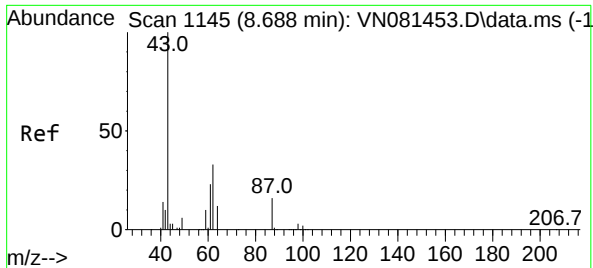
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#42
1,2-Dichloroethane
Concen: 46.603 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion: 62 Resp: 370018
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





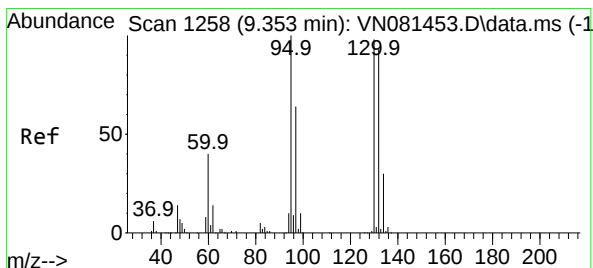
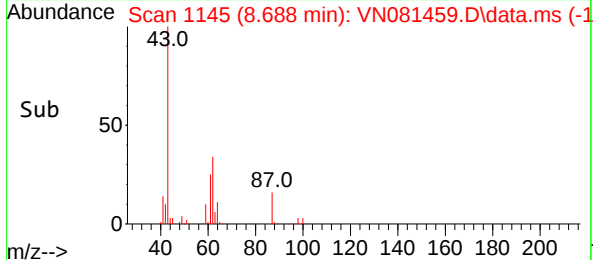
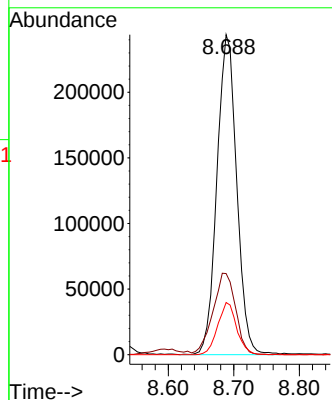
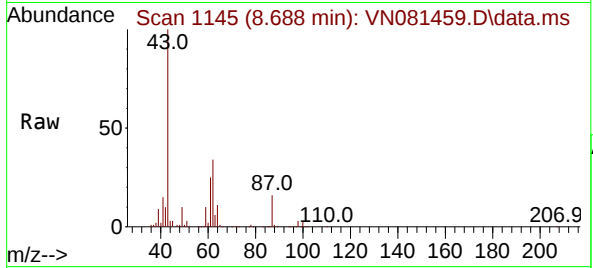
#43
Isopropyl Acetate
Concen: 46.566 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument : MSVOA_N
ClientSampleId : ICVVN031824

Tgt Ion: 43 Resp: 51006
Ion Ratio Lower Upper
43 100
61 29.1 19.9 29.9
87 15.6 9.0 13.6

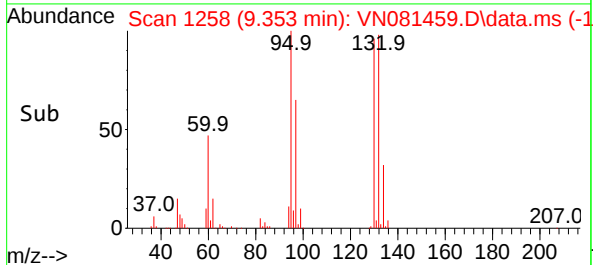
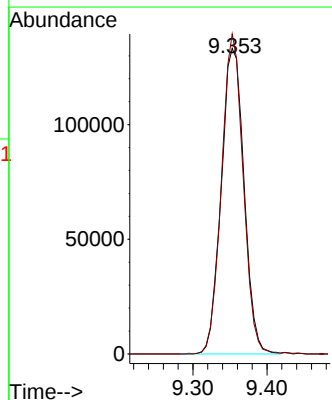
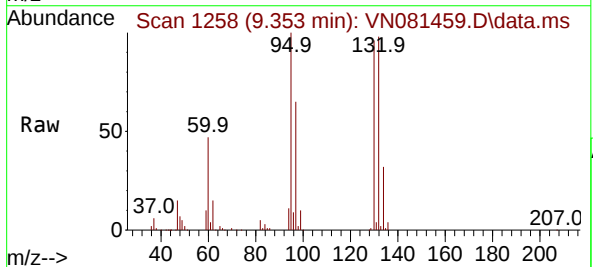
Manual Integrations
APPROVED

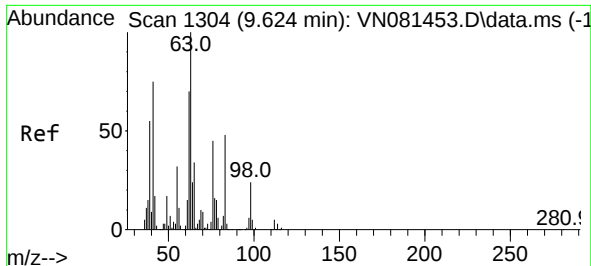
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#44
Trichloroethene
Concen: 44.875 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion:130 Resp: 284750
Ion Ratio Lower Upper
130 100
95 104.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.068 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

Tgt Ion: 63 Resp: 262820

Ion Ratio Lower Upper

63 100

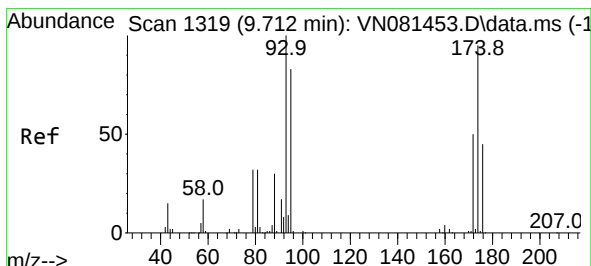
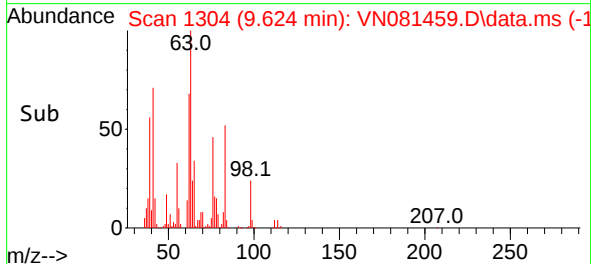
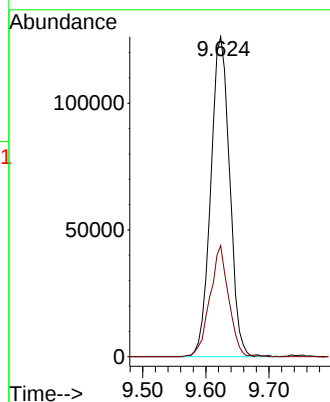
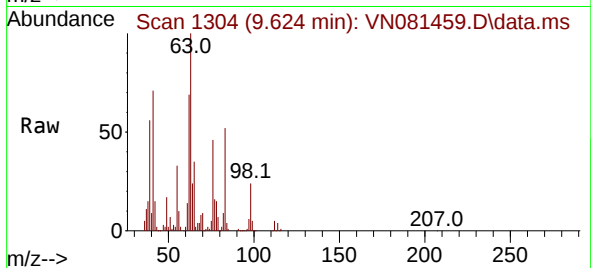
65 34.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#46

Dibromomethane

Concen: 46.863 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

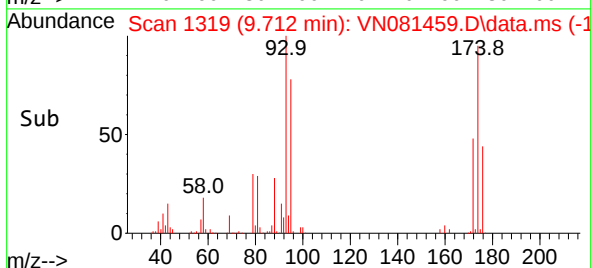
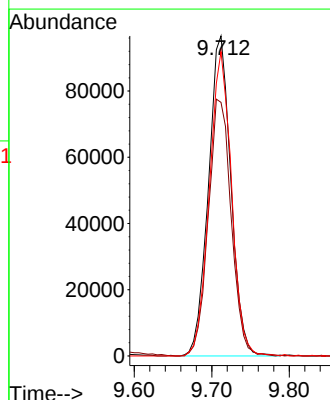
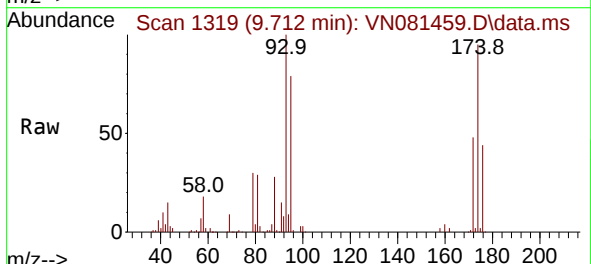
Tgt Ion: 93 Resp: 194594

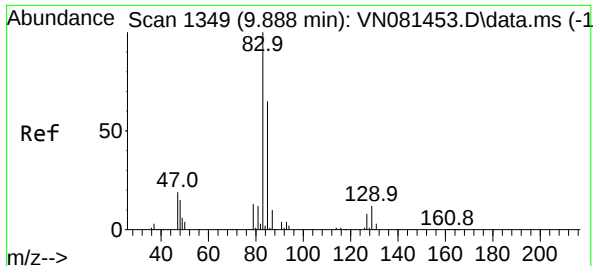
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

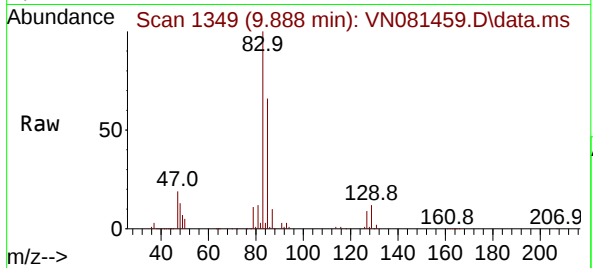
174 93.6 57.2 85.8





#47
Bromodichloromethane
Concen: 48.322 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

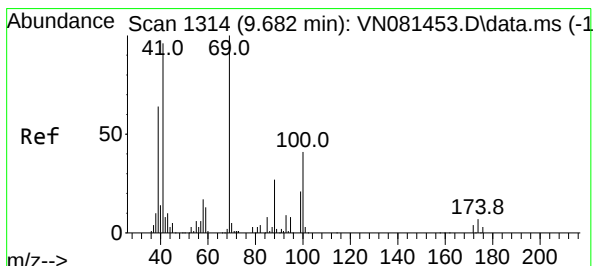
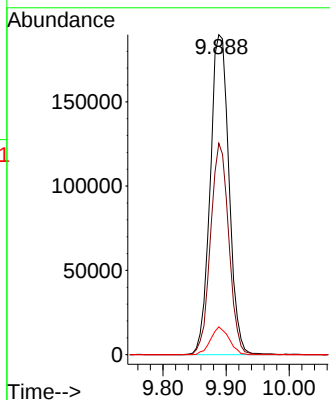
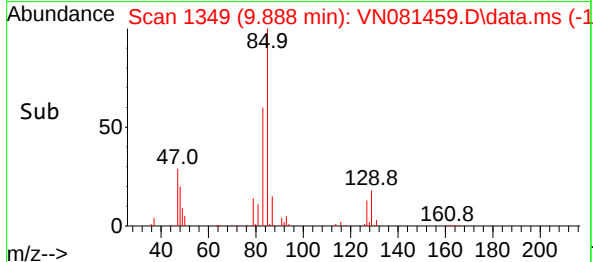
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 83 Resp: 392302
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5
127 8.7 4.6 7.0

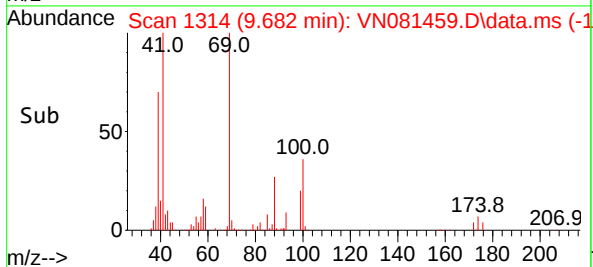
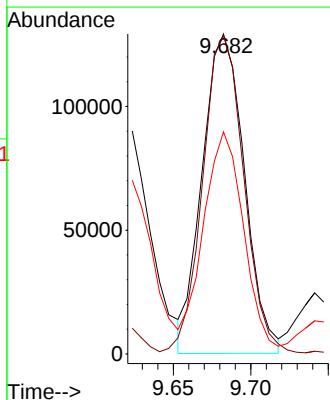
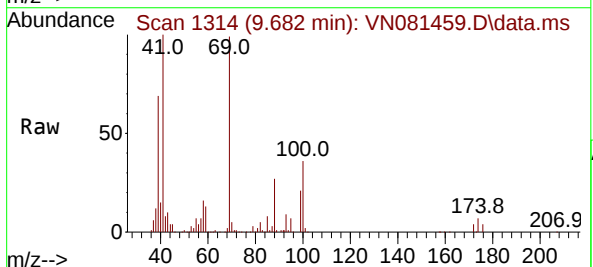
Manual Integrations
APPROVED

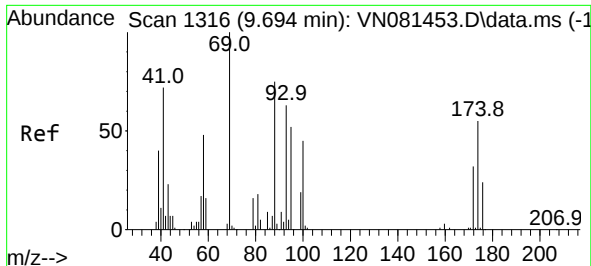
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#48
Methyl methacrylate
Concen: 48.341 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

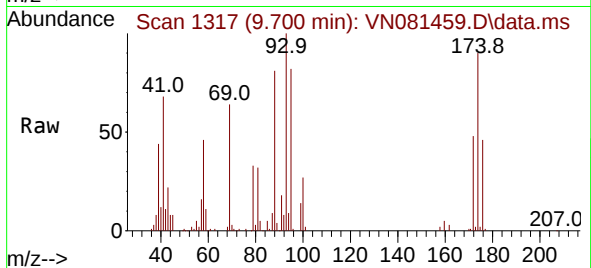
Tgt Ion: 41 Resp: 244228
Ion Ratio Lower Upper
41 100
69 96.9 62.2 93.2#
39 66.9 47.6 71.4





#49
1,4-Dioxane
Concen: 963.685 ug/l
RT: 9.700 min Scan# 117004
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

