

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083530.D
 Acq On : 28 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 15:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29838	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	178579	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158006	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83058	30.970	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.233%			
60) 4-Bromofluorobenzene	12.847	95	85051	30.404	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.333%			
63) Toluene-d8	10.565	98	220318	30.203	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	40742	20.332	ug/l	93
3) Chloromethane	2.359	50	39755	19.294	ug/l	98
4) Vinyl Chloride	2.512	62	41623	19.237	ug/l	93
5) Bromomethane	2.900	94	21941	20.817	ug/l	93
6) Chloroethane	3.083	64	27434	19.355	ug/l	94
7) Trichlorofluoromethane	3.471	101	70997	19.854	ug/l	94
8) Diethyl Ether	3.947	74	24795	19.739	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.359	101	38249	19.359	ug/l	94
10) 1,1-Dichloroethene	4.330	96	36381	19.450	ug/l #	81
11) Methyl Iodide	4.583	142	50451	19.597	ug/l	94
12) Methyl Acetate	5.018	43	65511	20.405	ug/l #	80
13) Acrolein	4.177	56	26735	86.341	ug/l #	54
14) Acrylonitrile	5.718	53	98572	98.872	ug/l	96
15) Acetone	4.424	58	27337	92.674	ug/l	84
16) Carbon Disulfide	4.700	76	93418	18.536	ug/l	99
17) Allyl chloride	5.012	41	62989	18.238	ug/l	87
18) Methylene Chloride	5.265	84	41878	20.187	ug/l	87
19) trans-1,2-Dichloroethene	5.783	96	36609	18.987	ug/l	97
20) Diisopropyl ether	6.671	45	132008	19.655	ug/l	96
21) 1,1-Dichloroethane	6.565	63	73664	19.427	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	47610	19.961	ug/l	94
23) tert-Butyl Alcohol	5.530	59	43587	103.622	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	138950	20.058	ug/l #	88
25) Chloroform	7.965	83	79670	19.816	ug/l	97
26) Cyclohexane	8.253	56	63218	19.178	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	52158	18.617	ug/l	98
30) 2-Butanone	7.482	43	140320	97.629	ug/l	94
31) 2,2-Dichloropropane	7.488	77	70751	19.476	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	74610	19.927	ug/l	99
33) Carbon Tetrachloride	8.359	117	63960	19.618	ug/l	98
34) Benzene	8.606	78	166979	19.641	ug/l	97
35) Methacrylonitrile	7.777	41	33523	20.158	ug/l	94
36) 1,2-Dichloroethane	8.671	62	62615	19.753	ug/l	95
37) Trichloroethene	9.353	130	38917	19.316	ug/l	99
38) Methylcyclohexane	9.600	83	66091	19.236	ug/l	97
39) 1,2-Dichloropropane	9.618	63	39998	19.351	ug/l	96
40) Dibromomethane	9.712	93	29103	19.615	ug/l	94
41) Bromodichloromethane	9.888	83	62351	19.444	ug/l	97
42) Vinyl Acetate	6.600	43	688039	97.547	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083530.D
 Acq On : 28 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824

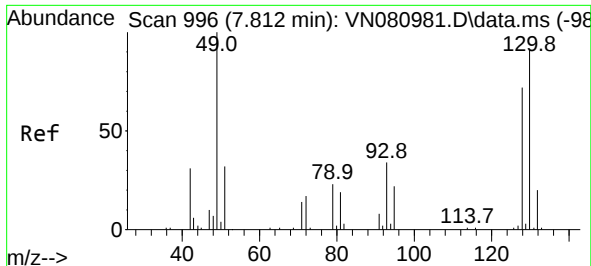
Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 15:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

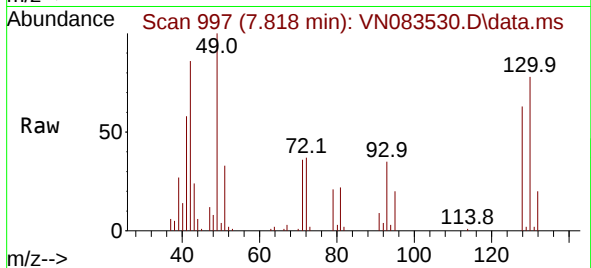
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	54156	19.618	ug/l	95
44) Isopropyl Acetate	8.688	43	151636m	23.251	ug/l	
45) 1,4-Dioxane	9.694	88	17659m	417.556	ug/l	
46) Methyl methacrylate	9.682	41	48356	20.066	ug/l	81
47) n-amyl Acetate	12.494	43	85877	19.134	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	64019	18.826	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	67535	19.052	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	39023	19.624	ug/l	98
51) Ethyl methacrylate	10.876	69	67832	19.560	ug/l	77
52) 1,3-Dichloropropane	11.165	76	68140	19.625	ug/l	99
53) Dibromochloromethane	11.359	129	45194	19.400	ug/l	100
54) 1,2-Dibromoethane	11.470	107	39751	19.511	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	133985	90.753	ug/l	99
56) Bromoform	12.582	173	29124	19.148	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	291595	104.055	ug/l #	89
59) 2-Hexanone	11.194	43	217405	101.161	ug/l	90
61) Tetrachloroethene	11.106	164	32769	19.528	ug/l	91
62) Toluene	10.629	91	177441	19.414	ug/l	100
64) Chlorobenzene	11.894	112	110839	19.575	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	38978	19.341	ug/l	95
66) Ethyl Benzene	11.965	91	197047	19.110	ug/l	96
67) m/p-Xylenes	12.070	106	147597	38.621	ug/l	98
68) o-Xylene	12.400	106	73660	19.628	ug/l	98
69) Styrene	12.412	104	121103	18.953	ug/l	98
70) Isopropylbenzene	12.694	105	191577	19.326	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	58564	20.225	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	51725m	20.688	ug/l	
73) Bromobenzene	12.982	156	43940	19.585	ug/l	93
74) n-propylbenzene	13.035	91	218152	18.994	ug/l	100
75) 2-Chlorotoluene	13.123	91	140796	19.154	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	163364	19.742	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	20580	18.968	ug/l	88
78) 4-Chlorotoluene	13.223	91	139367	19.100	ug/l	100
79) tert-butylbenzene	13.441	119	145072	19.574	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	165012	19.560	ug/l	99
81) sec-Butylbenzene	13.617	105	190910	19.134	ug/l	100
82) p-Isopropyltoluene	13.729	119	159534	18.887	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	81267	18.544	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	78701	17.880	ug/l	99
85) n-Butylbenzene	14.059	91	137531	18.372	ug/l	99
86) Hexachloroethane	14.335	117	31727	19.178	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	80002	18.544	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13645	20.610	ug/l	86
89) 1,2,4-Trichlorobenzene	15.841	180	41676	17.621	ug/l	100
90) Hexachlorobutadiene	15.505	225	18251	18.162	ug/l	99
91) Naphthalene	15.641	128	143825	17.593	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	41676	17.621	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

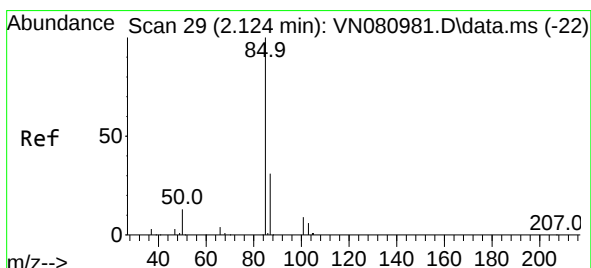
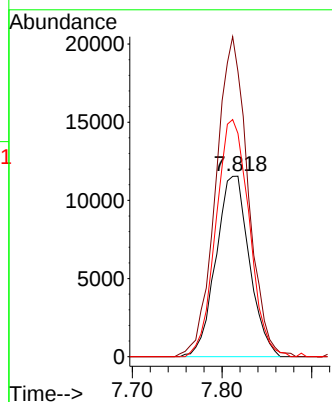
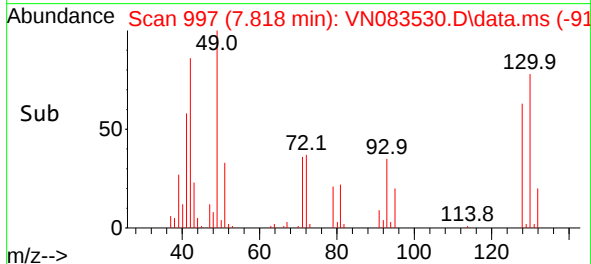
Instrument :
MSVOA_N
Client Sample Id :
ICVVN082824



Tgt Ion: 128 Resp: 29838
Ion Ratio Lower Upper
128 100
49 170.8 0.0 403.7
130 131.1 0.0 323.3

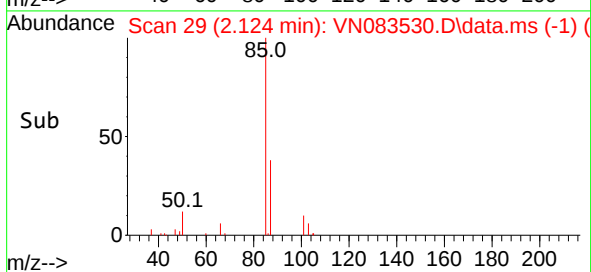
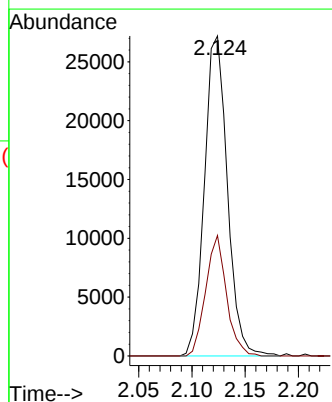
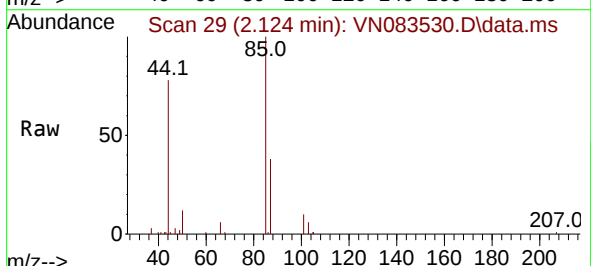
Manual Integrations
APPROVED

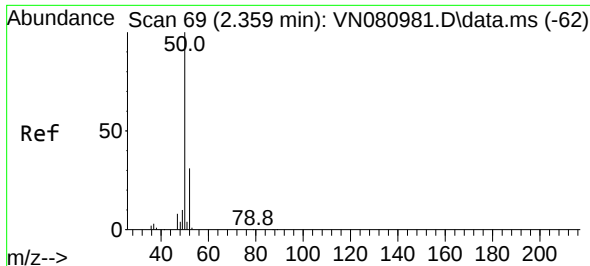
Reviewed By : John Carlone 08/29/2024
Supervised By : Mahesh Dadoda 08/29/2024



#2
Dichlorodifluoromethane
Concen: 20.332 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

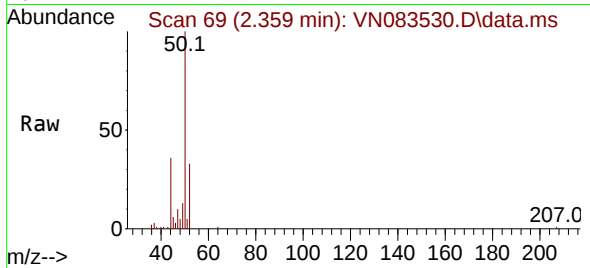
Tgt Ion: 85 Resp: 40742
Ion Ratio Lower Upper
85 100
87 37.7 16.8 50.3





#3
Chloromethane
Concen: 19.294 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

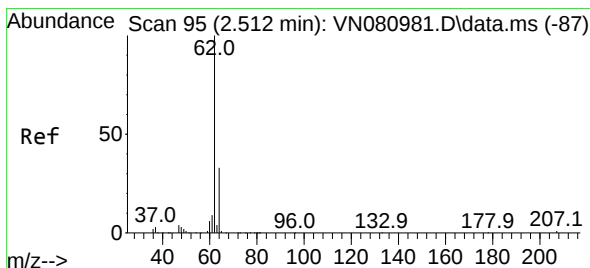
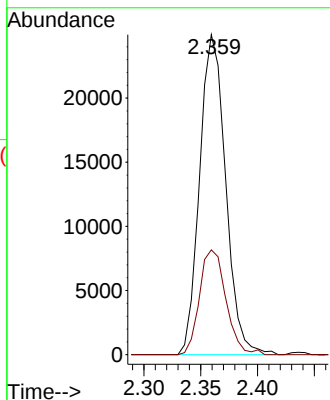
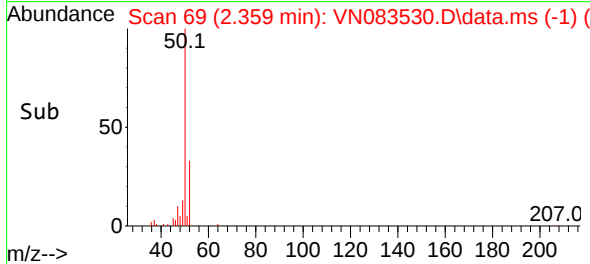
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 50 Resp: 3975
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