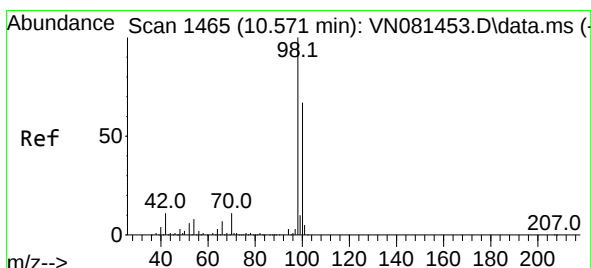
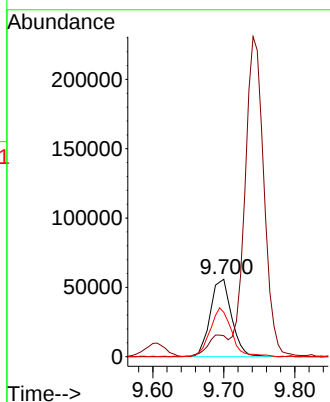
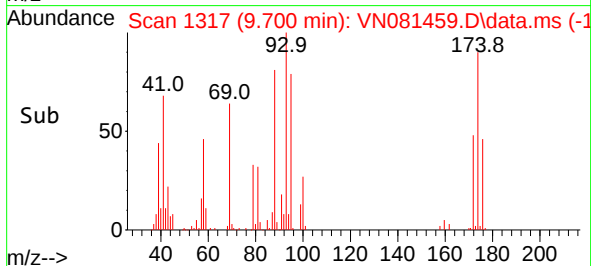
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 88 Resp: 117004
Ion Ratio Lower Upper
88 100
43 25.3 30.1 45.1
58 63.2 63.9 95.9

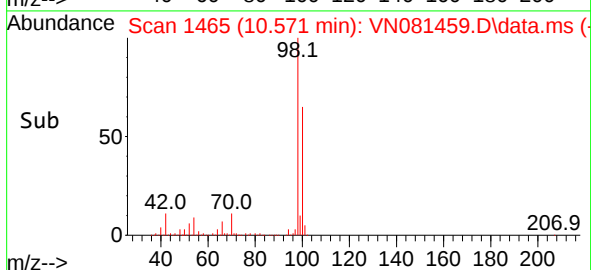
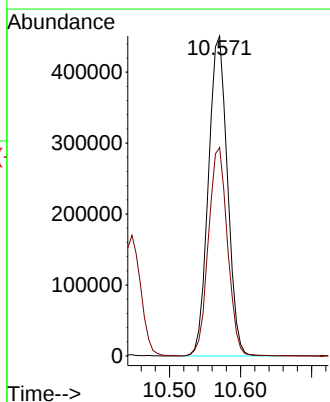
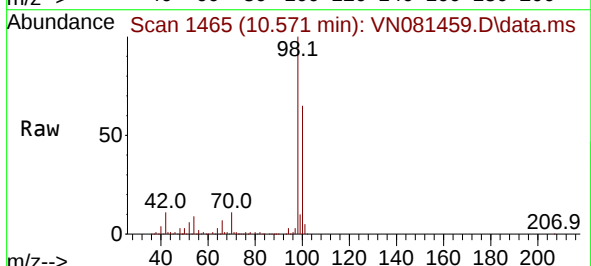
Manual Integrations
APPROVED

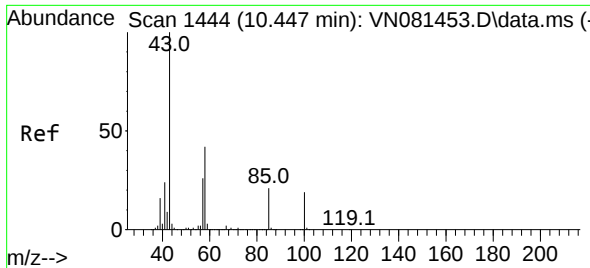
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#50
Toluene-d8
Concen: 50.604 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

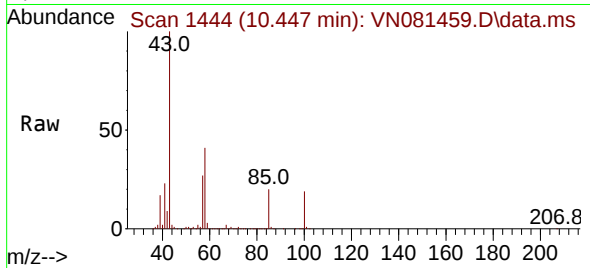
Tgt Ion: 98 Resp: 838829
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 243.972 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

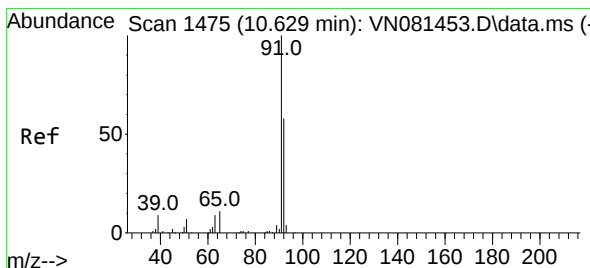
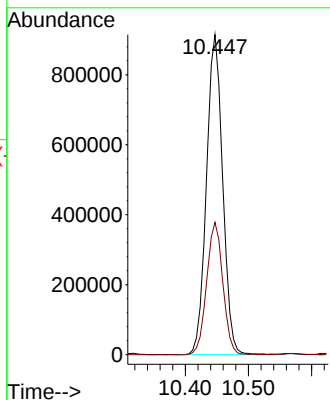
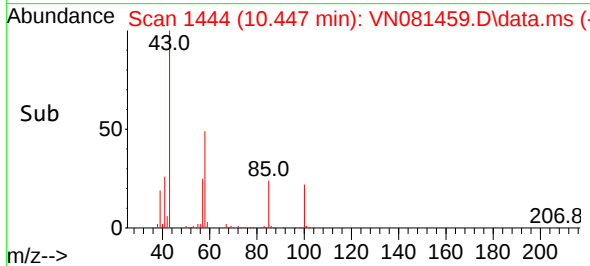
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



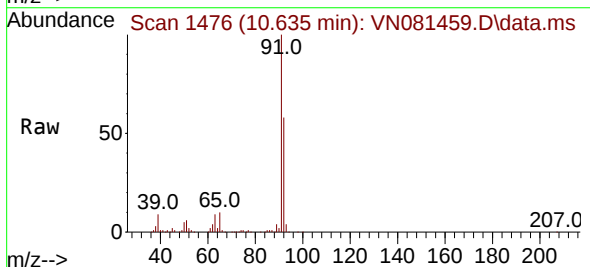
Tgt Ion: 43 Resp: 163066
Ion Ratio Lower Upper
43 100
58 41.2 29.4 44.0

Manual Integrations
APPROVED

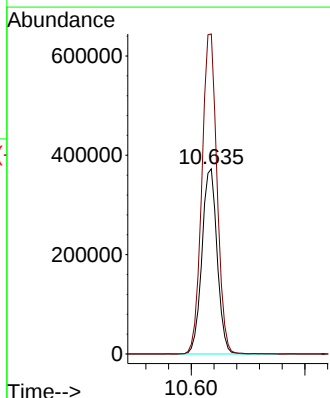
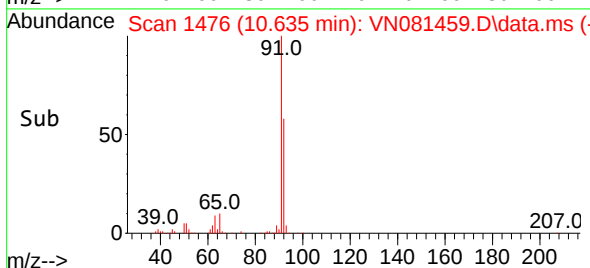
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

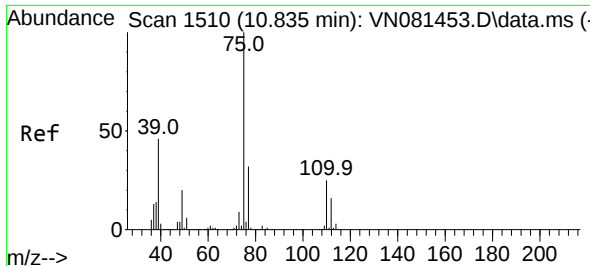


#52
Toluene
Concen: 48.181 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



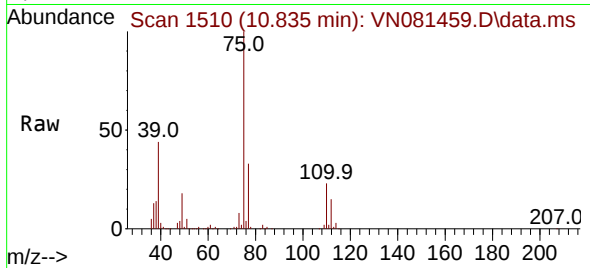
Tgt Ion: 92 Resp: 690899
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 46.565 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

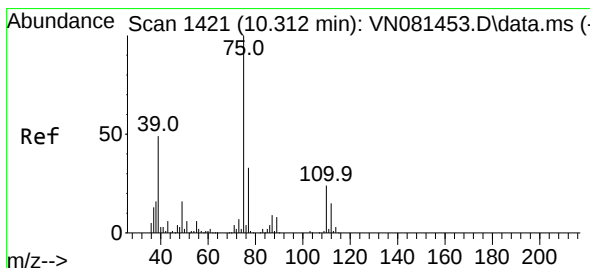
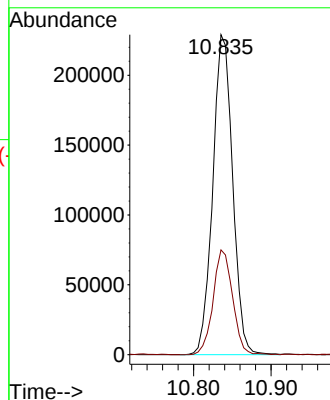
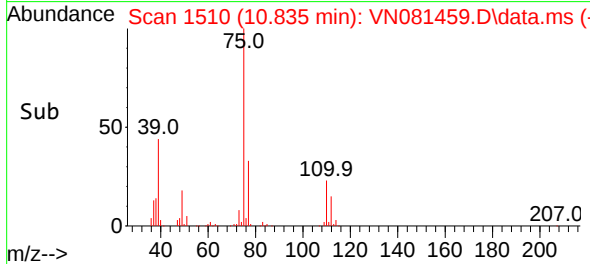
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 75 Resp: 40821
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3

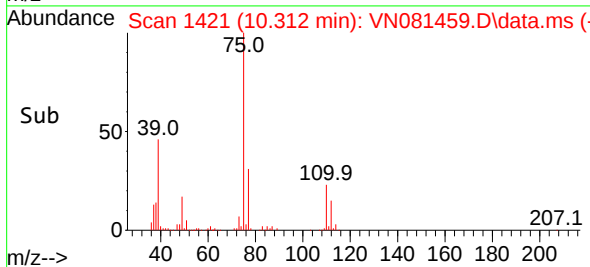
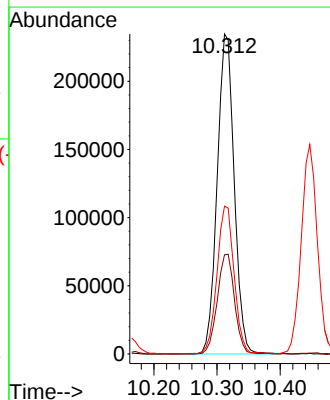
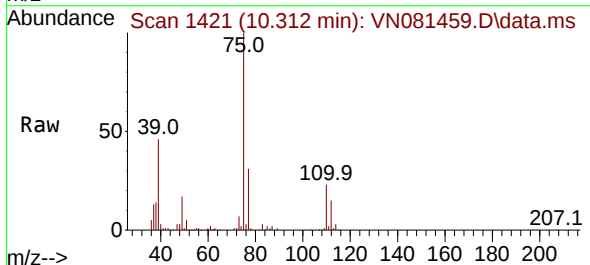
Manual Integrations
APPROVED

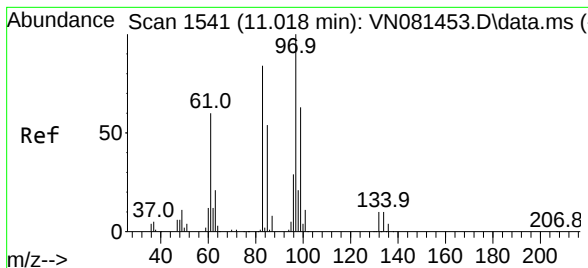
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#54
cis-1,3-Dichloropropene
Concen: 46.739 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

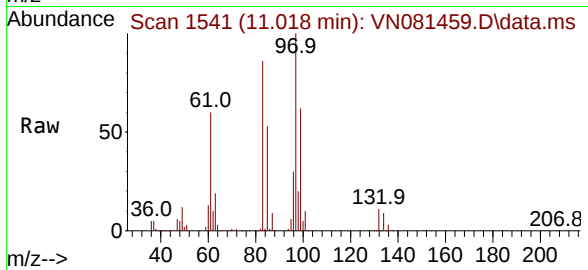
Tgt Ion: 75 Resp: 439305
Ion Ratio Lower Upper
75 100
77 31.0 23.3 34.9
39 46.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 46.723 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

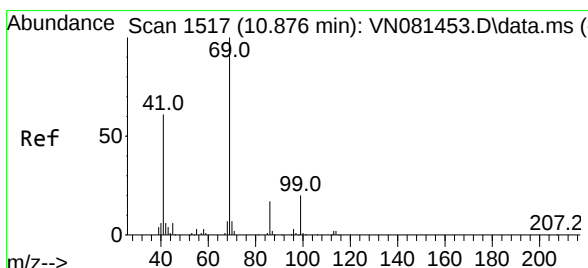
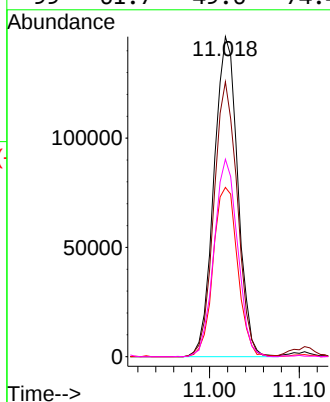
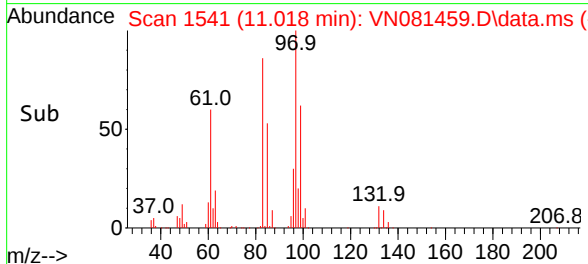
Instrument : MSVOA_N
ClientSampleId : ICVVN031824