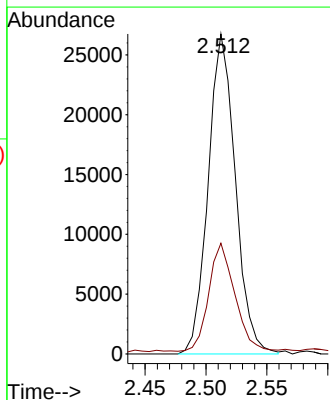
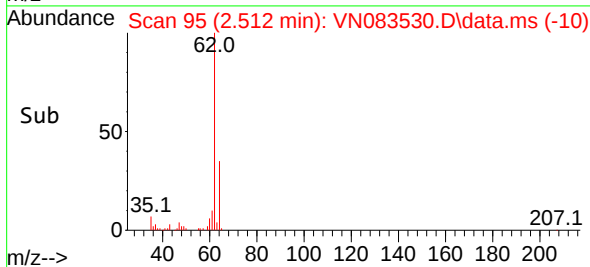
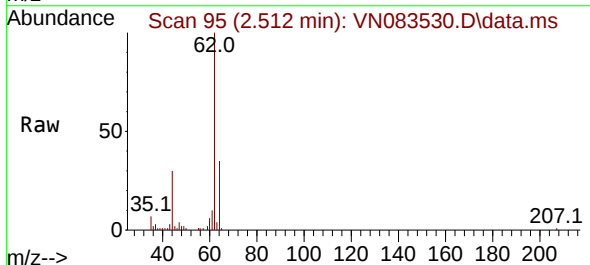
Manual Integrations
APPROVED

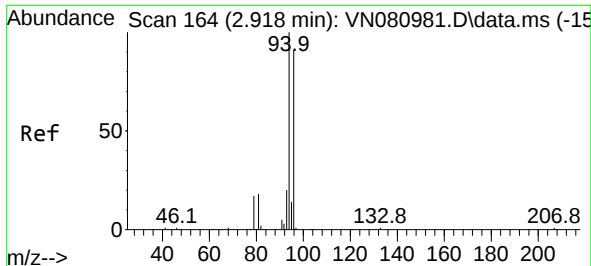
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#4
Vinyl Chloride
Concen: 19.237 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

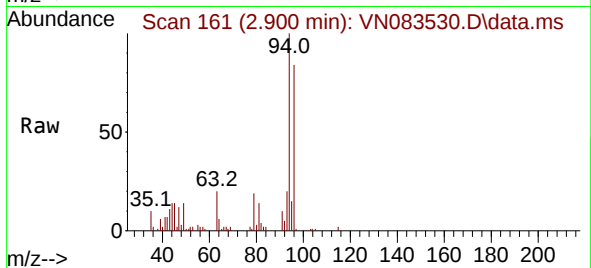
Tgt Ion: 62 Resp: 41623
Ion Ratio Lower Upper
62 100
64 33.7 24.1 36.1





#5
Bromomethane
Concen: 20.817 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

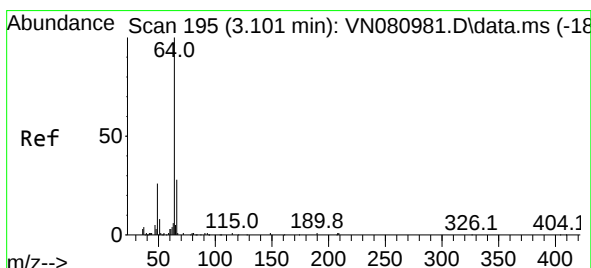
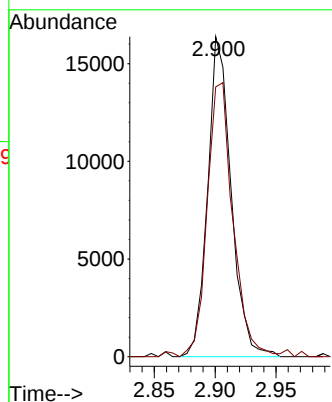
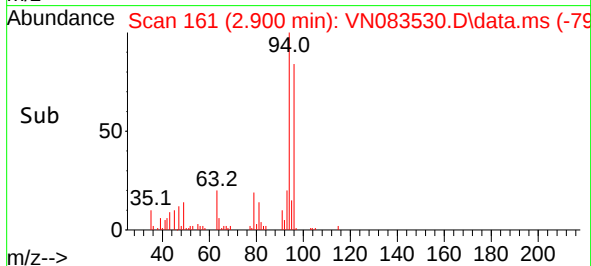
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 94 Resp: 2194
Ion Ratio Lower Upper
94 100
96 84.3 72.8 109.2

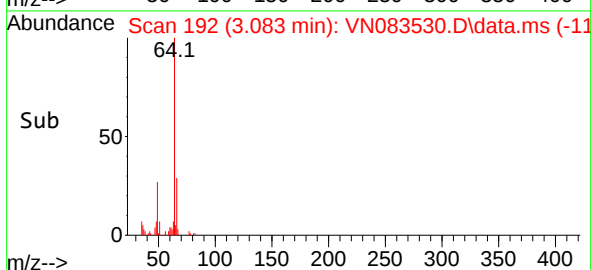
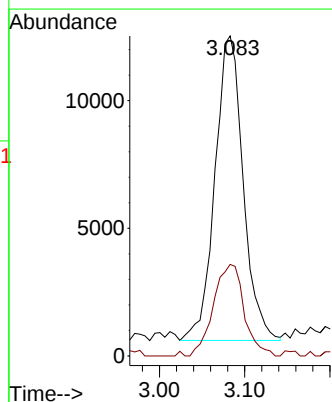
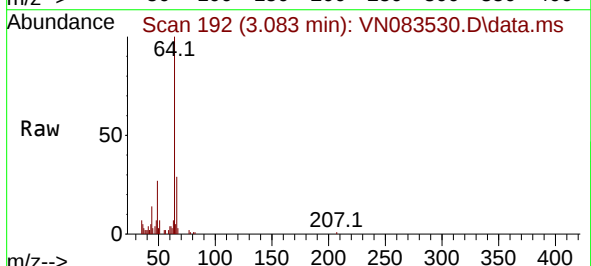
Manual Integrations
APPROVED

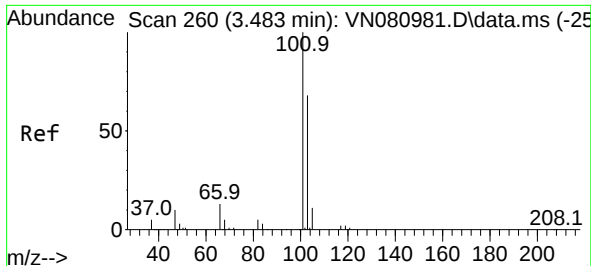
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#6
Chloroethane
Concen: 19.355 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.018 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

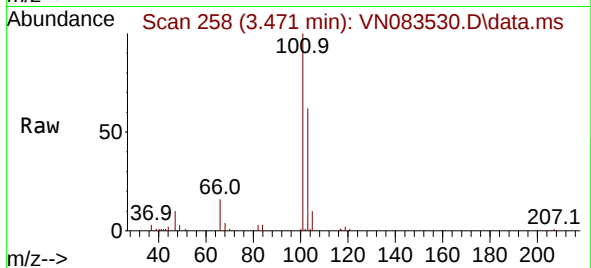
Tgt Ion: 64 Resp: 27434
Ion Ratio Lower Upper
64 100
66 30.0 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 19.854 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34

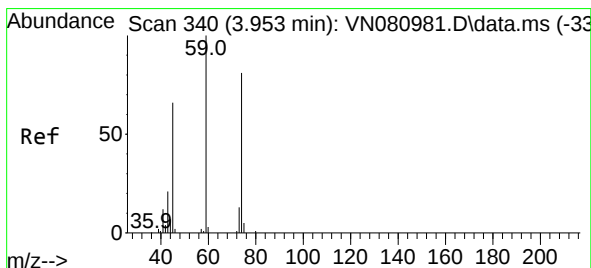
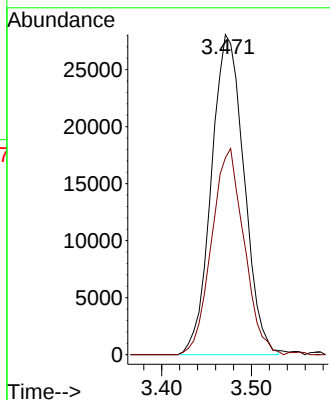
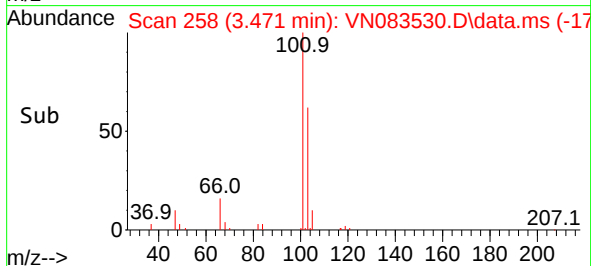
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824



Tgt Ion:101 Resp: 7099
 Ion Ratio Lower Upper
 101 100
 103 61.5 53.0 79.4

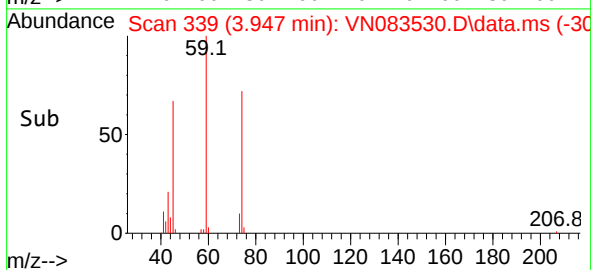
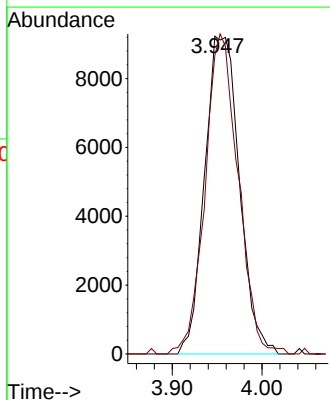
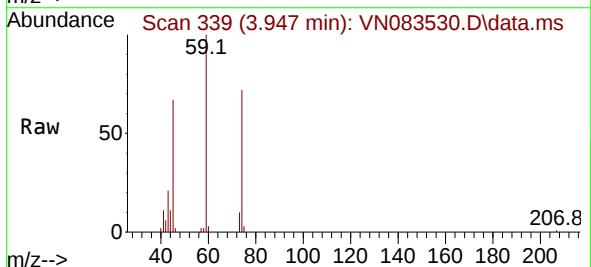
Manual Integrations
 APPROVED

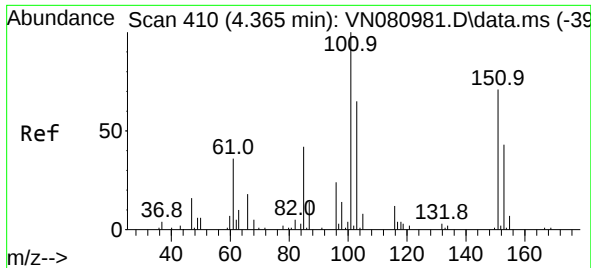
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#8
 Diethyl Ether
 Concen: 19.739 ug/l
 RT: 3.947 min Scan# 339
 Delta R.T. -0.006 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34

Tgt Ion: 74 Resp: 24795
 Ion Ratio Lower Upper
 74 100
 45 95.7 16.4 147.4





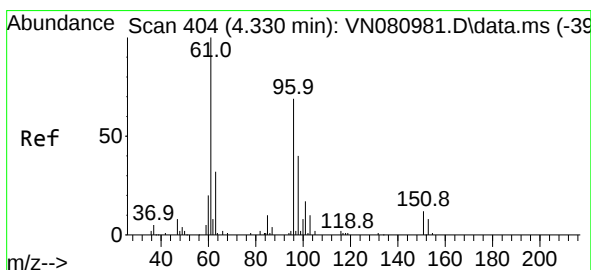
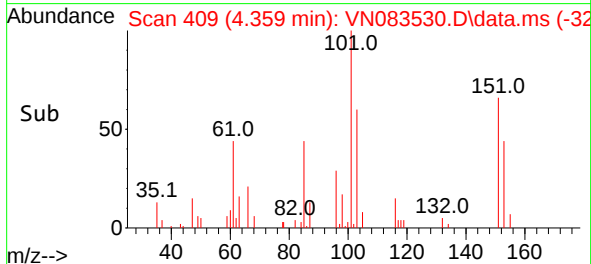
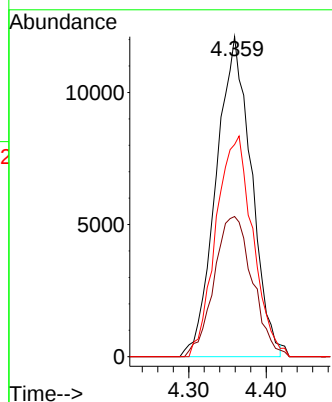
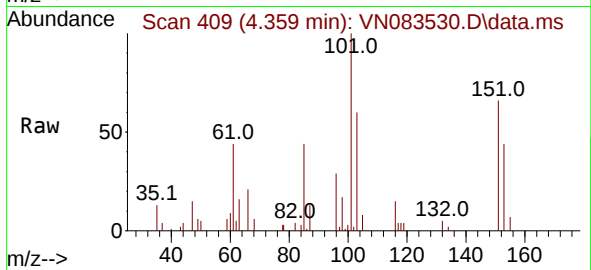
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.359 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion:101 Resp: 38249
Ion Ratio Lower Upper
101 100
85 47.8 0.0 90.6
151 72.2 0.0 157.6

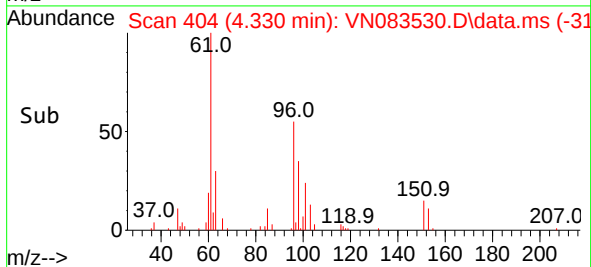
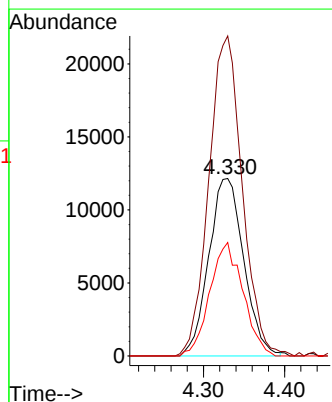
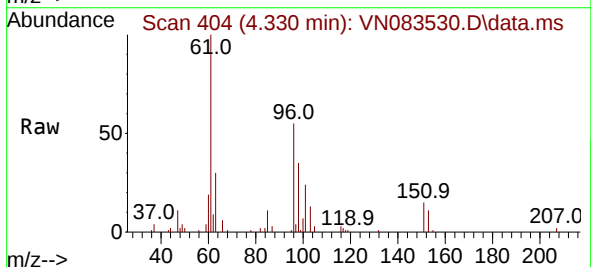
Manual Integrations
APPROVED

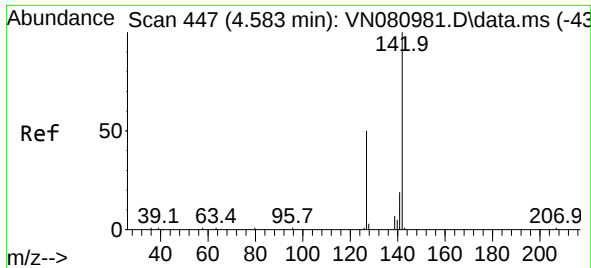
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 19.450 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

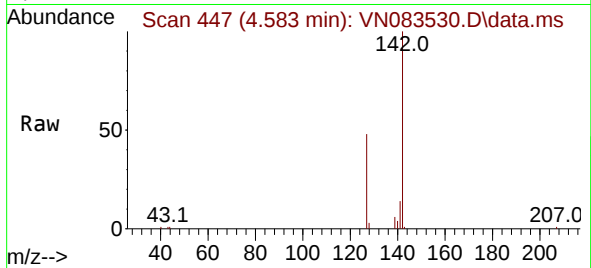
Tgt Ion: 96 Resp: 36381
Ion Ratio Lower Upper
96 100
61 179.0 117.6 176.4#
98 63.9 48.4 72.6





#11
Methyl Iodide
Concen: 19.597 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

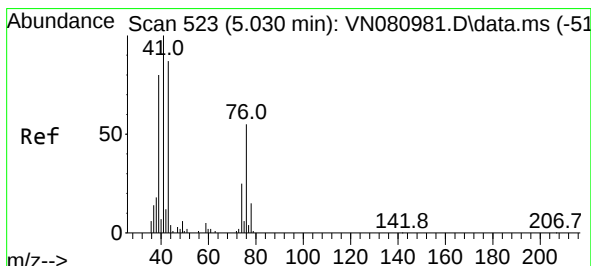
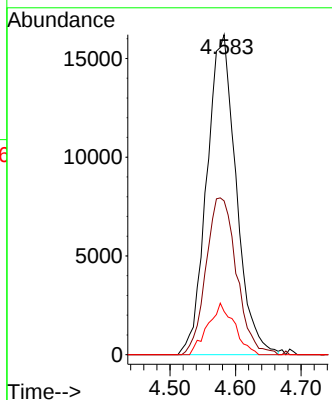
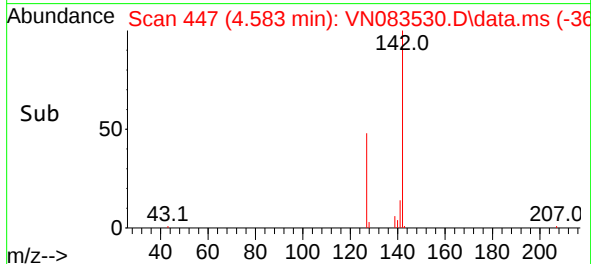
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion:142 Resp: 5045
Ion Ratio Lower Upper
142 100
127 48.3 26.3 78.9
141 13.6 8.3 24.9

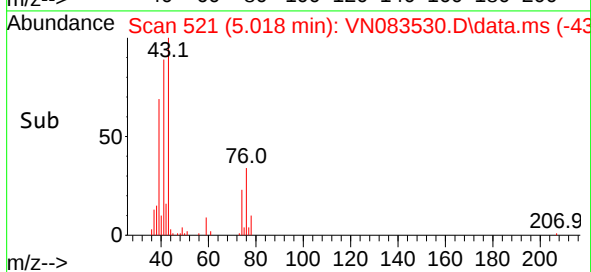
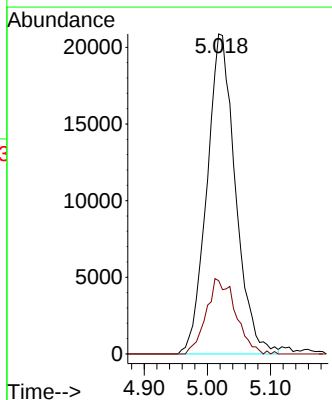
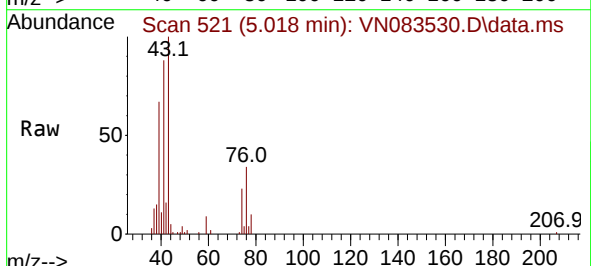
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 20.405 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 43 Resp: 65511
Ion Ratio Lower Upper
43 100
74 23.1 27.7 41.5#





#13

Acrolein

Concen: 86.341 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

Tgt Ion: 56 Resp: 2673

Ion Ratio Lower Upper

56 100

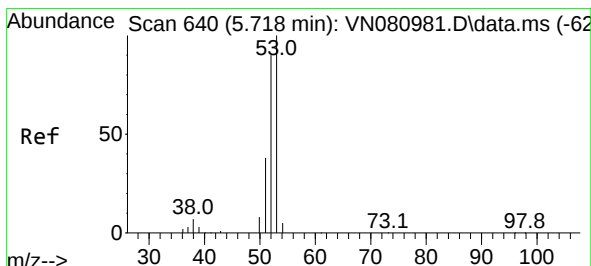
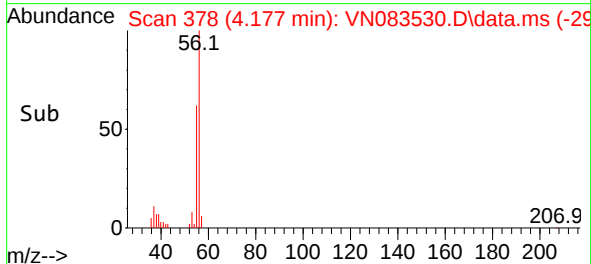
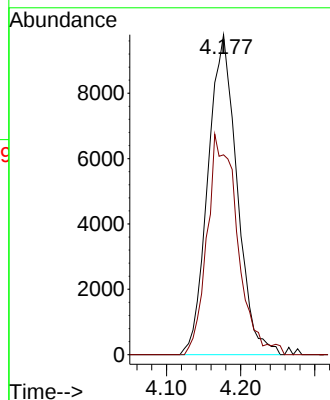
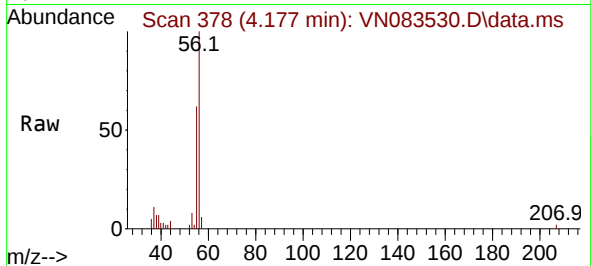
55 32.2 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#14

Acrylonitrile

Concen: 98.872 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

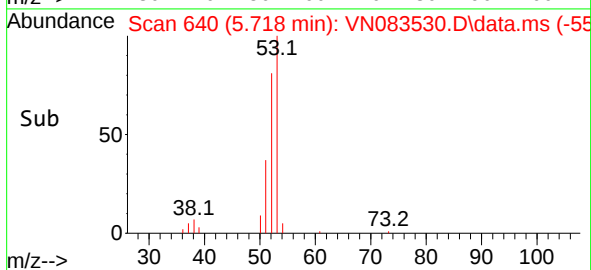
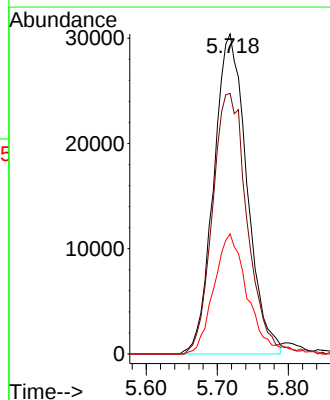
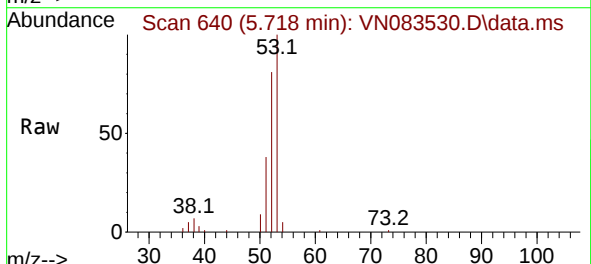
Tgt Ion: 53 Resp: 98572

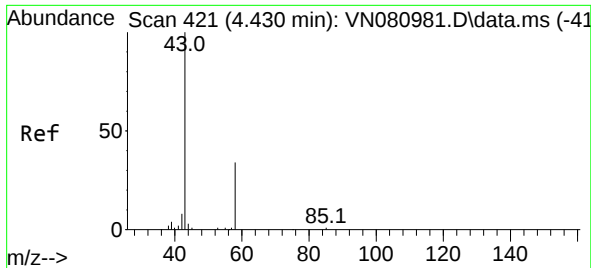
Ion Ratio Lower Upper

53 100

52 85.1 41.3 123.9

51 38.2 16.8 50.3





#15

Acetone

Concen: 92.674 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

Tgt Ion: 58 Resp: 2733

Ion Ratio Lower Upper

58 100

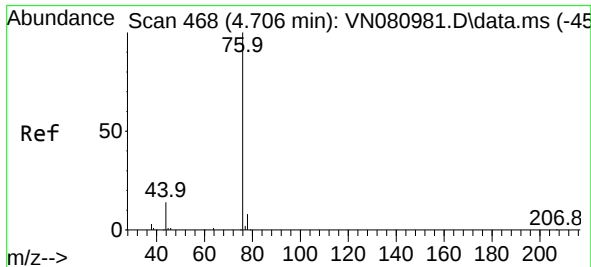
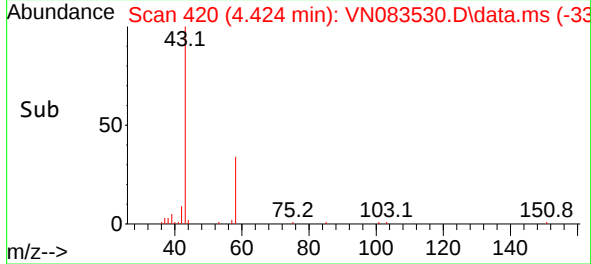
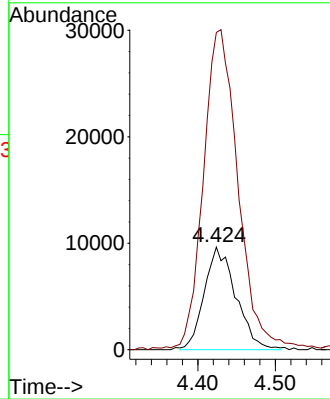
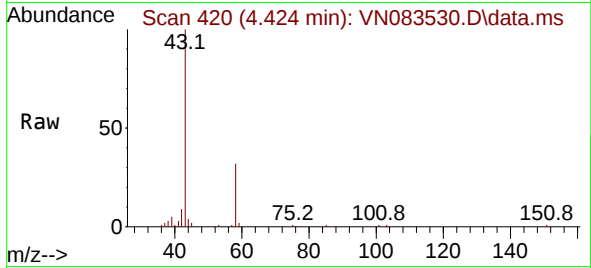
43 309.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#16