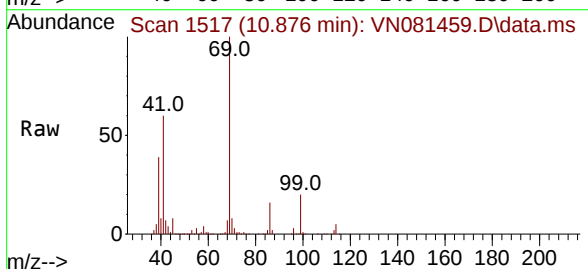
Tgt Ion: 97 Resp: 269638
Ion Ratio Lower Upper
97 100
83 85.9 72.9 109.3
85 52.9 50.2 75.2
99 61.7 49.6 74.4

Manual Integrations
APPROVED

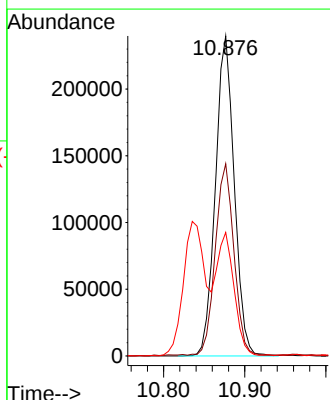
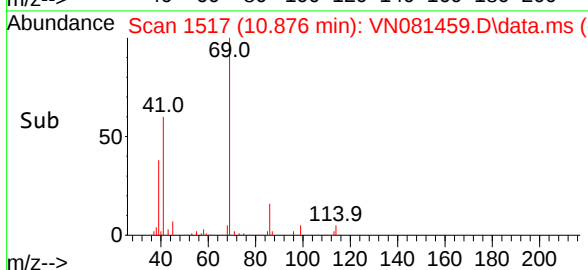
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

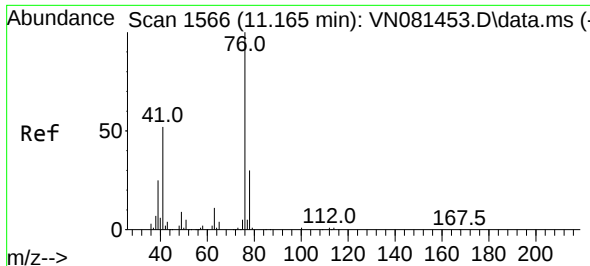


#56
Ethyl methacrylate
Concen: 45.504 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



Tgt Ion: 69 Resp: 386892
Ion Ratio Lower Upper
69 100
41 60.4 61.0 91.6#
39 35.1 31.8 47.6





#57

1,3-Dichloropropane

Concen: 48.064 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

Tgt Ion: 76 Resp: 45470

Ion Ratio Lower Upper

76 100

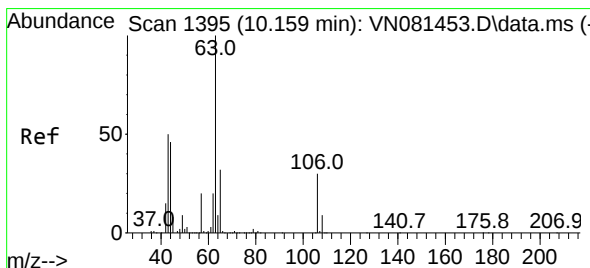
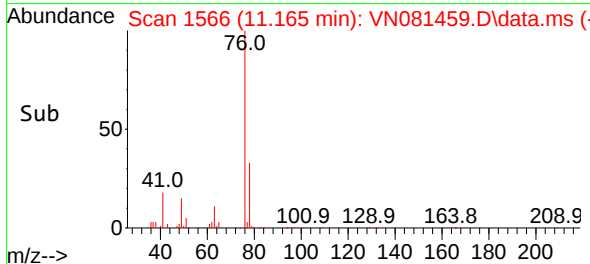
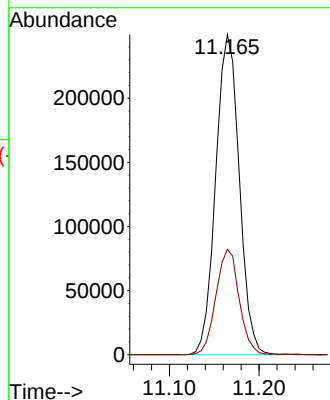
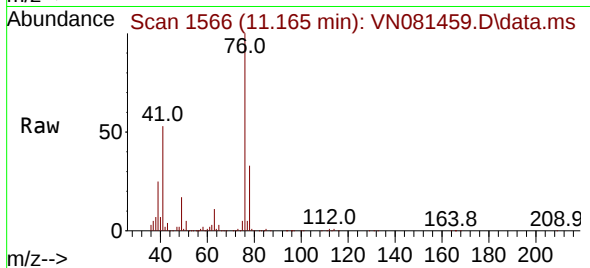
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 274.113 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081459.D

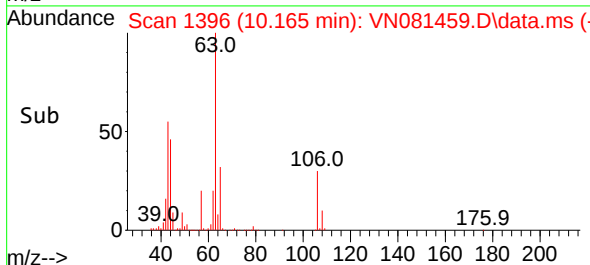
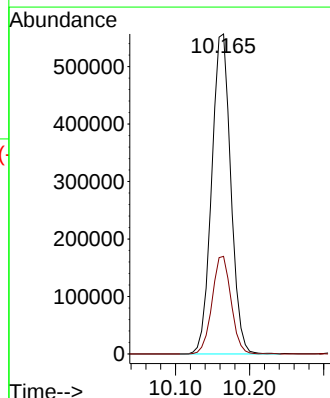
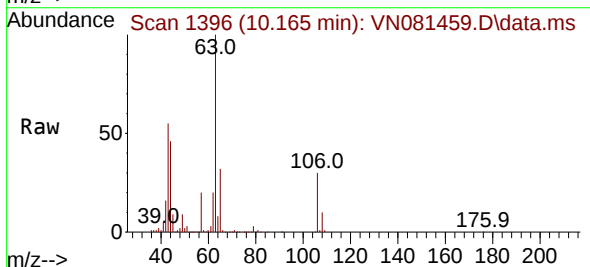
Acq: 18 Mar 2024 19:14

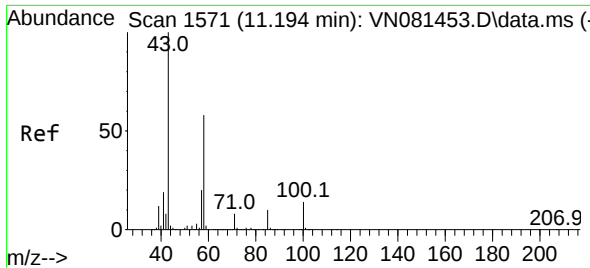
Tgt Ion: 63 Resp: 995366

Ion Ratio Lower Upper

63 100

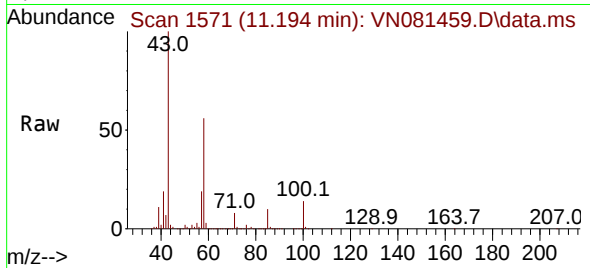
106 30.4 18.6 28.0#





#59
2-Hexanone
Concen: 249.070 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

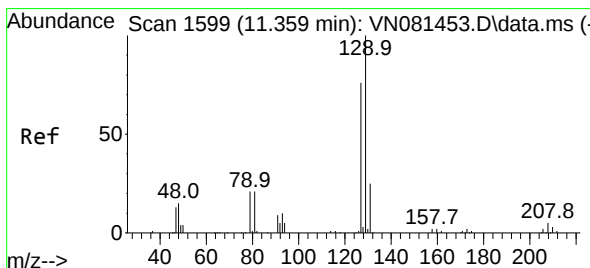
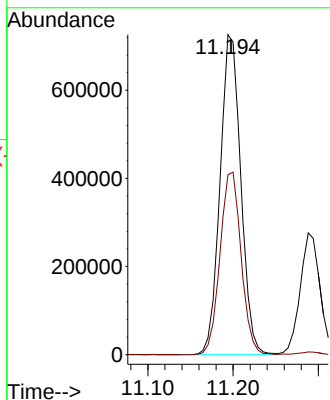
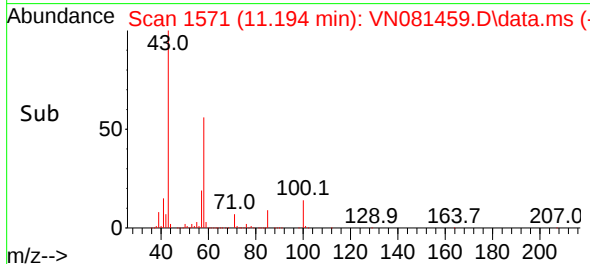
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 43 Resp: 1230800
Ion Ratio Lower Upper
43 100
58 58.0 25.9 77.8

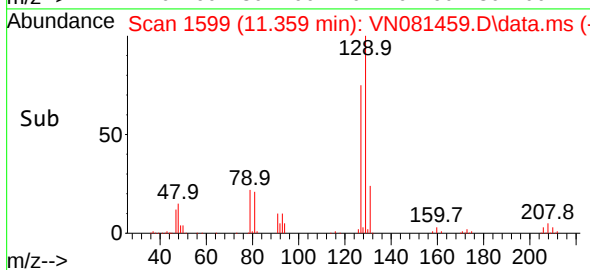
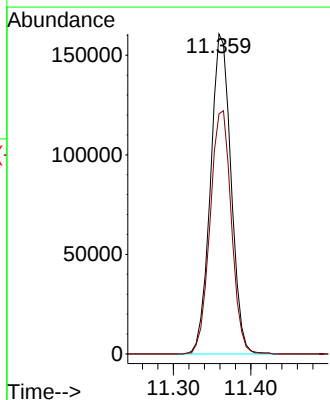
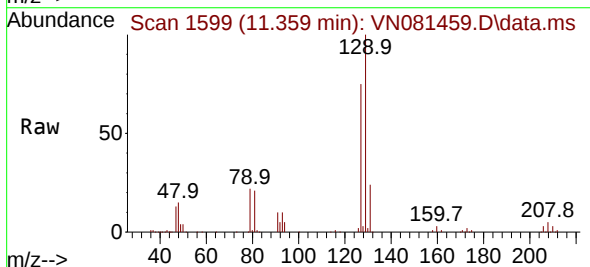
Manual Integrations
APPROVED

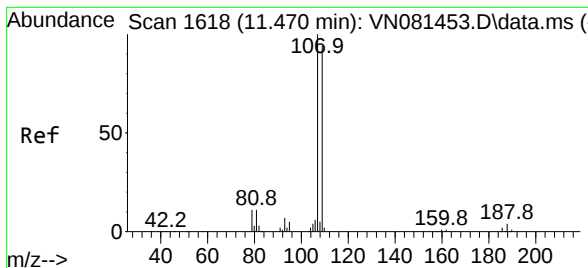
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#60
Dibromochloromethane
Concen: 46.618 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

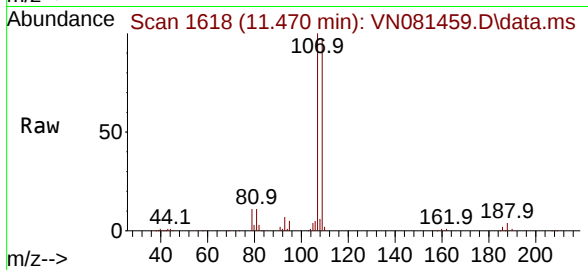
Tgt Ion:129 Resp: 295869
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 47.506 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

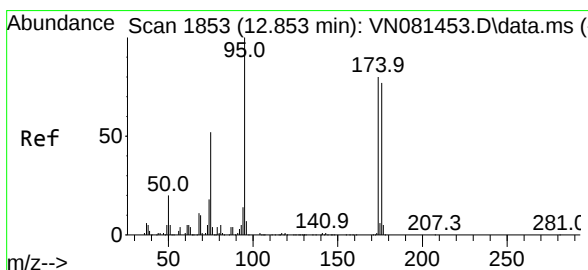
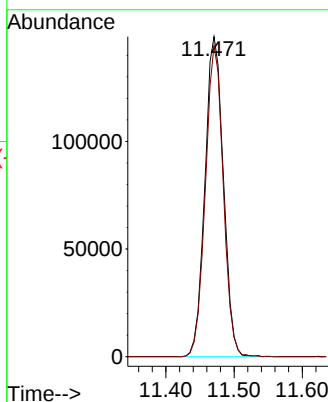
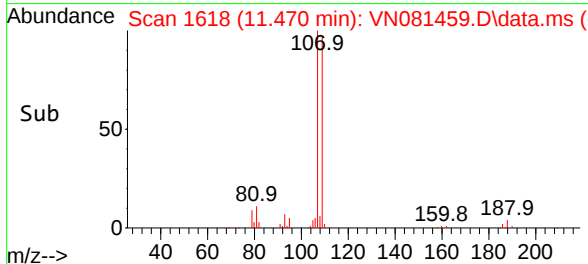
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



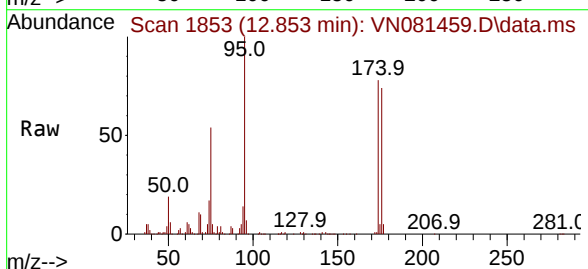
Tgt Ion:107 Resp: 279508
Ion Ratio Lower Upper
107 100
109 94.2 73.4 110.2

Manual Integrations
APPROVED

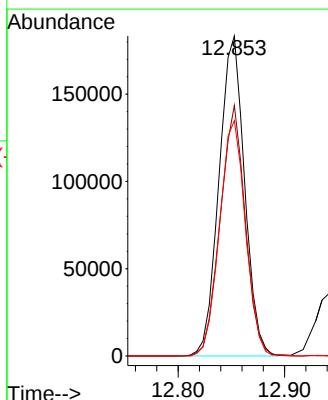
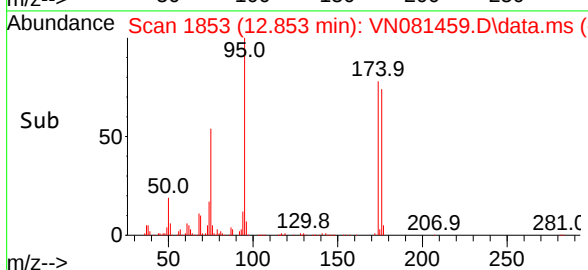
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