Carbon Disulfide

Concen: 18.536 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.006 min

Lab File: VN083530.D

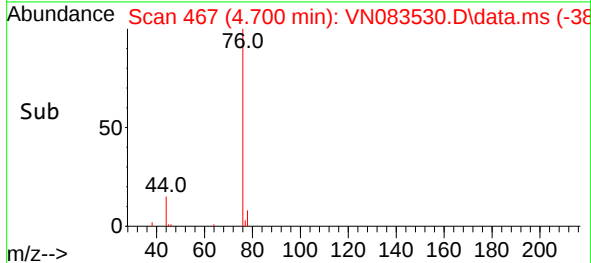
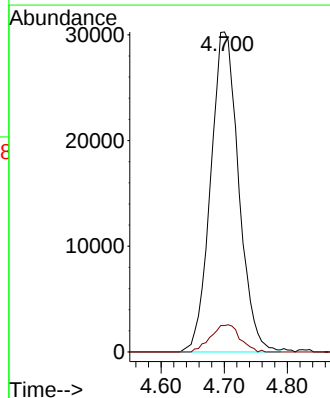
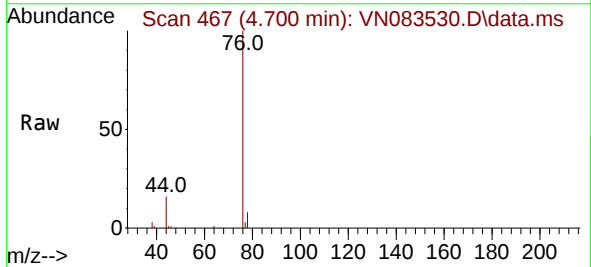
Acq: 28 Aug 2024 12:34

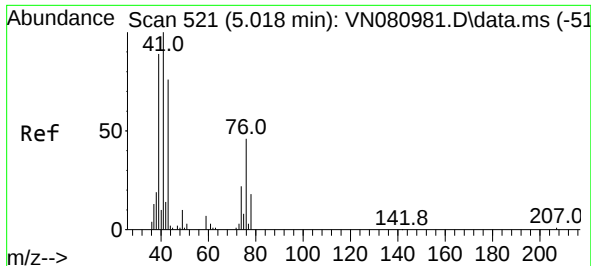
Tgt Ion: 76 Resp: 93418

Ion Ratio Lower Upper

76 100

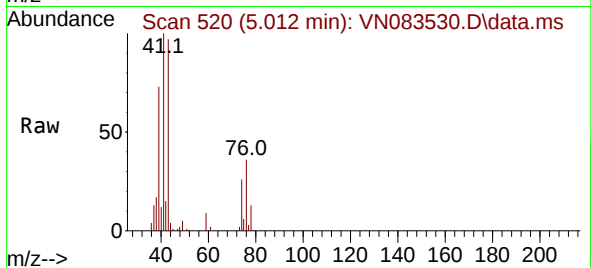
78 8.3 6.3 9.5





#17
 Allyl chloride
 Concen: 18.238 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34

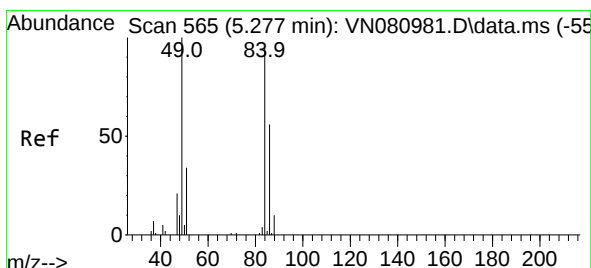
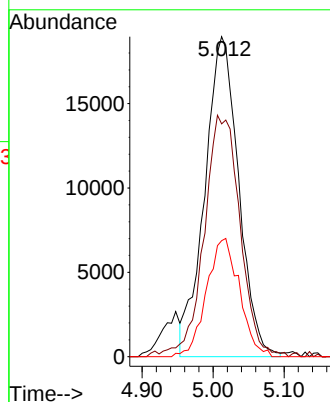
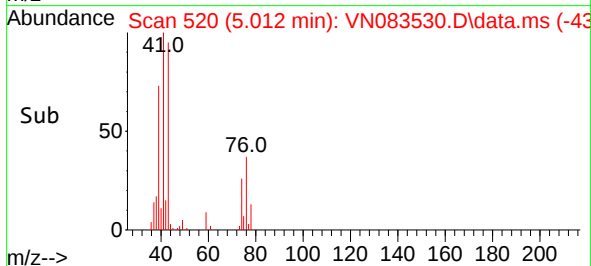
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824



Tgt Ion: 41 Resp: 62989
 Ion Ratio Lower Upper
 41 100
 39 72.7 37.6 112.9
 76 36.7 27.8 83.4

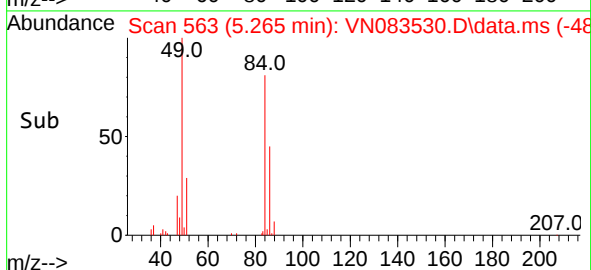
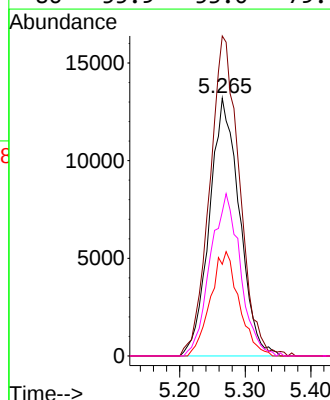
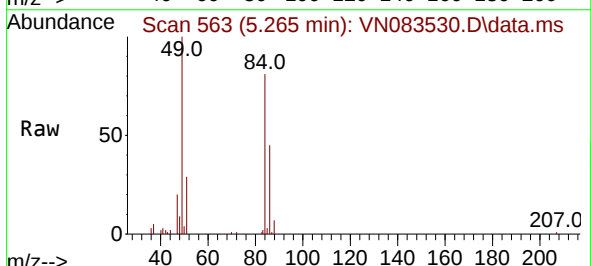
Manual Integrations
 APPROVED

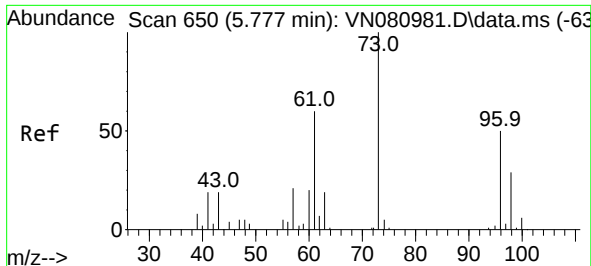
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#18
 Methylene Chloride
 Concen: 20.187 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34

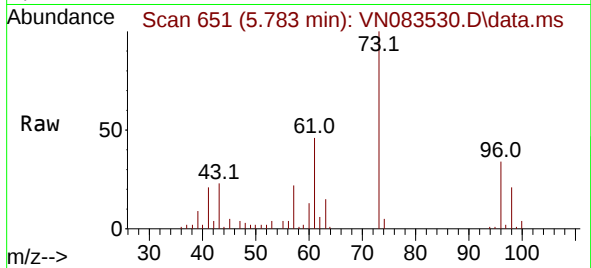
Tgt Ion: 84 Resp: 41878
 Ion Ratio Lower Upper
 84 100
 49 124.2 86.0 129.0
 51 35.6 30.0 45.0
 86 55.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.987 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

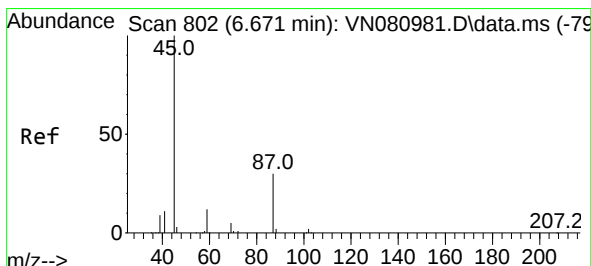
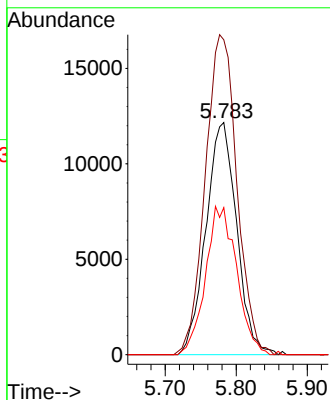
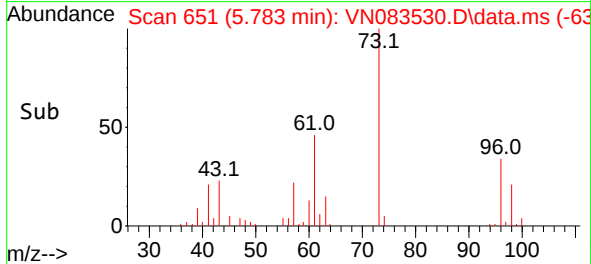
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 96 Resp: 36609
Ion Ratio Lower Upper
96 100
61 135.6 111.8 167.6
98 63.3 49.2 73.8

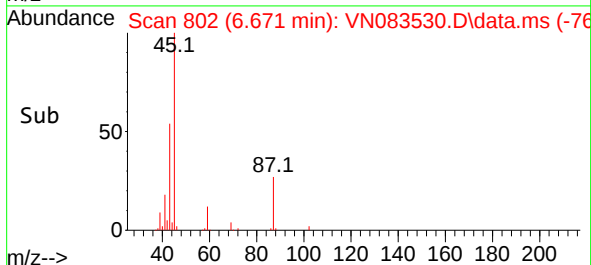
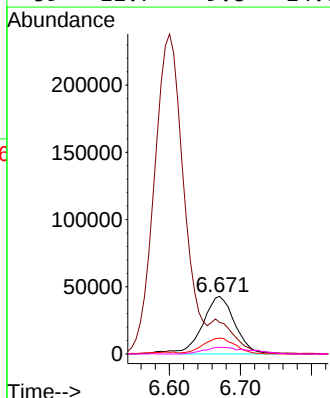
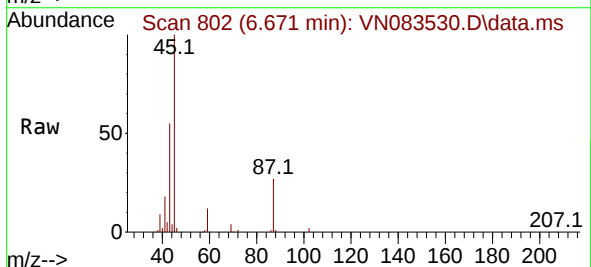
Manual Integrations
APPROVED

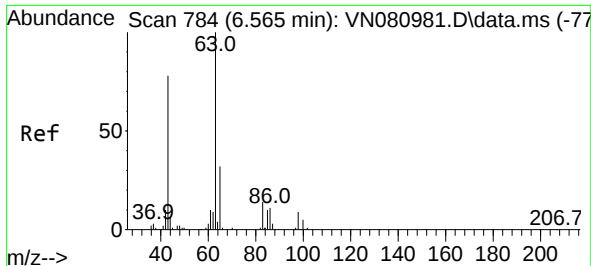
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#20
Diisopropyl ether
Concen: 19.655 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 45 Resp: 132008
Ion Ratio Lower Upper
45 100
43 53.3 40.4 60.6
87 27.6 23.8 35.8
59 11.7 9.8 14.6





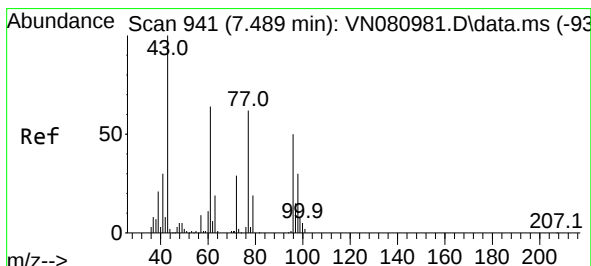
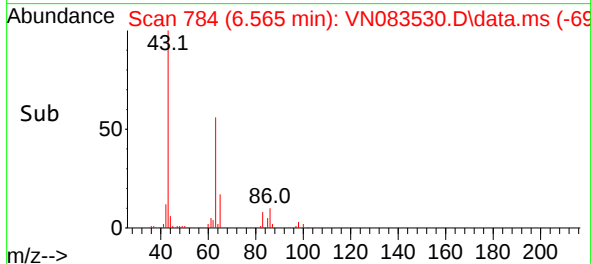
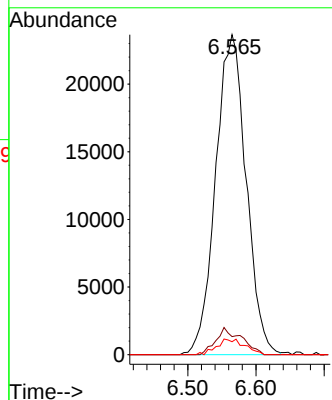
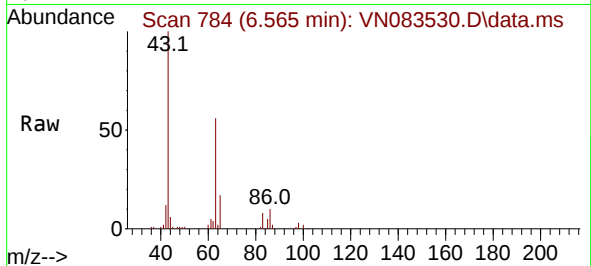
#21
1,1-Dichloroethane
Concen: 19.427 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion: 63 Resp: 73664
Ion Ratio Lower Upper
63 100
98 5.7 4.1 12.3
100 4.1 3.0 9.0

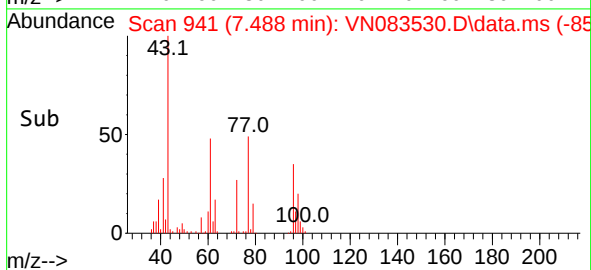
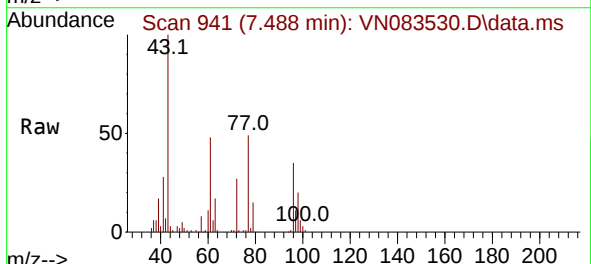
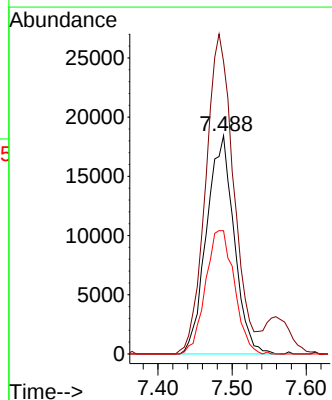
Manual Integrations
APPROVED

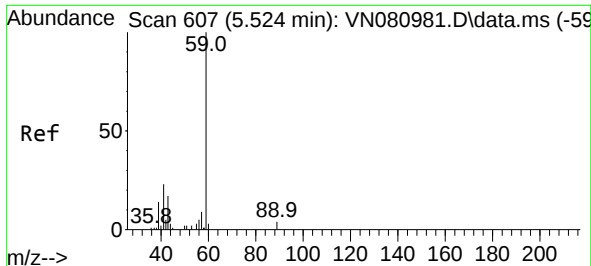
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 19.961 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 96 Resp: 47610
Ion Ratio Lower Upper
96 100
61 147.8 113.5 170.3
98 59.0 52.0 78.0





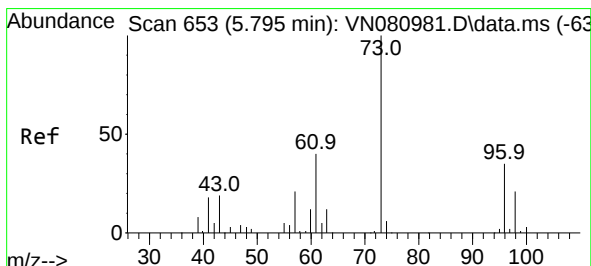
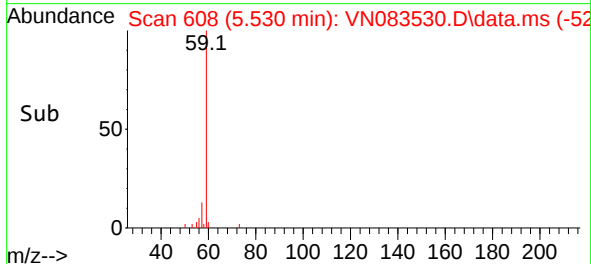
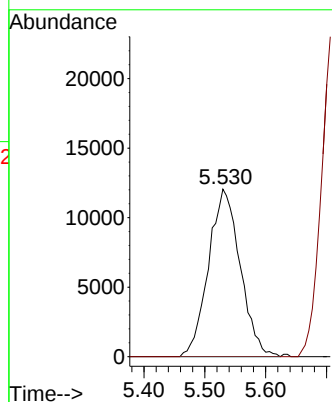
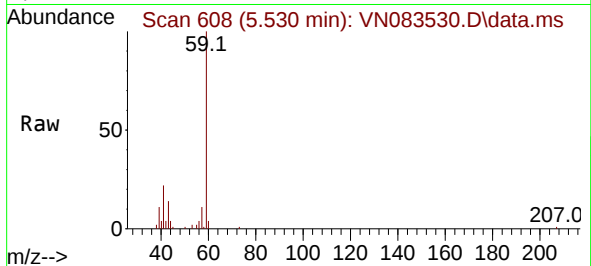
#23
tert-Butyl Alcohol
Concen: 103.622 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion: 59 Resp: 4358
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

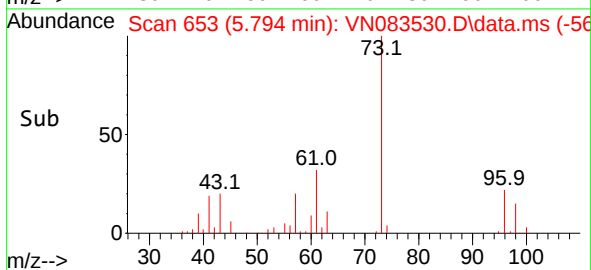
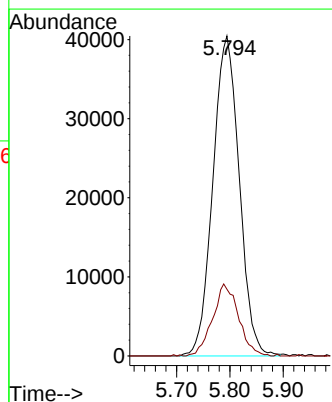
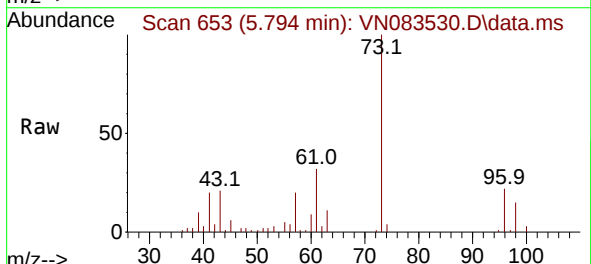
Manual Integrations
APPROVED

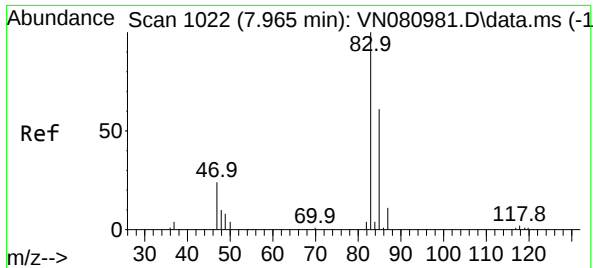
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 20.058 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 73 Resp: 138950
Ion Ratio Lower Upper
73 100
43 22.1 13.4 20.2#





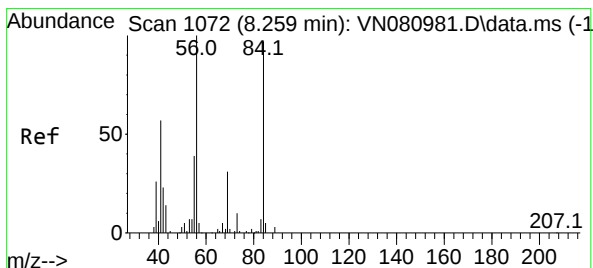
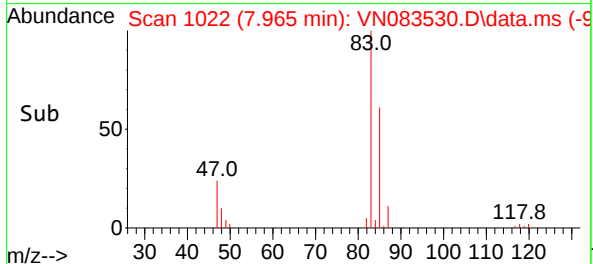
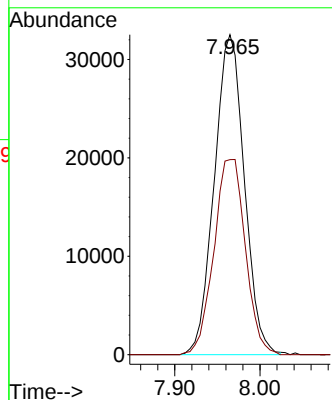
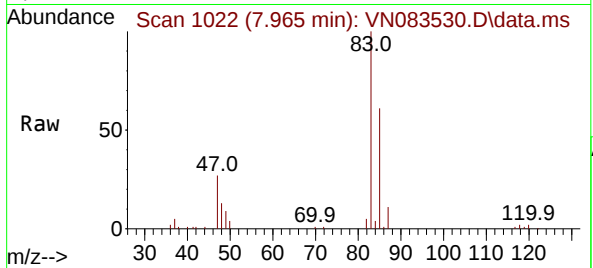
#25
Chloroform
Concen: 19.816 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion: 83 Resp: 79670
Ion Ratio Lower Upper
83 100
85 61.0 50.9 76.3

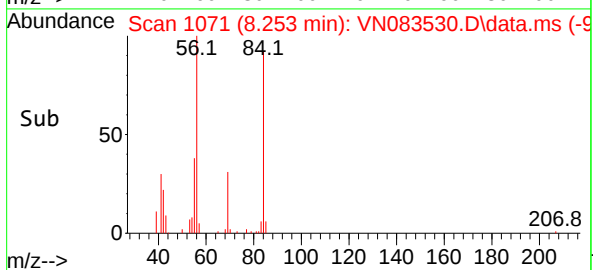
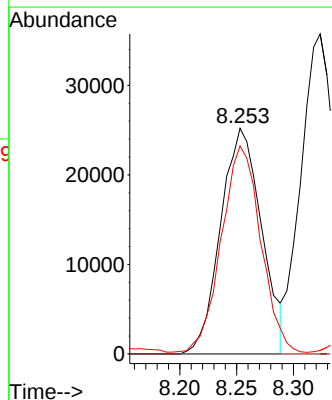
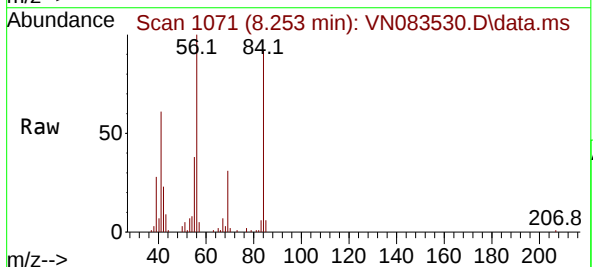
Manual Integrations
APPROVED

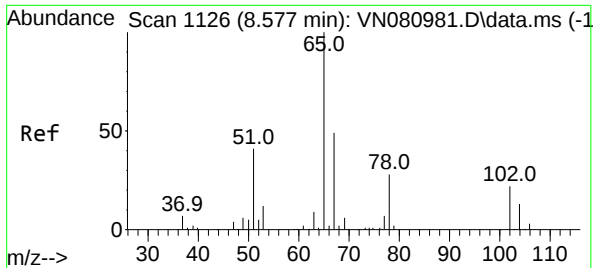
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#26
Cyclohexane
Concen: 19.178 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 56 Resp: 63218
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 89.6 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.970 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

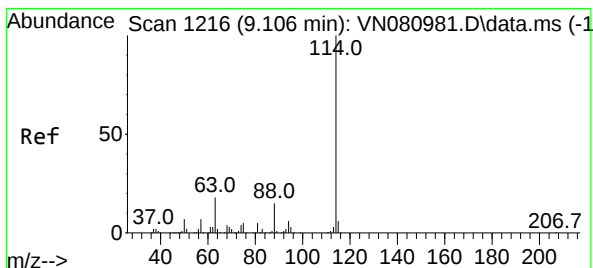
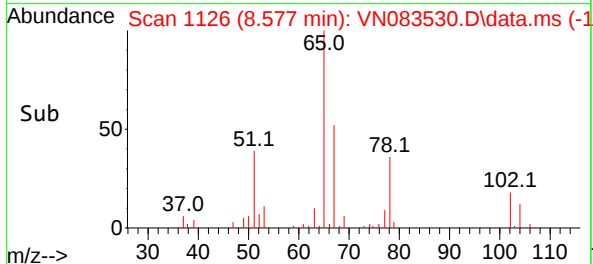
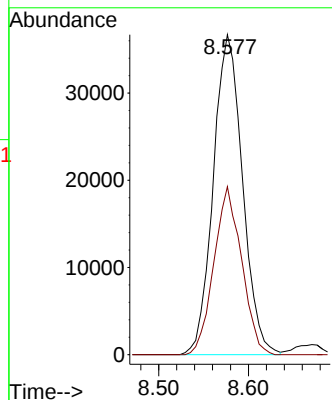
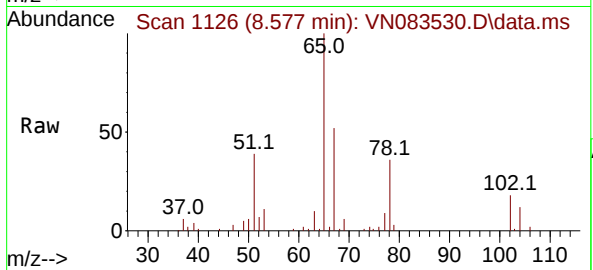
ICVVN082824