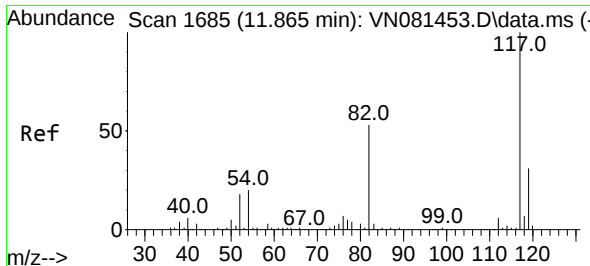


#62
4-Bromofluorobenzene
Concen: 52.268 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



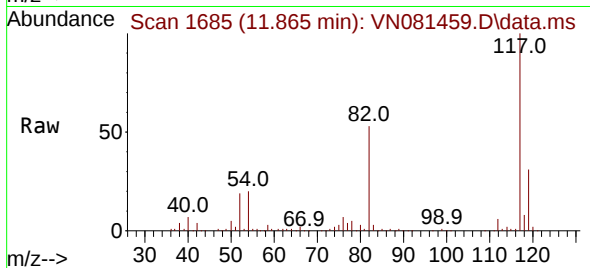
Tgt Ion: 95 Resp: 305293
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 74.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

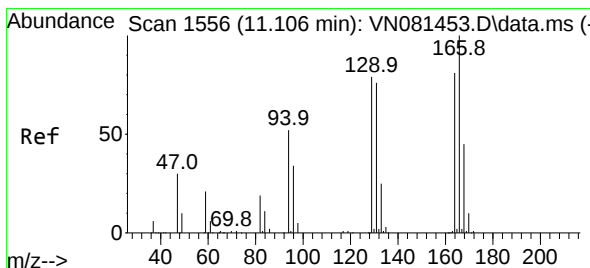
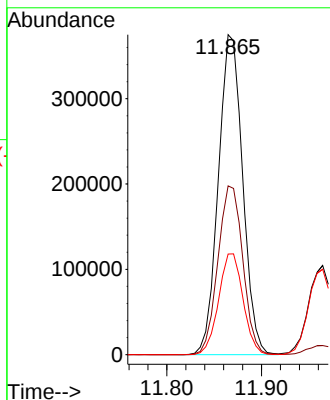
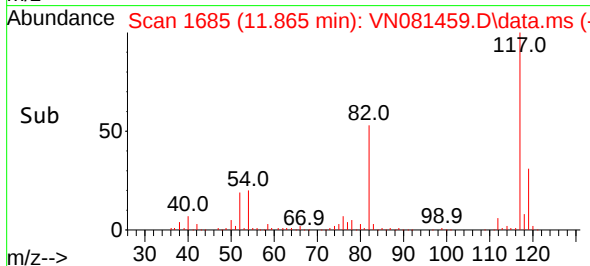
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion:117 Resp: 670244
Ion Ratio Lower Upper
117 100
82 52.7 52.7 79.1
119 31.5 25.3 37.9

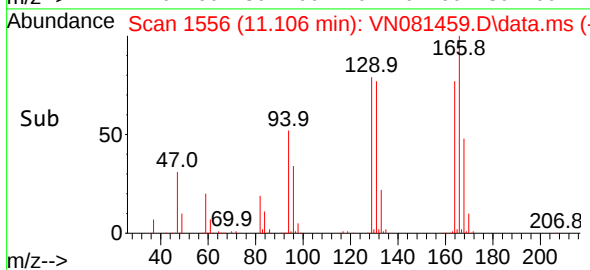
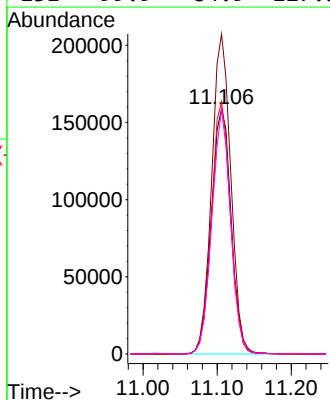
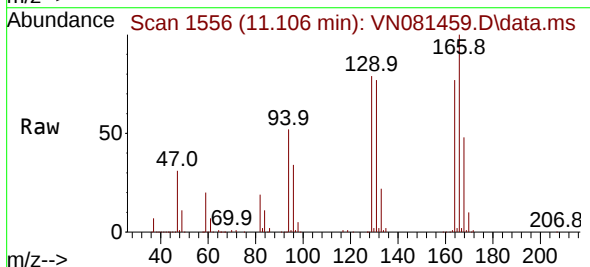
Manual Integrations
APPROVED

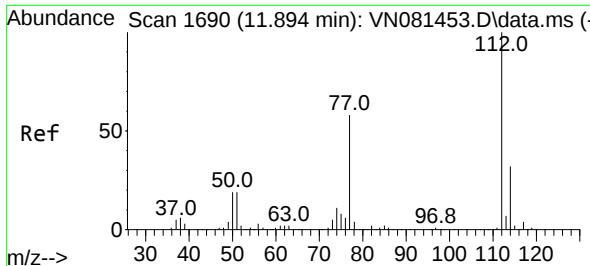
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#64
Tetrachloroethene
Concen: 46.056 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

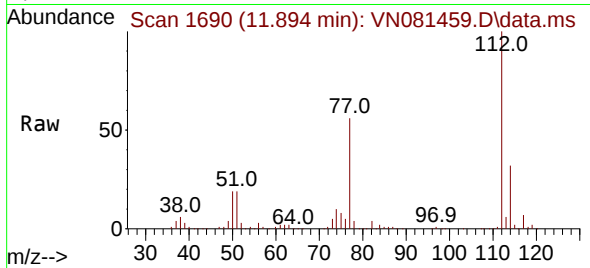
Tgt Ion:164 Resp: 295064
Ion Ratio Lower Upper
164 100
166 130.5 105.8 158.6
129 102.9 89.6 134.4
131 99.9 84.9 127.3





#65
Chlorobenzene
Concen: 46.123 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

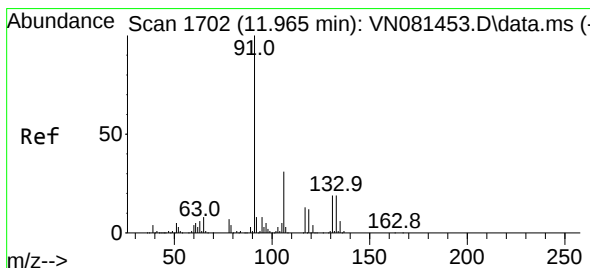
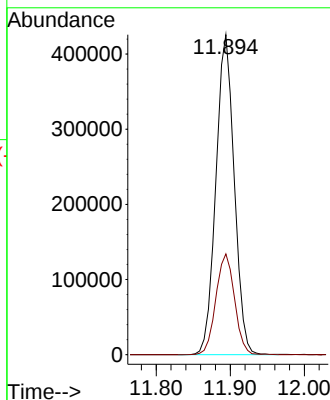
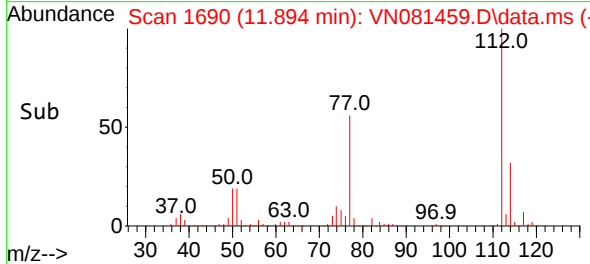
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



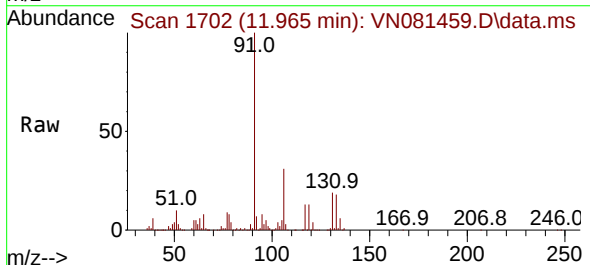
Tgt Ion:112 Resp: 730800
Ion Ratio Lower Upper
112 100
114 31.5 23.7 35.5

Manual Integrations
APPROVED

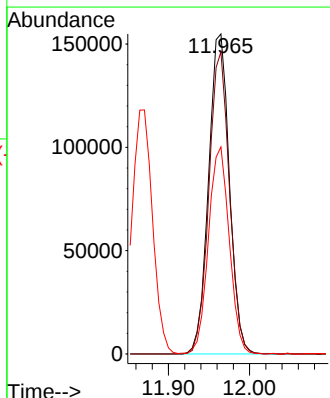
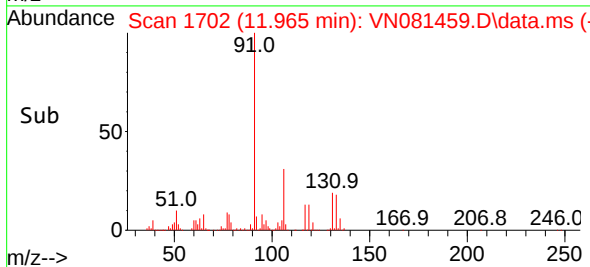
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

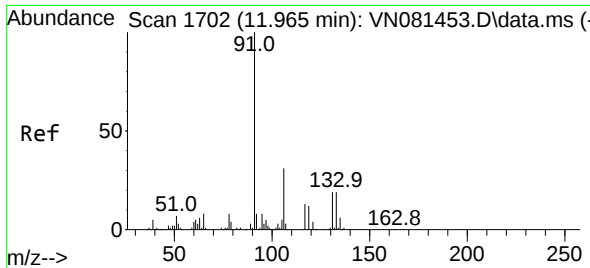


#66
1,1,1,2-Tetrachloroethane
Concen: 46.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



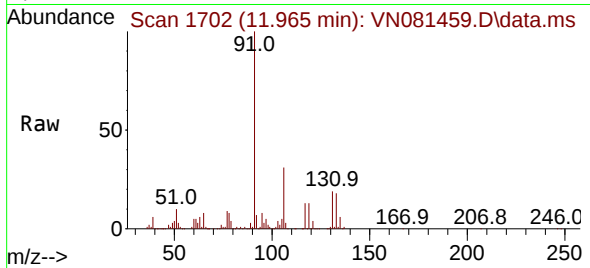
Tgt Ion:131 Resp: 275748
Ion Ratio Lower Upper
131 100
133 93.2 46.8 140.3
119 64.8 34.6 103.9





#67
Ethyl Benzene
Concen: 47.905 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

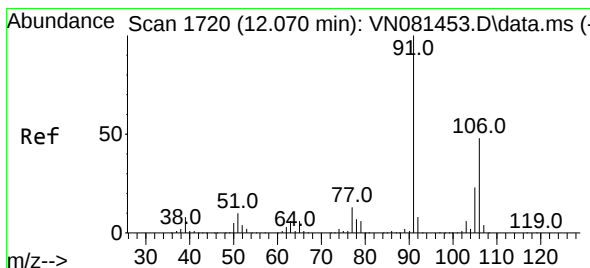
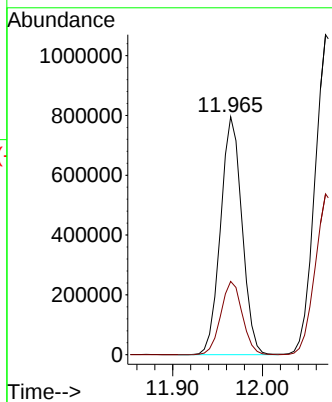
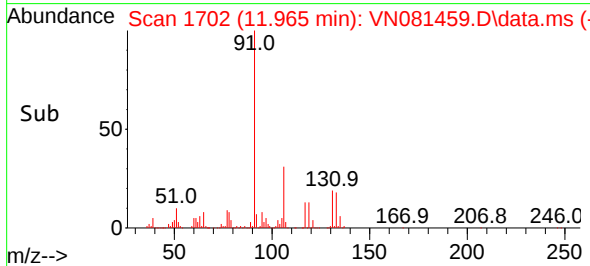
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



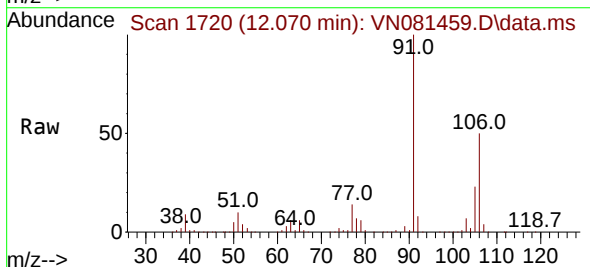
Tgt Ion: 91 Resp: 131848
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6

Manual Integrations
APPROVED

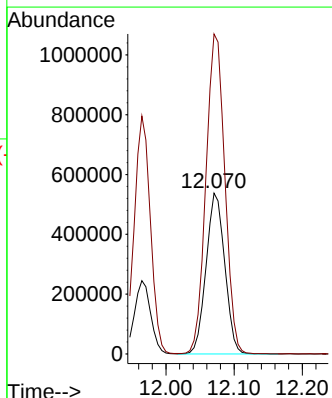
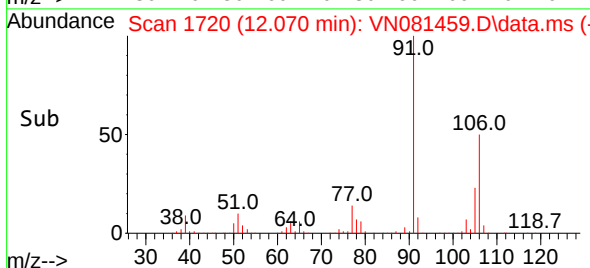
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

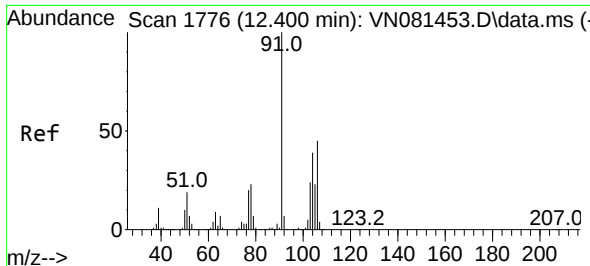


#68
m/p-Xylenes
Concen: 99.284 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



Tgt Ion:106 Resp: 1024409
Ion Ratio Lower Upper
106 100
91 201.5 169.0 253.6





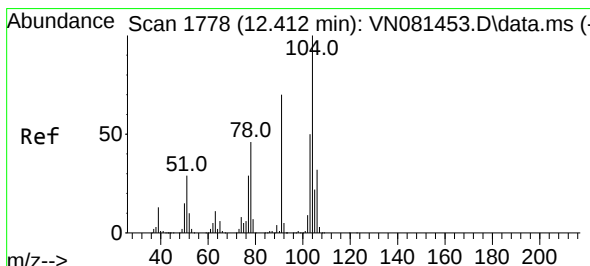
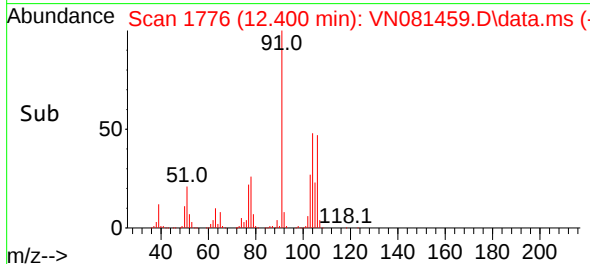
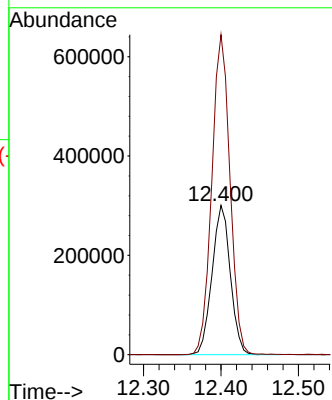
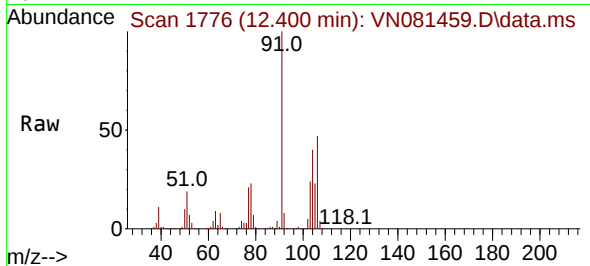
#69
o-Xylene
Concen: 48.687 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824

Tgt Ion:106 Resp: 493174
Ion Ratio Lower Upper
106 100
91 213.6 112.1 336.3

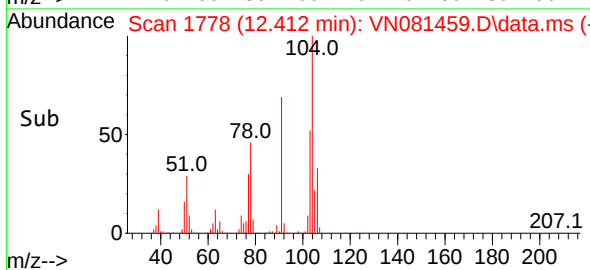
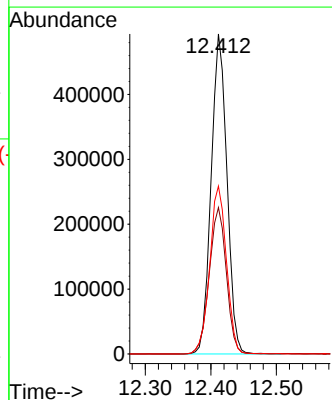
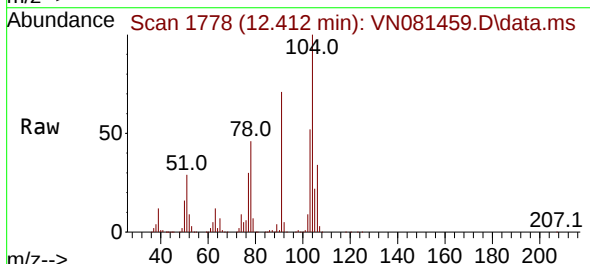
Manual Integrations
APPROVED

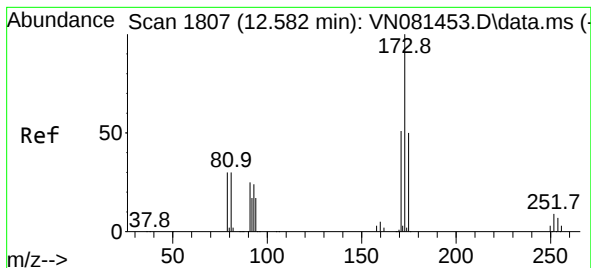
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#70
Styrene
Concen: 50.503 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion:104 Resp: 825066
Ion Ratio Lower Upper
104 100
78 49.5 43.8 65.8
103 55.7 44.2 66.2





#71

Bromoform

Concen: 46.557 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

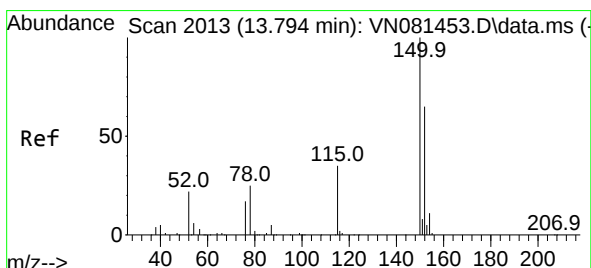
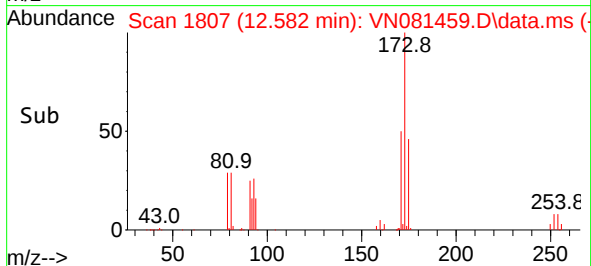
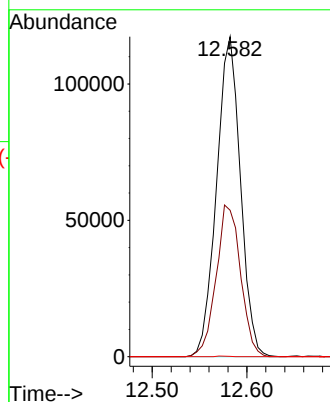
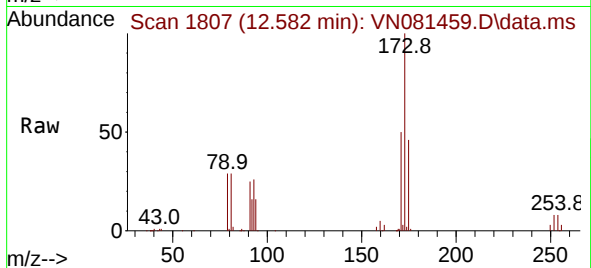
Tgt Ion:	173	Resp:	205450
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.1	69.2
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

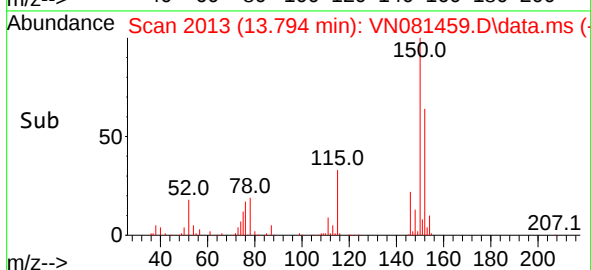
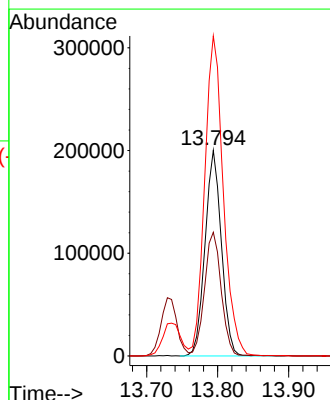
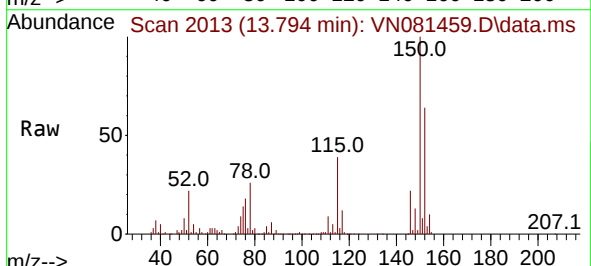
RT: 13.794 min Scan# 2013

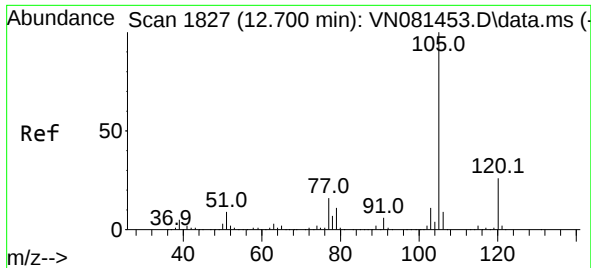
Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

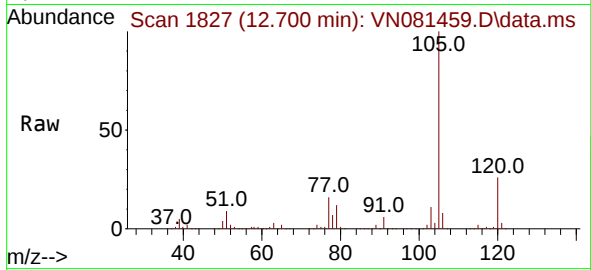
Tgt Ion:	152	Resp:	321248
Ion Ratio	Lower	Upper	
152	100		
115	60.9	32.3	96.8
150	176.1	0.0	339.8





#73
Isopropylbenzene
Concen: 47.433 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

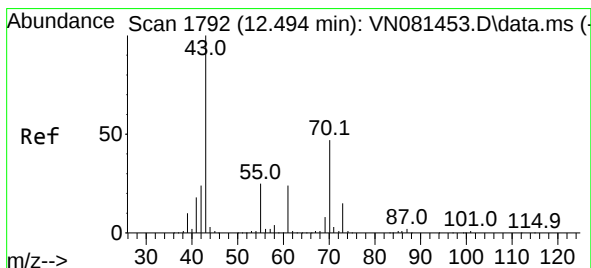
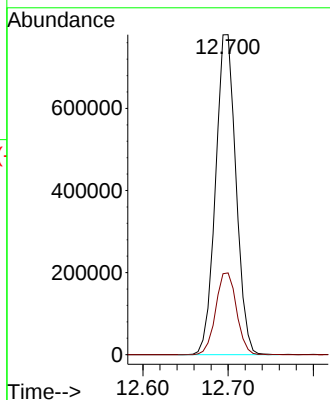
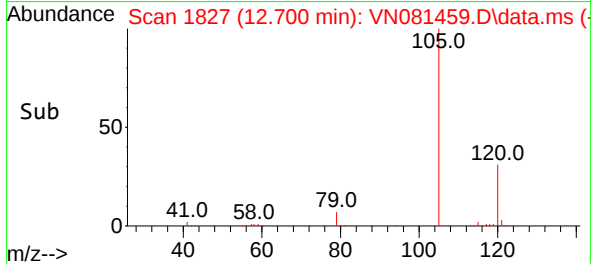
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion:105 Resp: 129887
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6

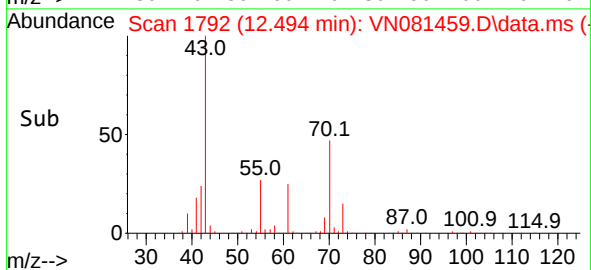
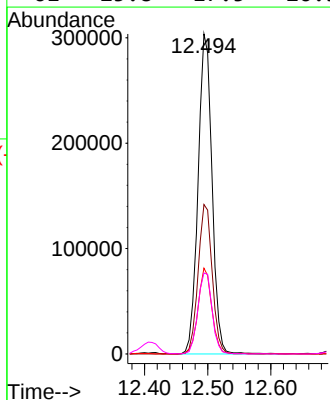
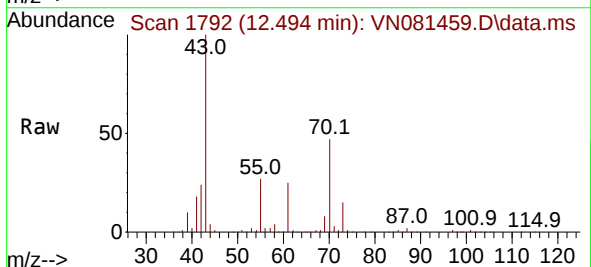
Manual Integrations
APPROVED

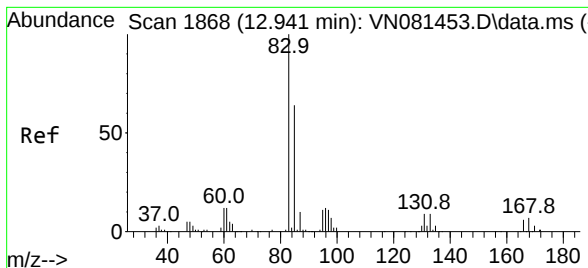
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#74
N-ethyl acetate
Concen: 47.199 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

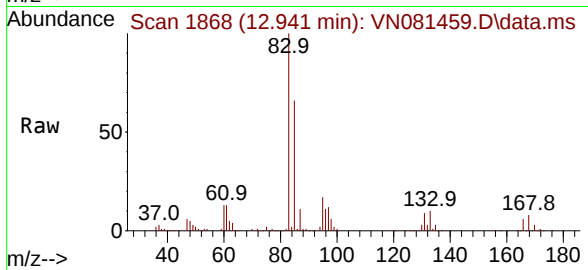
Tgt Ion: 43 Resp: 467727
Ion Ratio Lower Upper
43 100
70 47.0 30.1 45.1#
55 26.5 17.0 25.4#
61 25.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 43.644 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

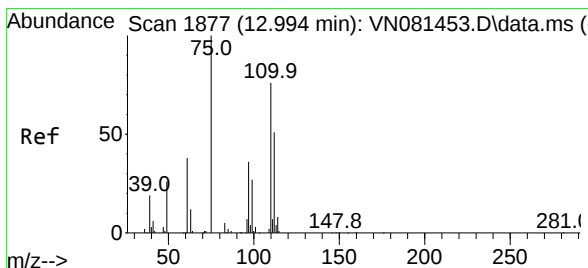
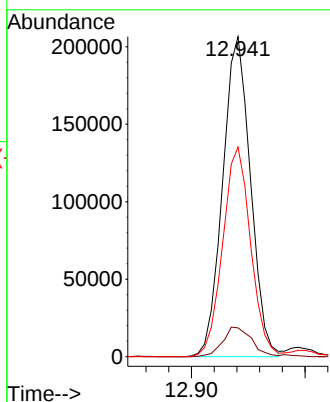
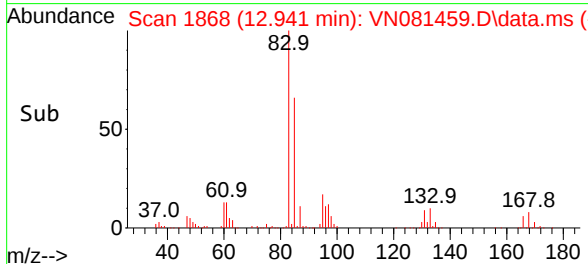
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 83 Resp: 351388
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 65.9 32.1 96.3