Tgt Ion: 65 Resp: 83058
Ion Ratio Lower Upper
65 100
67 49.6 43.2 64.8

Manual Integrations

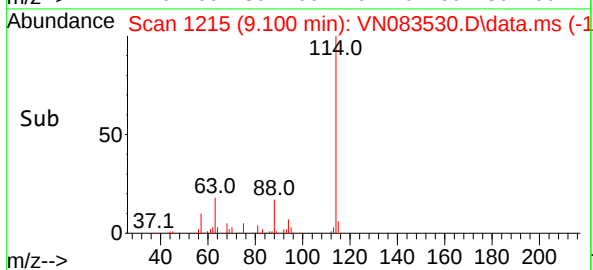
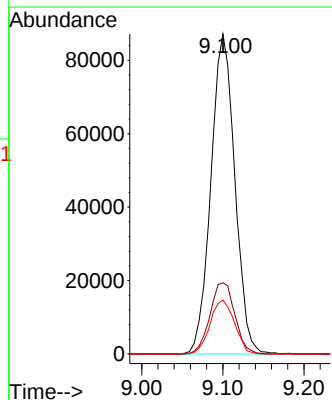
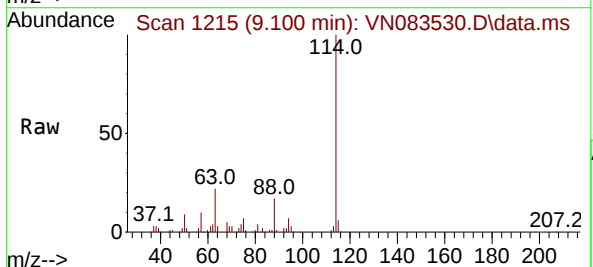
APPROVED

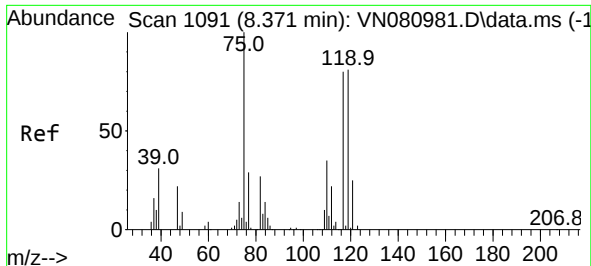
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion:114 Resp: 178579
Ion Ratio Lower Upper
114 100
63 23.1 15.9 23.9
88 17.2 12.7 19.1





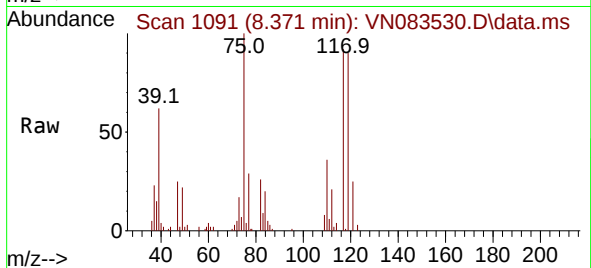
#29
1,1-Dichloropropene
Concen: 18.617 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824



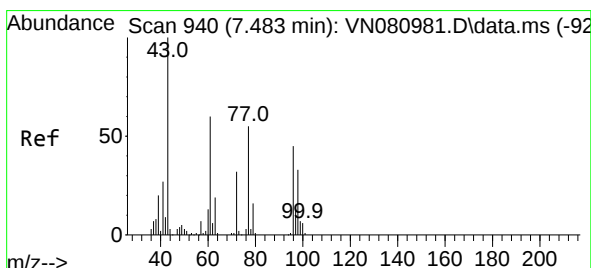
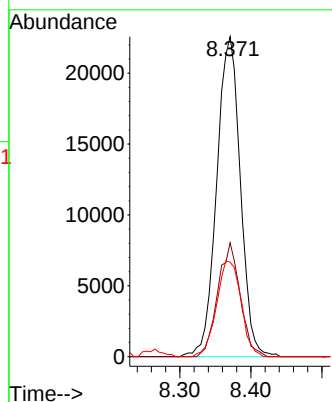
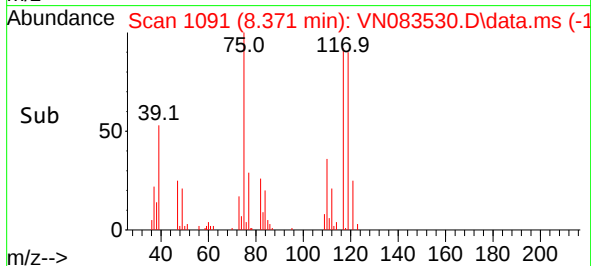
Tgt Ion: 75 Resp: 52158
Ion Ratio Lower Upper
75 100
110 33.6 0.0 70.2
77 31.0 0.0 61.4

Manual Integrations

APPROVED

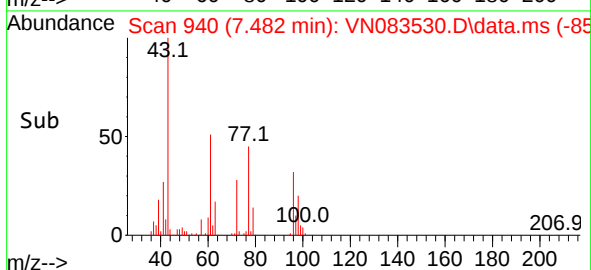
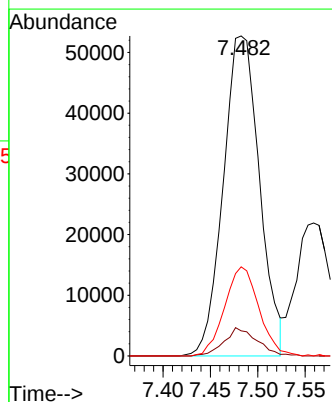
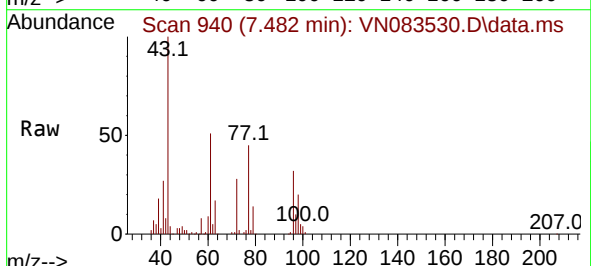
Reviewed By :John Carlone 08/29/2024

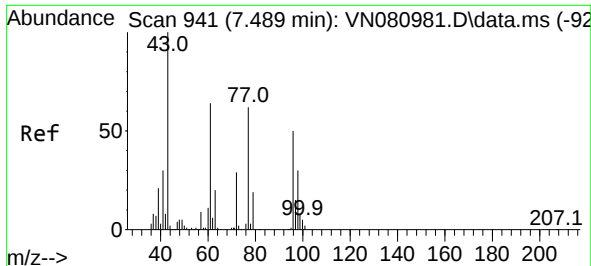
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 97.629 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

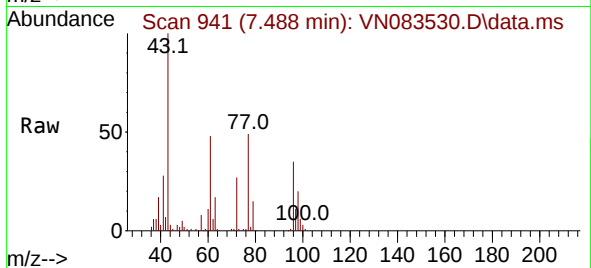
Tgt Ion: 43 Resp: 140320
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 26.4 24.0 36.0





#31
2,2-Dichloropropane
Concen: 19.476 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

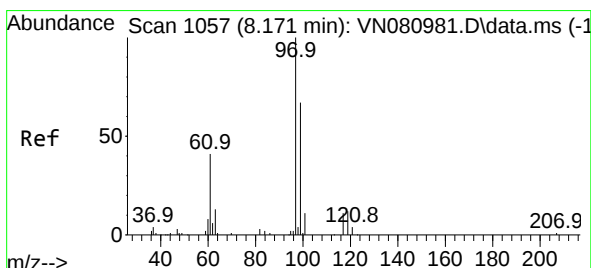
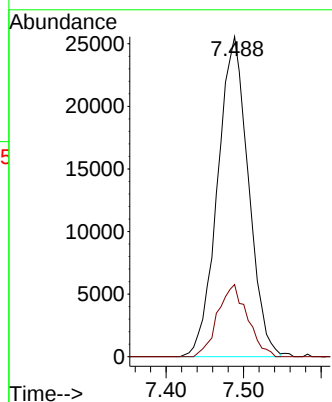
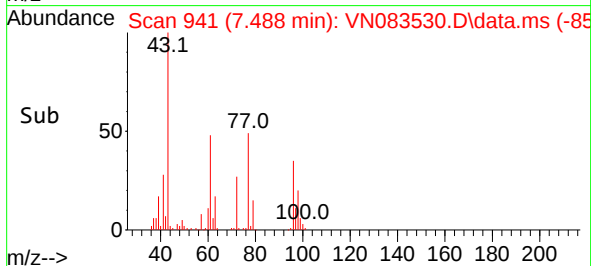
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



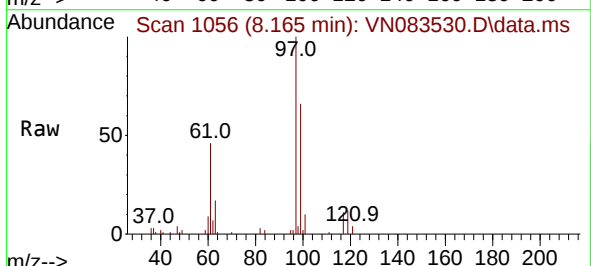
Tgt Ion: 77 Resp: 7075
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

Manual Integrations
APPROVED

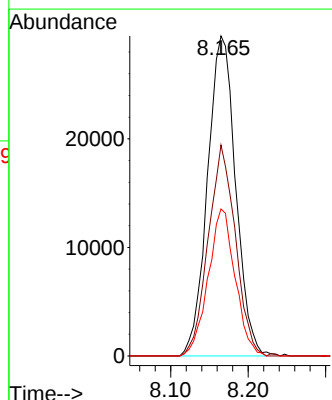
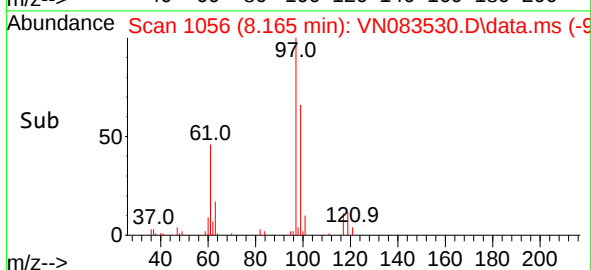
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

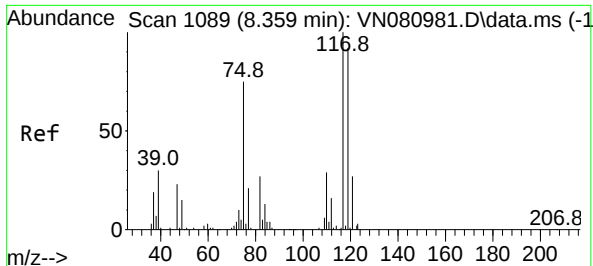


#32
1,1,1-Trichloroethane
Concen: 19.927 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34



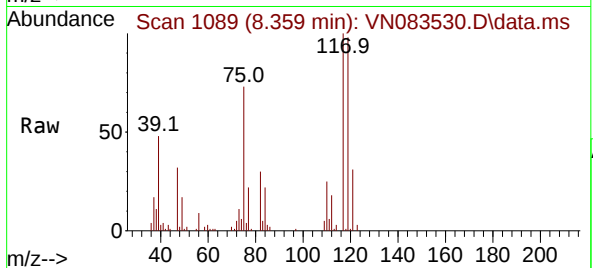
Tgt Ion: 97 Resp: 74610
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 44.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.618 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

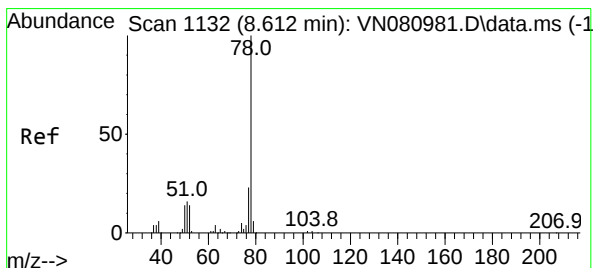
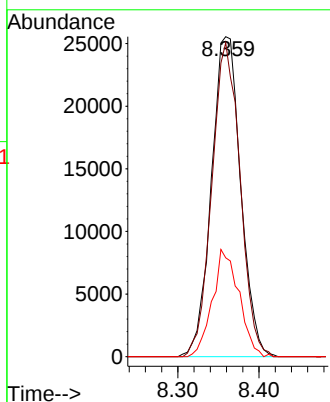
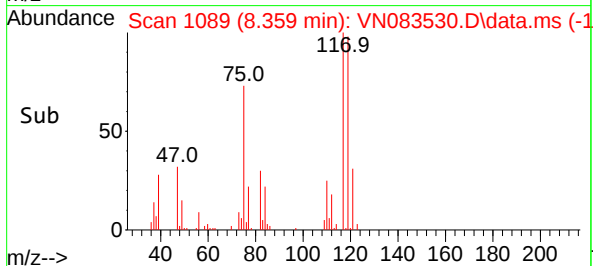
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion:117 Resp: 63960
Ion Ratio Lower Upper
117 100
119 98.1 77.7 116.5
121 30.9 27.0 40.6