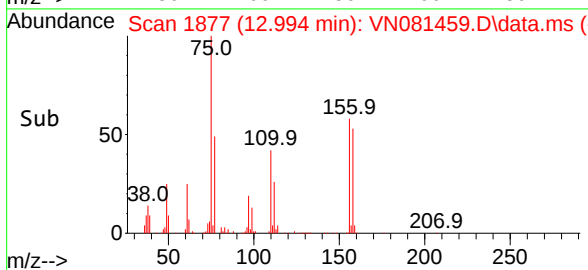
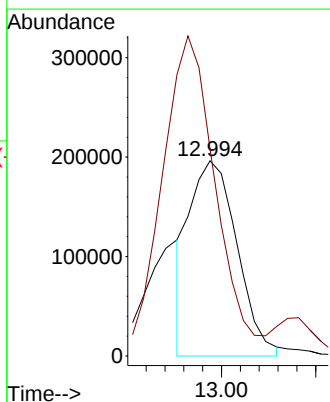
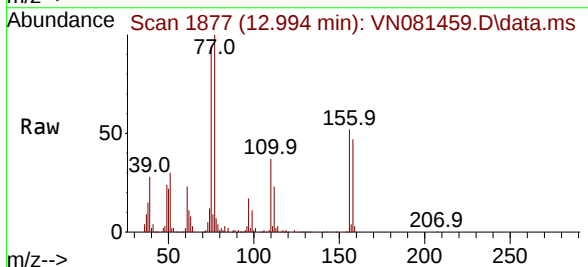
Manual Integrations
APPROVED

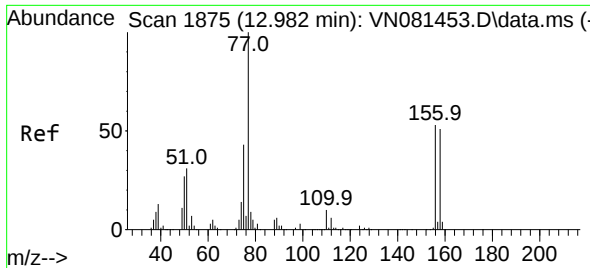
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#76
1,2,3-Trichloropropane
Concen: 44.725 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

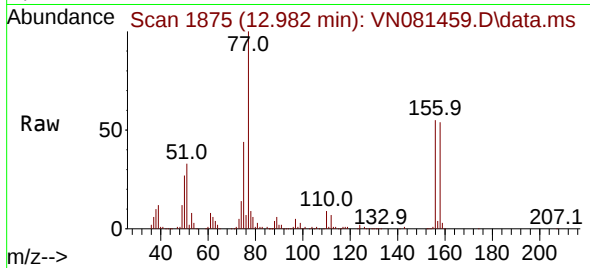
Tgt Ion: 75 Resp: 343681
Ion Ratio Lower Upper
75 100
77 185.5 91.0 272.8





#77
Bromobenzene
Concen: 45.556 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

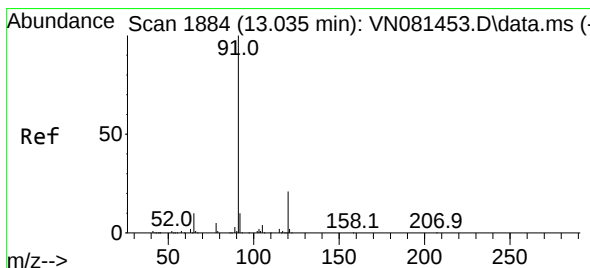
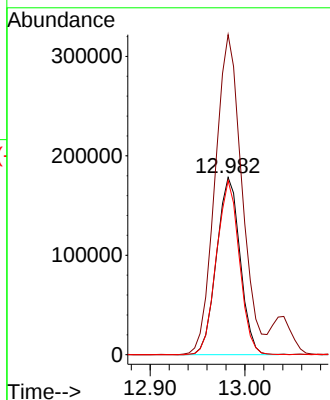
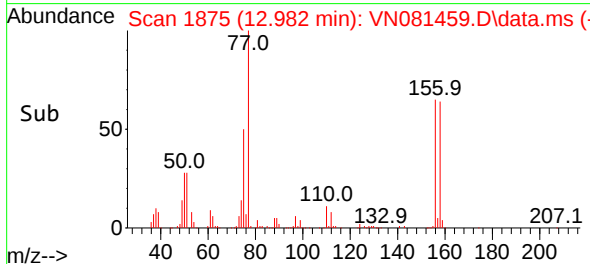
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



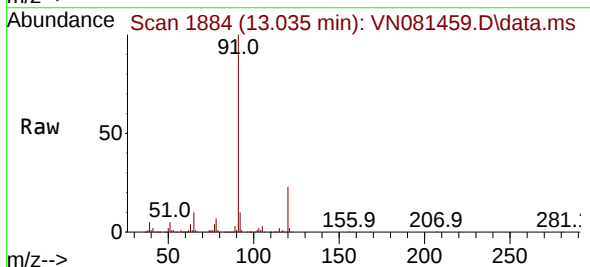
Tgt Ion:156 Resp: 308162
Ion Ratio Lower Upper
156 100
77 206.9 138.1 414.3
158 95.7 46.5 139.5

Manual Integrations
APPROVED

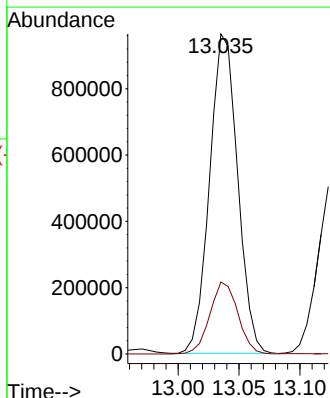
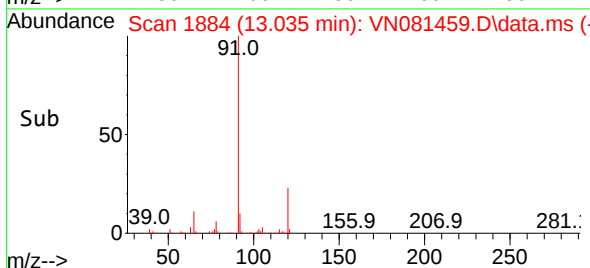
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

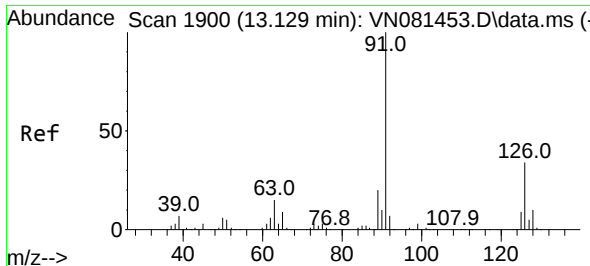


#78
n-propylbenzene
Concen: 47.794 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



Tgt Ion: 91 Resp: 1545580
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9





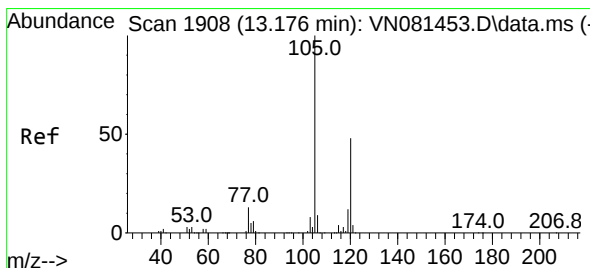
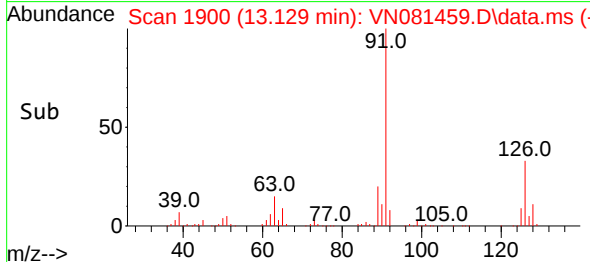
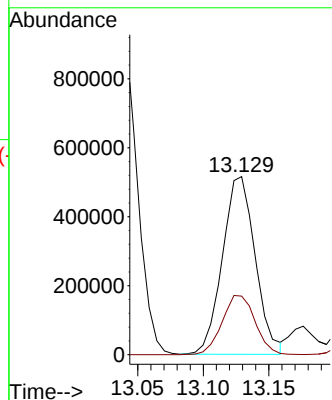
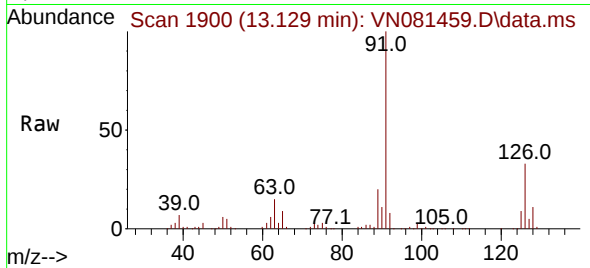
#79
2-Chlorotoluene
Concen: 46.382 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824

Tgt Ion: 91 Resp: 89772
Ion Ratio Lower Upper
91 100
126 33.6 14.8 44.4

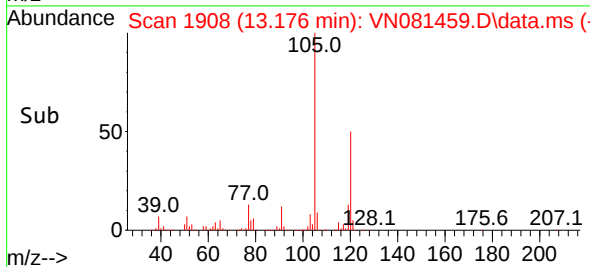
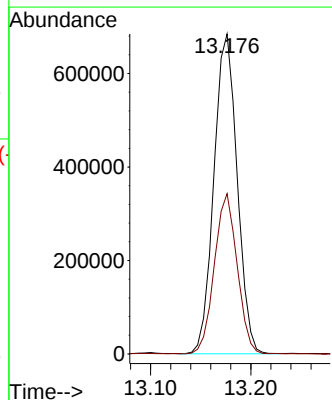
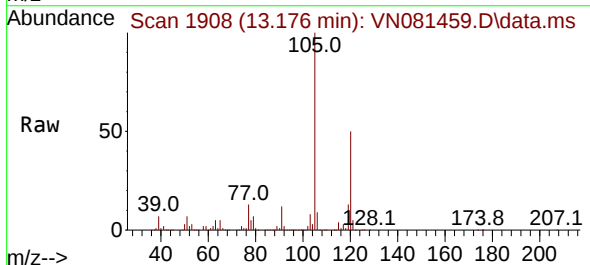
Manual Integrations
APPROVED

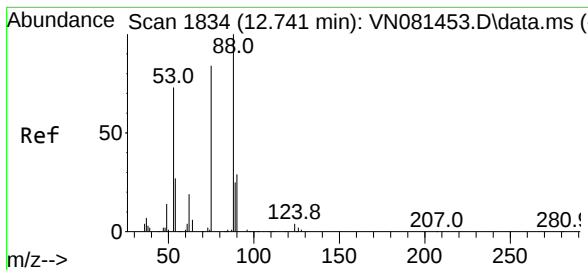
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.644 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

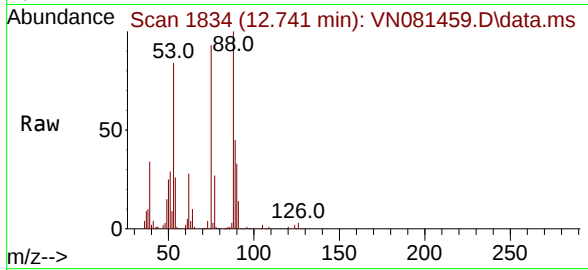
Tgt Ion:105 Resp: 1100205
Ion Ratio Lower Upper
105 100
120 49.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 46.540 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

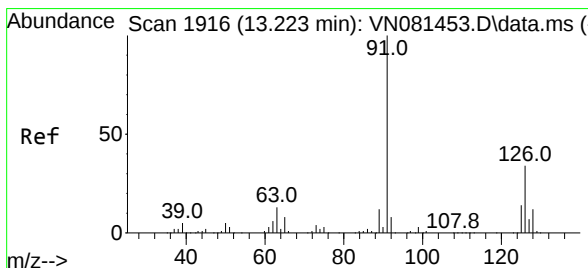
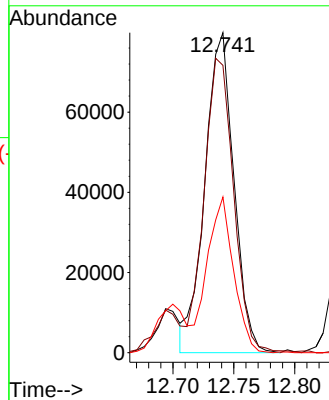
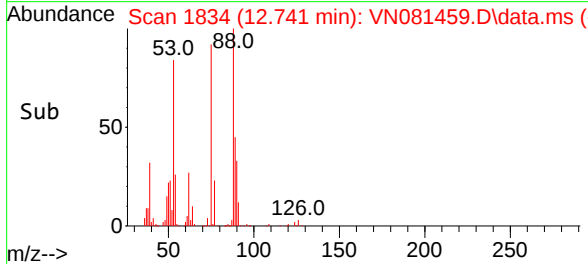
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion: 75 Resp: 13234
Ion Ratio Lower Upper
75 100
53 93.2 71.4 107.2
89 45.1 33.4 50.0

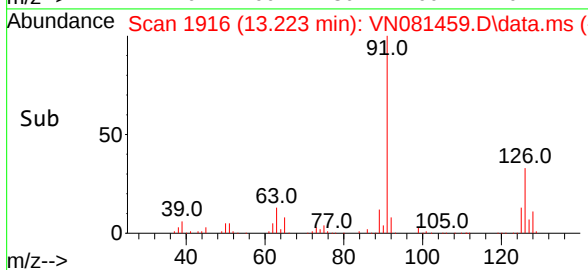
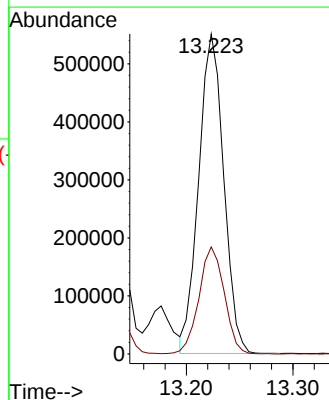
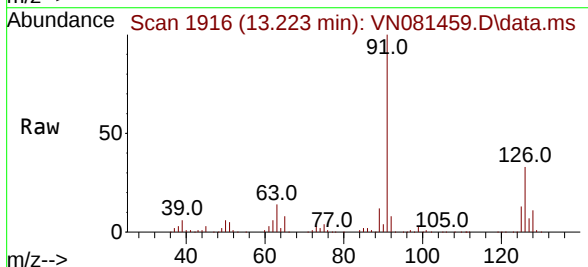
Manual Integrations
APPROVED

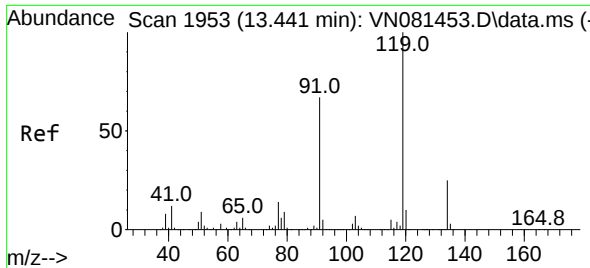
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#82
4-Chlorotoluene
Concen: 47.140 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion: 91 Resp: 899540
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9





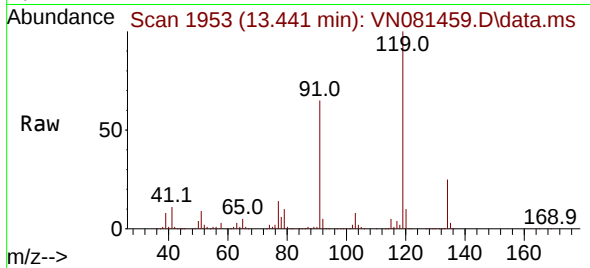
#83
tert-Butylbenzene
Concen: 47.607 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824



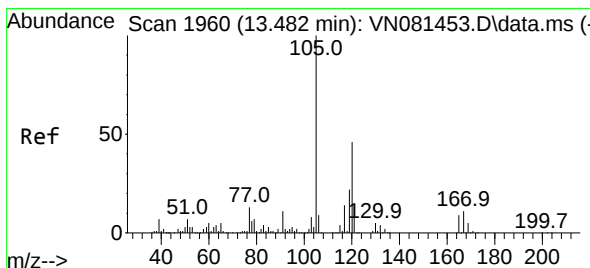
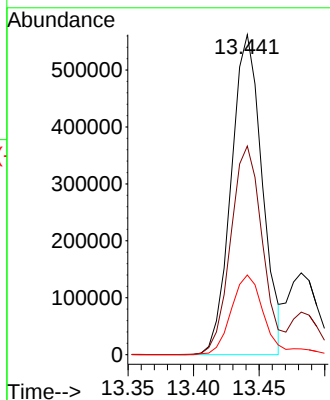
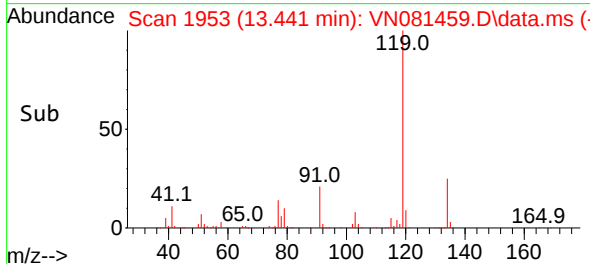
Tgt Ion:119 Resp: 928519
Ion Ratio Lower Upper
119 100
91 67.2 36.8 110.4
134 26.7 12.4 37.4

Manual Integrations

APPROVED

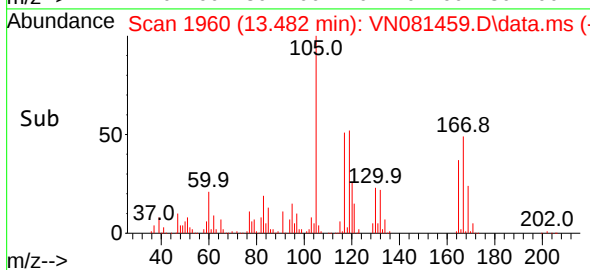
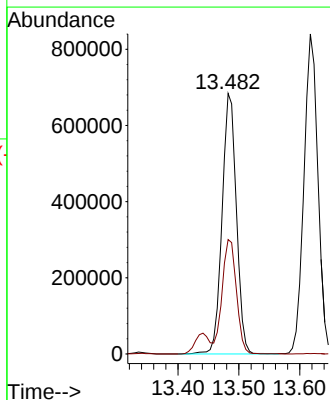
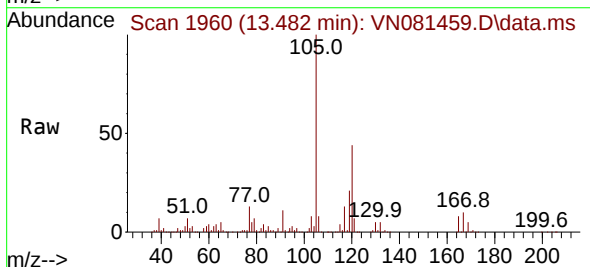
Reviewed By :John Carlone 03/19/2024

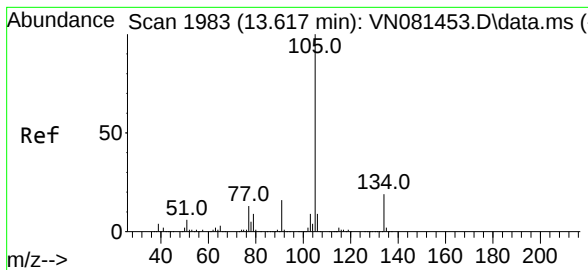
Supervised By :Mahesh Dadoda 03/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.167 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

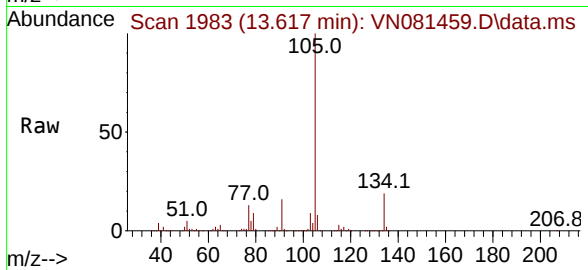
Tgt Ion:105 Resp: 1117674
Ion Ratio Lower Upper
105 100
120 43.3 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 48.146 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14

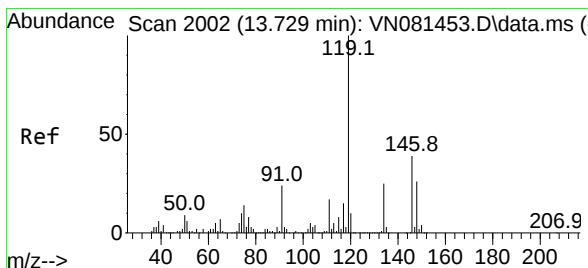
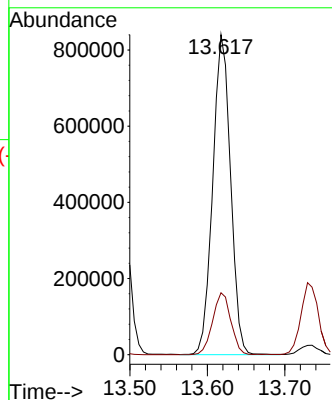
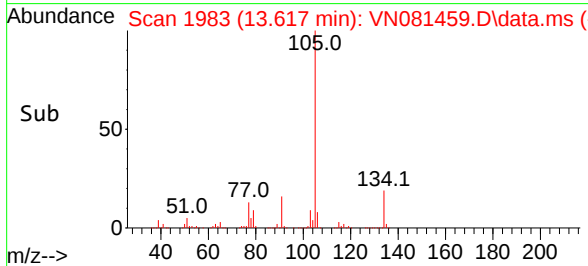
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031824



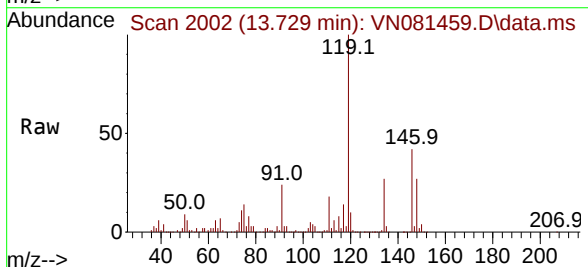
Tgt Ion:105 Resp: 1342372
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

Manual Integrations
 APPROVED

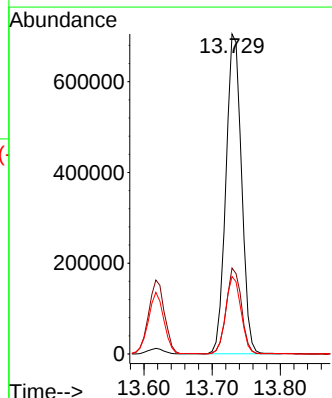
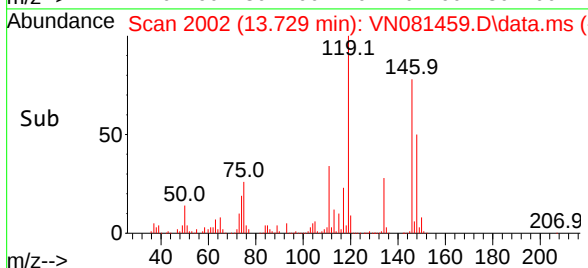
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

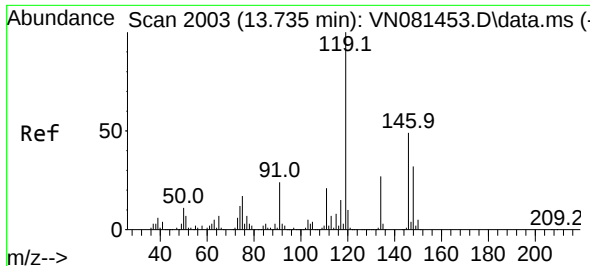


#86
 p-Isopropyltoluene
 Concen: 49.150 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081459.D
 Acq: 18 Mar 2024 19:14



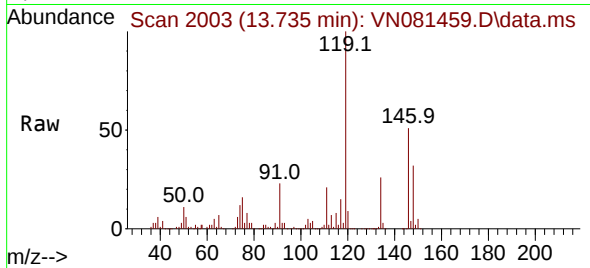
Tgt Ion:119 Resp: 1120209
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 23.9 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 46.231 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

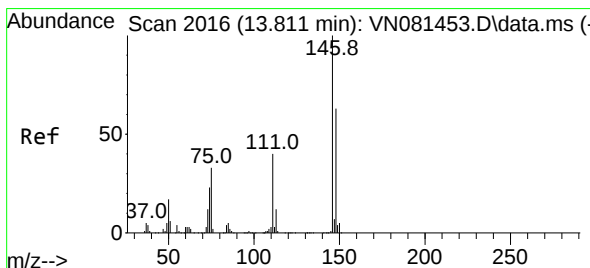
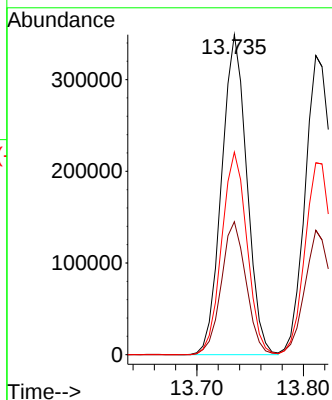
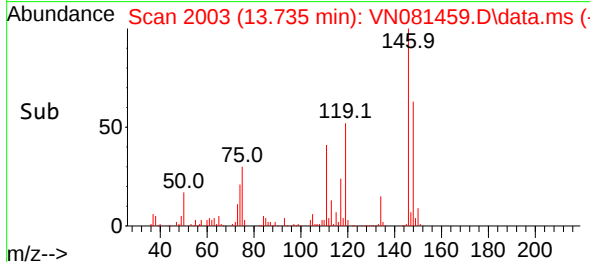
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



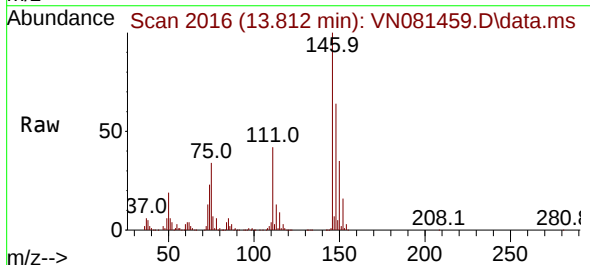
Tgt Ion:146 Resp: 574572
Ion Ratio Lower Upper
146 100
111 40.7 23.9 71.7
148 63.3 32.6 97.7

Manual Integrations
APPROVED

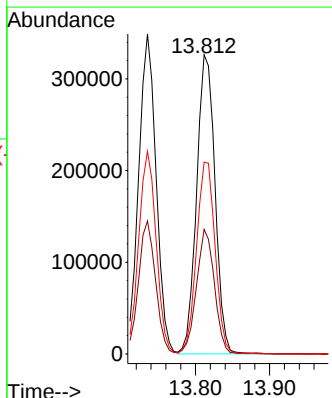
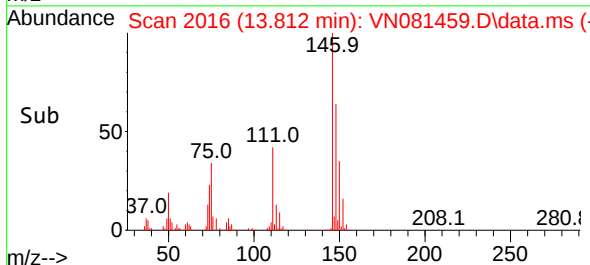
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

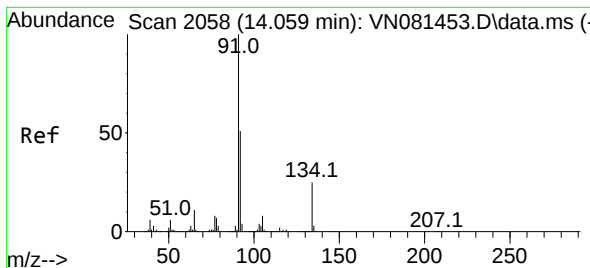


#88
1,4-Dichlorobenzene
Concen: 43.732 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14



Tgt Ion:146 Resp: 562783
Ion Ratio Lower Upper
146 100
111 40.1 22.6 67.7
148 64.9 31.9 95.5