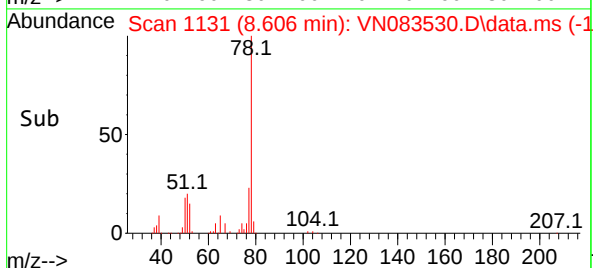
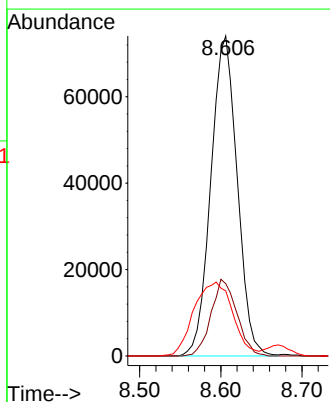
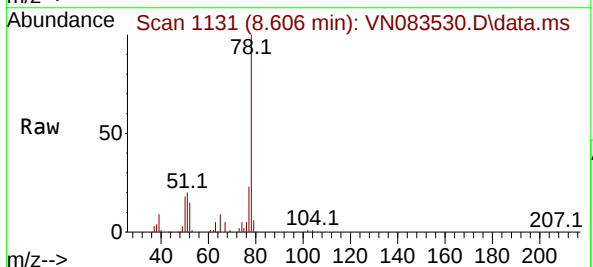
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#34
Benzene
Concen: 19.641 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

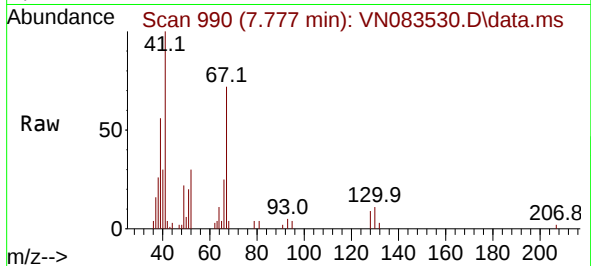
Tgt Ion: 78 Resp: 166979
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8
51 18.1 13.3 19.9





#35
Methacrylonitrile
Concen: 20.158 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

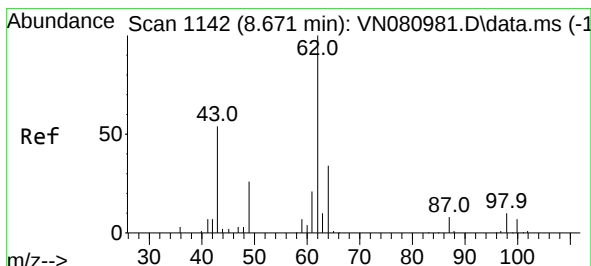
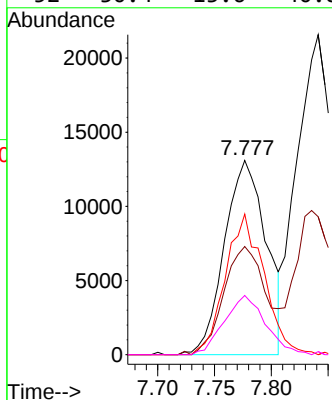
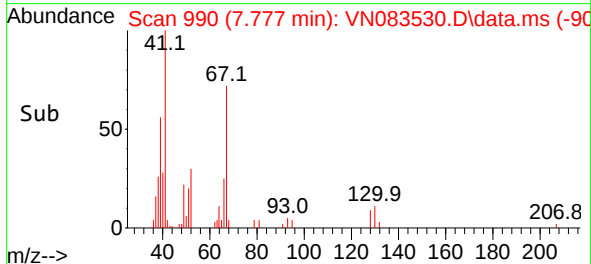
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 41 Resp: 3352
Ion Ratio Lower Upper
41 100
39 55.6 25.3 75.9
67 72.4 38.7 116.1
52 30.4 13.6 40.8

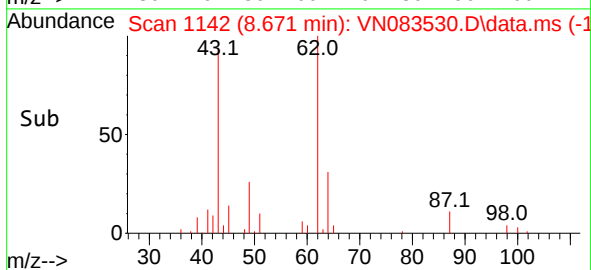
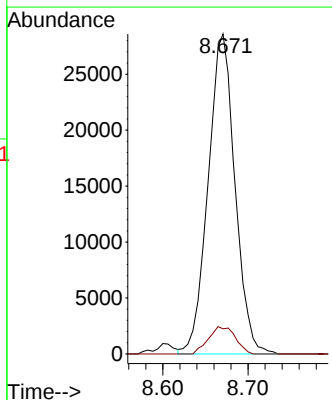
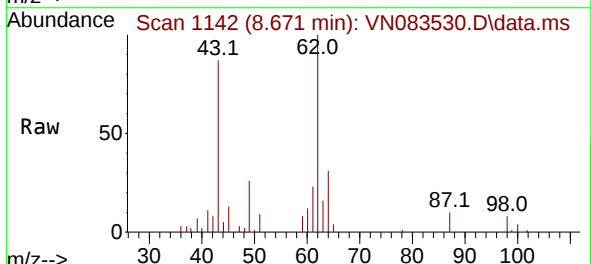
Manual Integrations
APPROVED

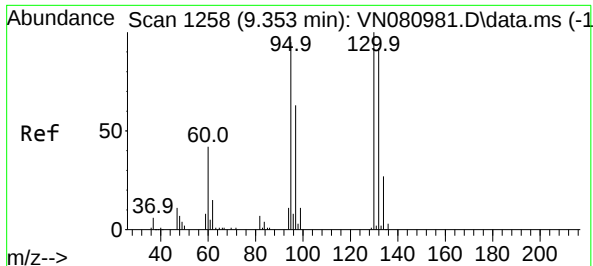
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 19.753 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 62 Resp: 62615
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





#37

Trichloroethene

Concen: 19.316 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

Tgt Ion:130 Resp: 3891

Ion Ratio Lower Upper

130 100

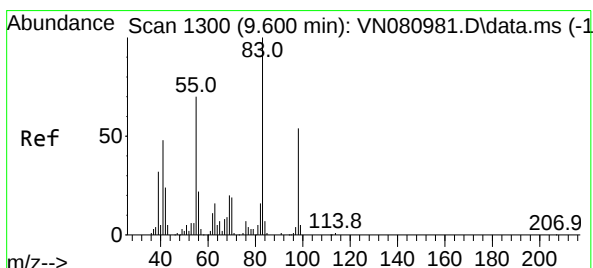
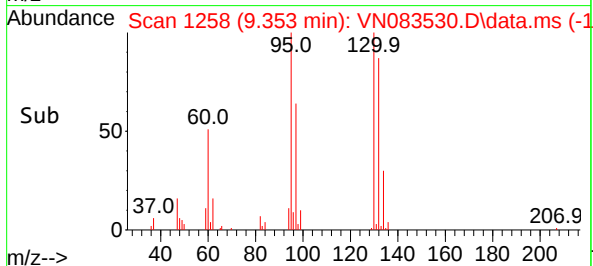
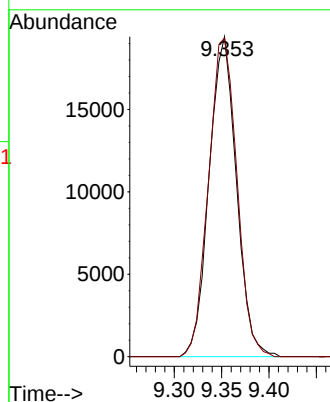
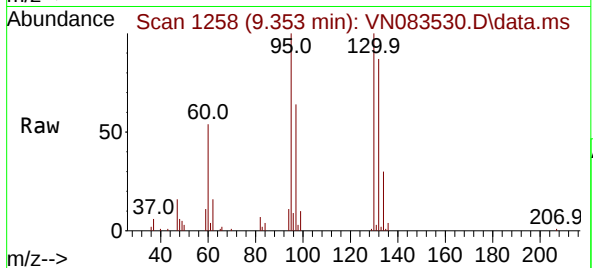
95 99.6 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#38

Methylcyclohexane

Concen: 19.236 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

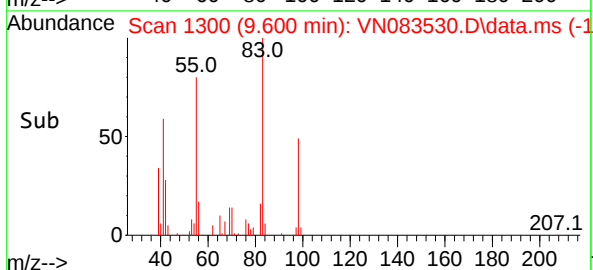
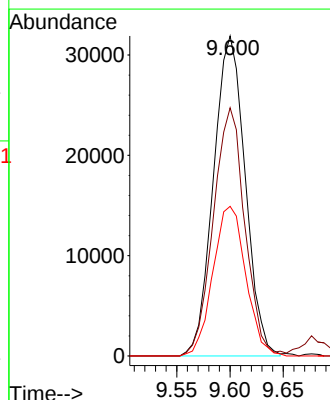
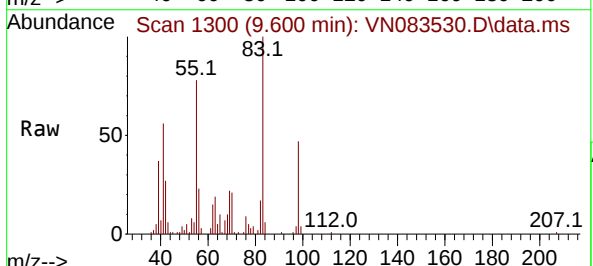
Tgt Ion: 83 Resp: 66091

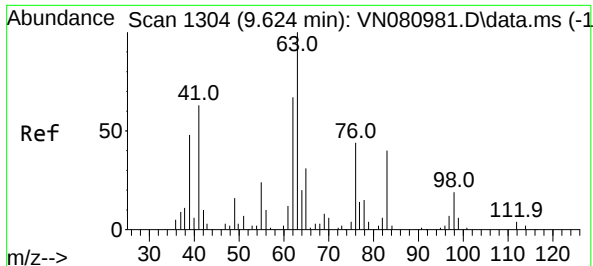
Ion Ratio Lower Upper

83 100

55 77.1 36.6 109.9

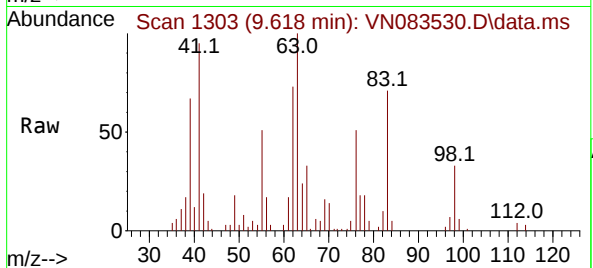
98 48.4 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.351 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

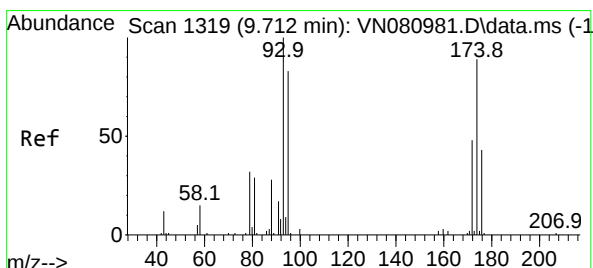
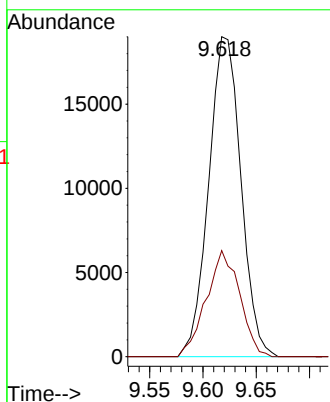
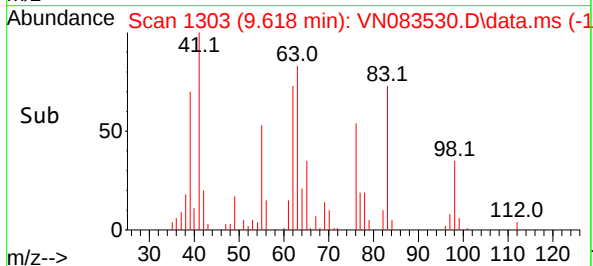
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 63 Resp: 3998
Ion Ratio Lower Upper
63 100
65 33.1 25.0 37.4