#89

n-Butylbenzene

Concen: 47.885 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN031824

Tgt Ion: 91 Resp: 967750

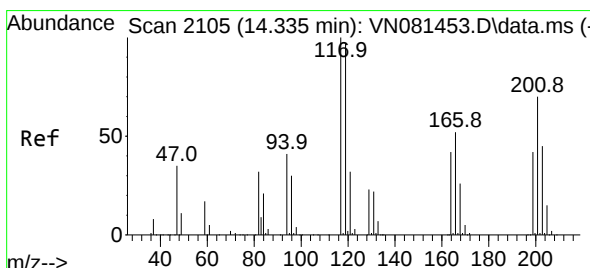
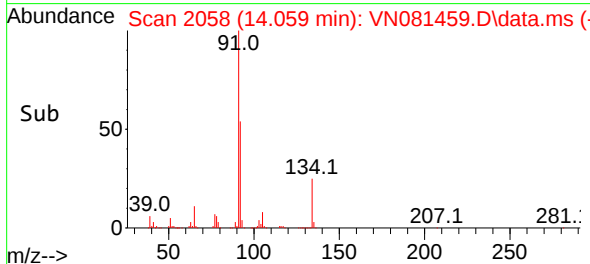
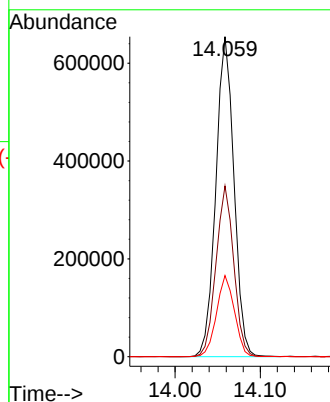
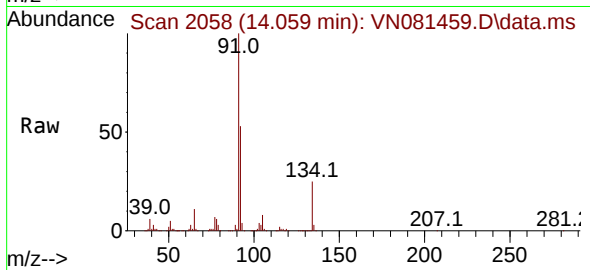
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.1
134	25.1	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#90

Hexachloroethane

Concen: 45.564 ug/l

RT: 14.335 min Scan# 2105

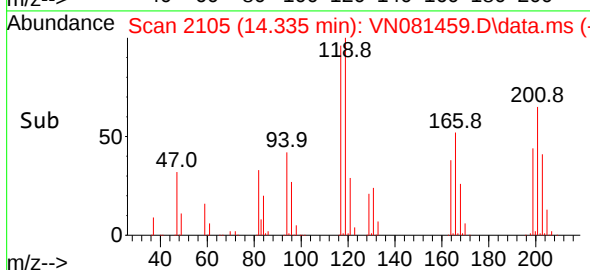
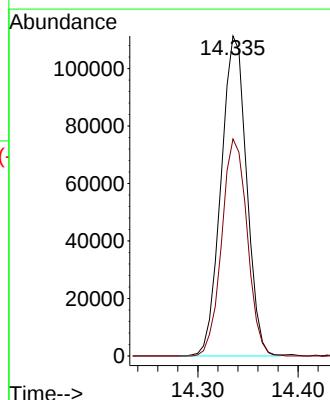
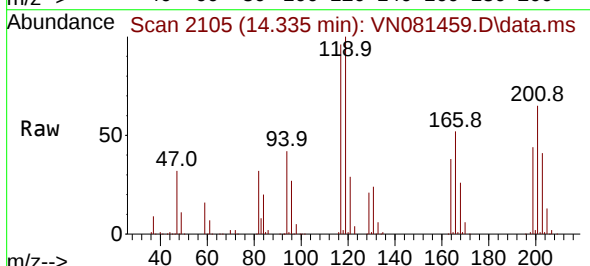
Delta R.T. 0.000 min

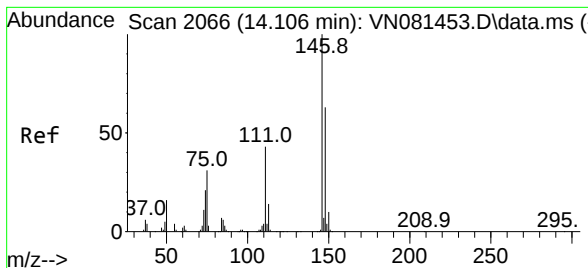
Lab File: VN081459.D

Acq: 18 Mar 2024 19:14

Tgt Ion:117 Resp: 196670

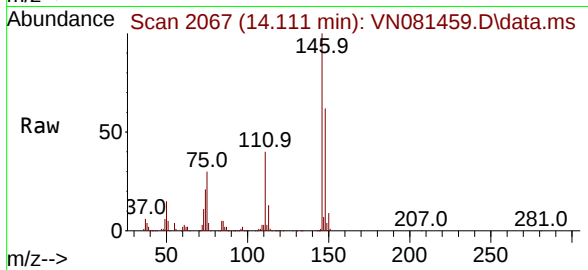
Ion	Ratio	Lower	Upper
117	100		
201	67.5	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 46.024 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

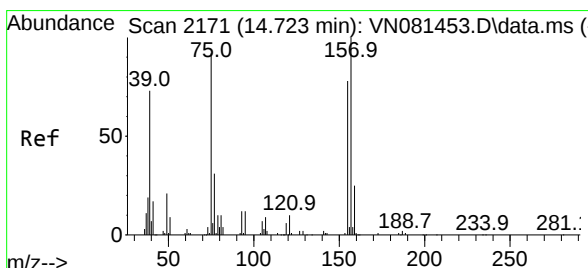
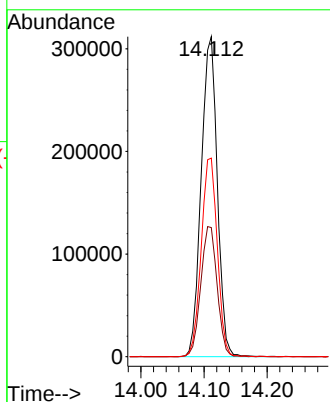
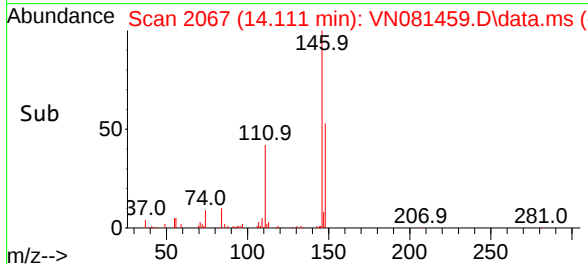
Instrument : MSVOA_N
ClientSampleId : ICVVN031824



Tgt Ion:146 Resp: 550550
Ion Ratio Lower Upper
146 100
111 41.4 23.9 71.8
148 62.1 31.4 94.0

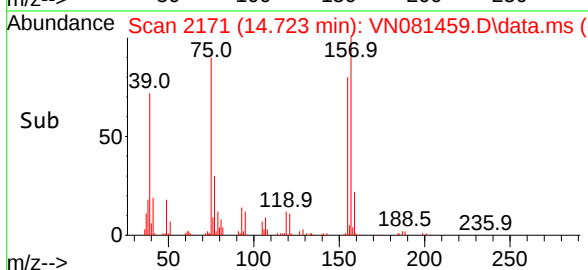
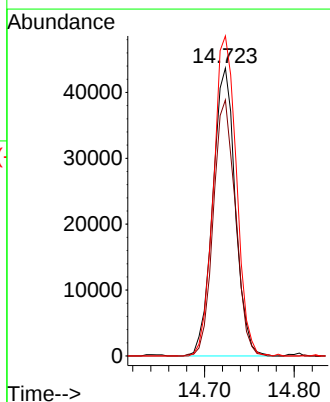
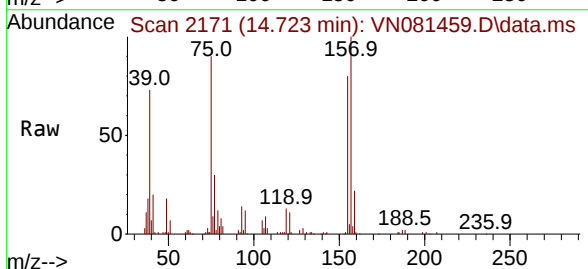
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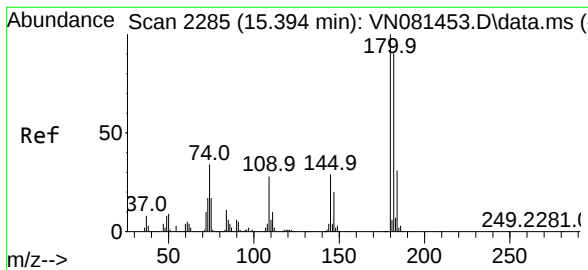
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.469 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

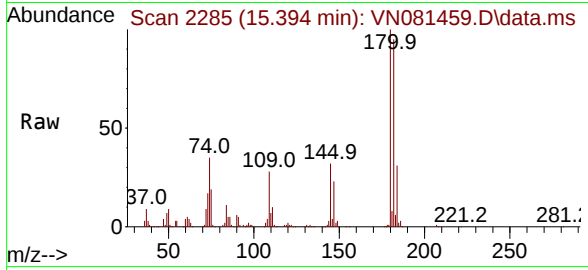
Tgt Ion: 75 Resp: 76195
Ion Ratio Lower Upper
75 100
155 87.2 31.8 95.4
157 112.7 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 44.861 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

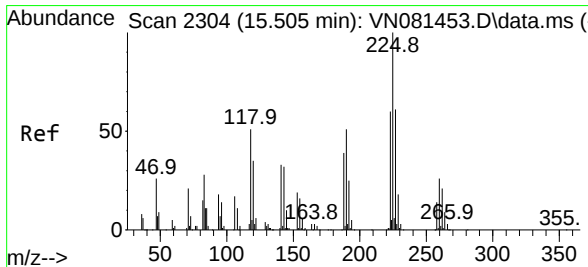
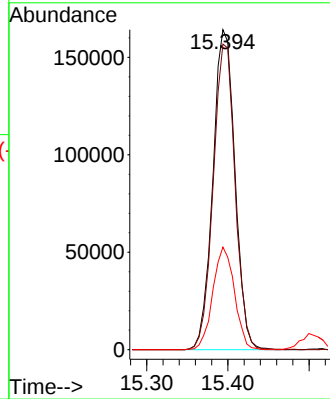
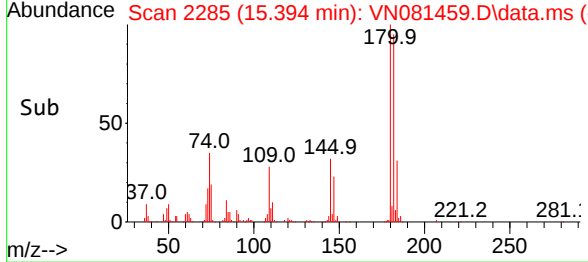
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion:180 Resp: 31029
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.7
145 31.4 16.8 50.3

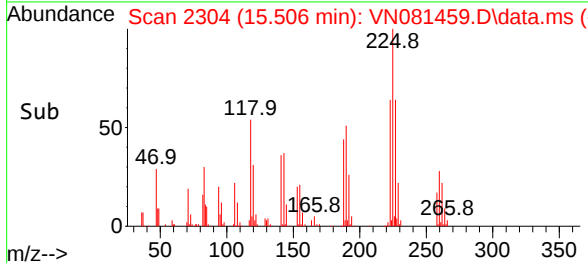
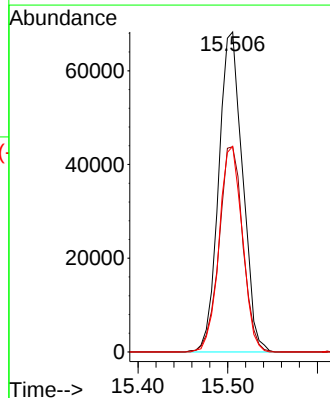
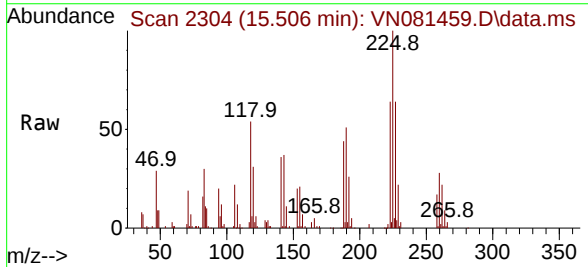
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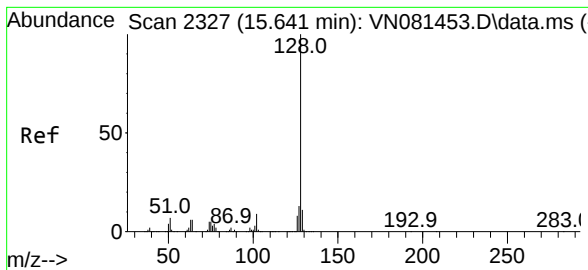
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#94
Hexachlorobutadiene
Concen: 41.587 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

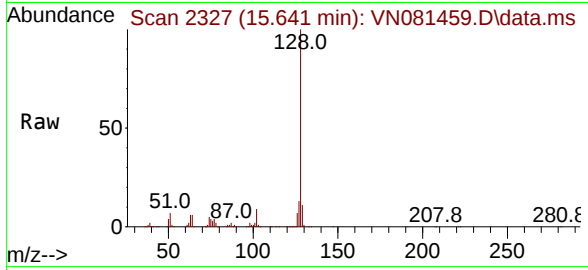
Tgt Ion:225 Resp: 126207
Ion Ratio Lower Upper
225 100
223 63.9 33.3 99.8
227 62.4 33.1 99.2





#95
Naphthalene
Concen: 47.998 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

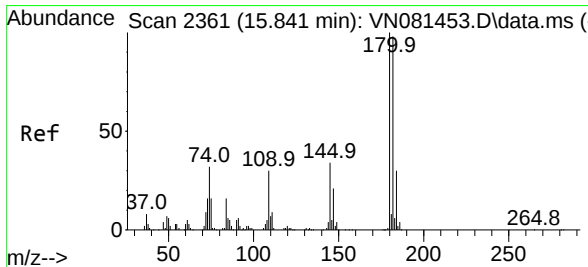
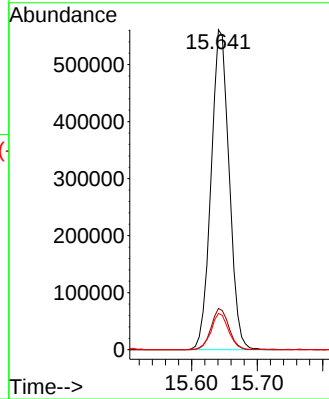
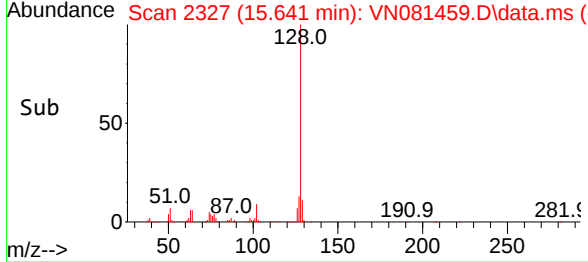
Instrument :
MSVOA_N
ClientSampleId :
ICVVN031824



Tgt Ion:128 Resp: 1075739
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.843 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081459.D
Acq: 18 Mar 2024 19:14

Tgt Ion:180 Resp: 311980
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.3
145 33.8 17.8 53.4