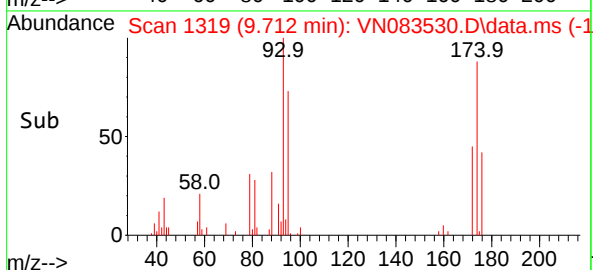
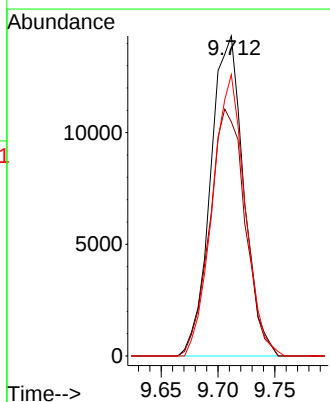
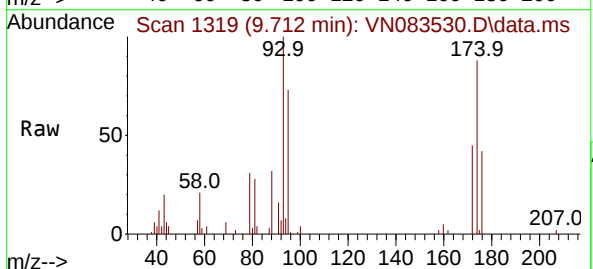
Manual Integrations
APPROVED

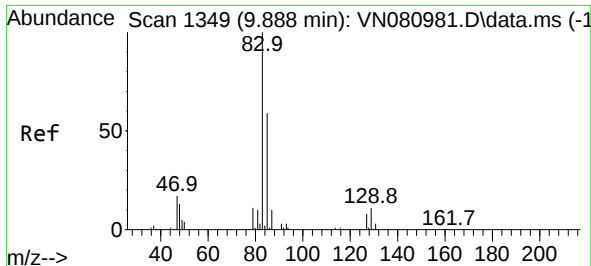
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#40
Dibromomethane
Concen: 19.615 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 93 Resp: 29103
Ion Ratio Lower Upper
93 100
95 82.1 0.0 164.6
174 86.0 0.0 193.2





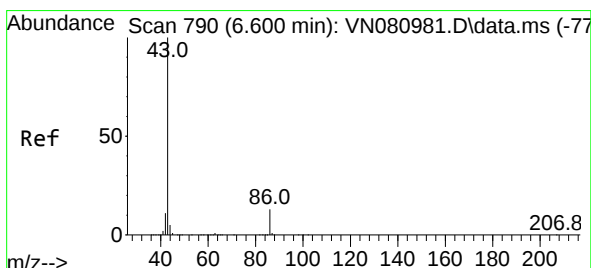
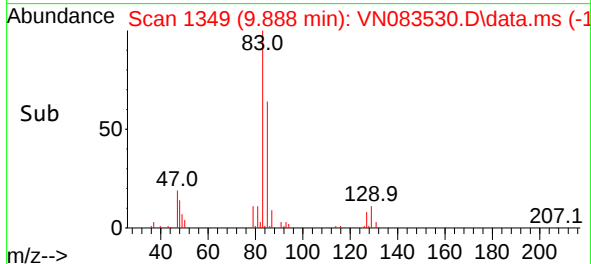
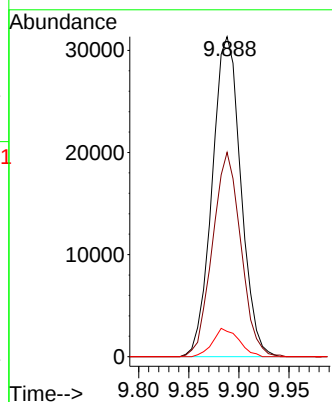
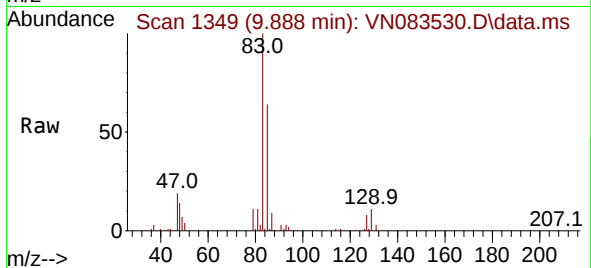
#41
Bromodichloromethane
Concen: 19.444 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion: 83 Resp: 6235
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.2
127 7.9 7.3 10.9

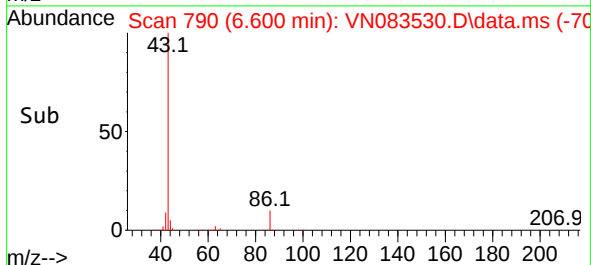
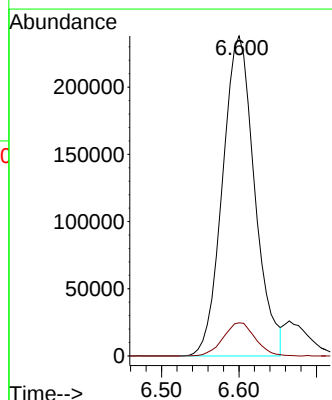
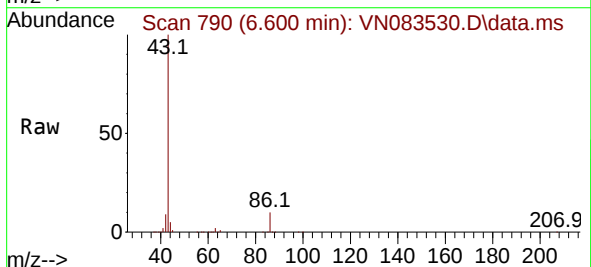
Manual Integrations
APPROVED

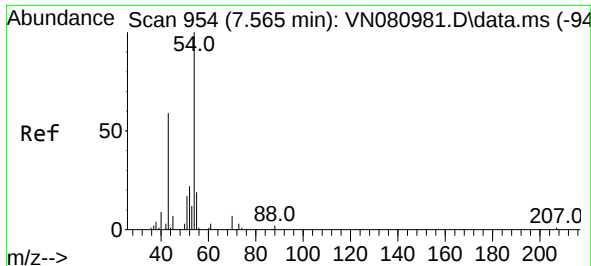
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 97.547 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

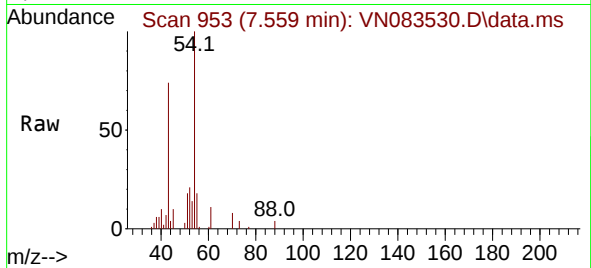
Tgt Ion: 43 Resp: 688039
Ion Ratio Lower Upper
43 100
86 10.3 9.4 14.2





#43
Ethyl Acetate
Concen: 19.618 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

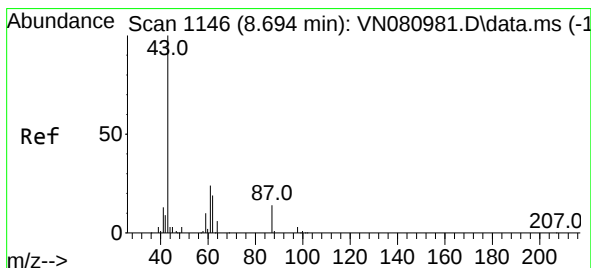
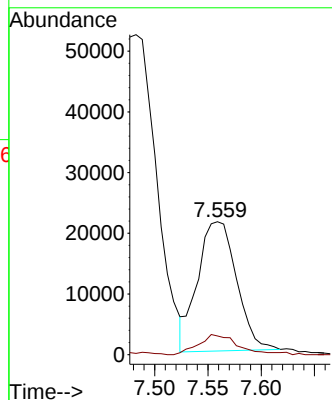
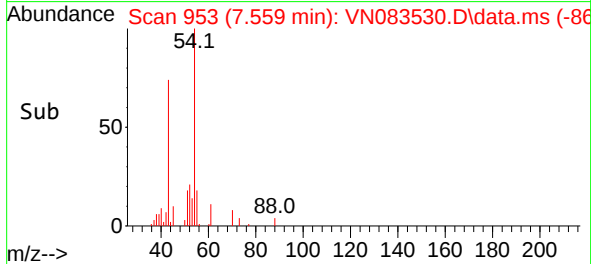
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 43 Resp: 5415
Ion Ratio Lower Upper
43 100
45 15.3 10.6 15.8

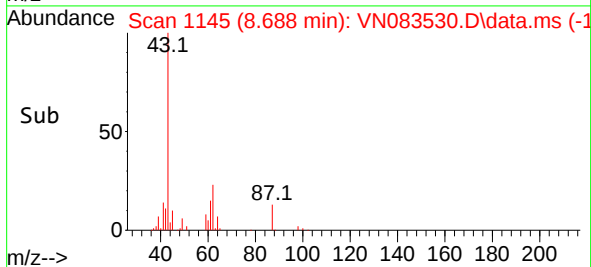
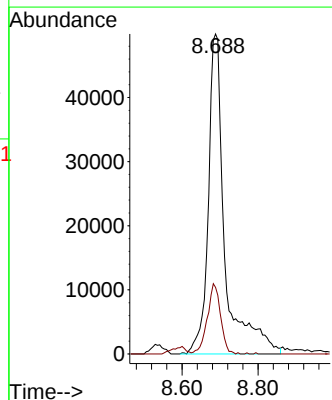
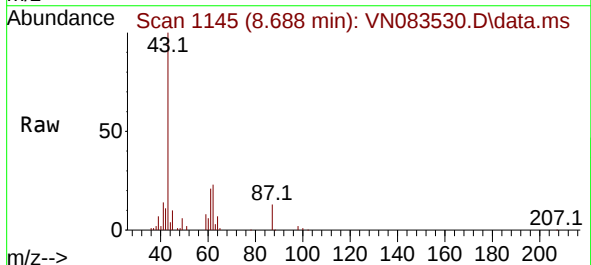
Manual Integrations
APPROVED

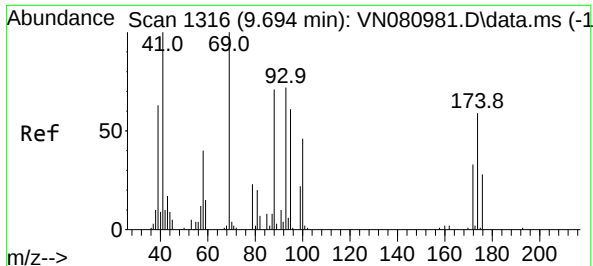
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#44
Isopropyl Acetate
Concen: 23.251 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 43 Resp: 151636
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4#





#45

1,4-Dioxane

Concen: 417.556 ug/l m

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

Tgt Ion: 88 Resp: 17659

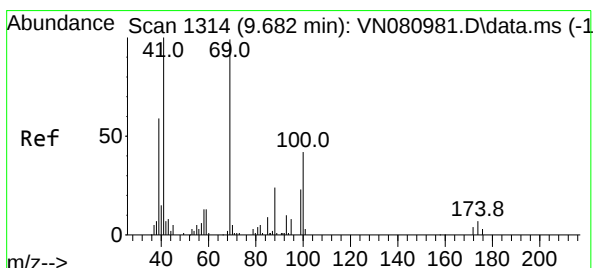
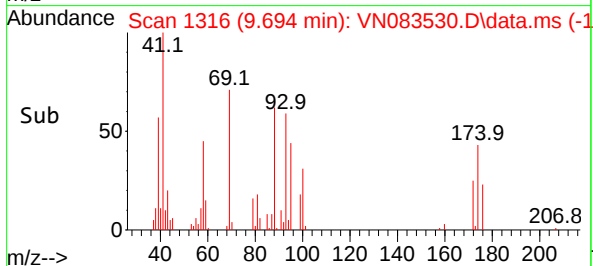
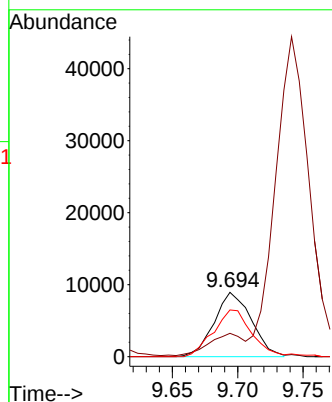
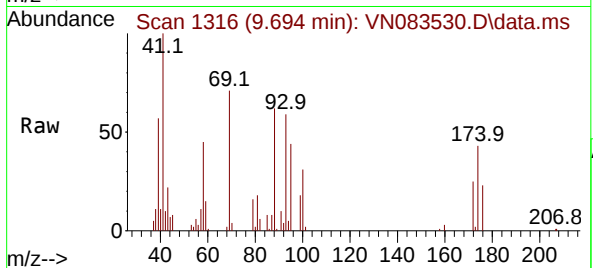
Ion	Ratio	Lower	Upper
88	100		
43	31.1	19.8	29.6
58	74.0	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#46

Methyl methacrylate

Concen: 20.066 ug/l

RT: 9.682 min Scan# 1314

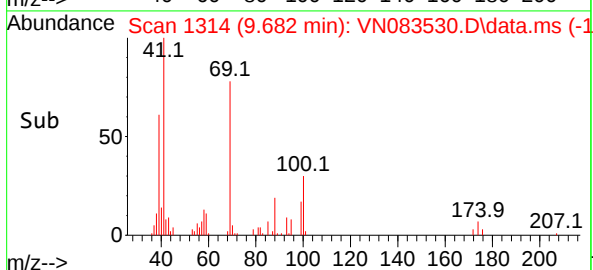
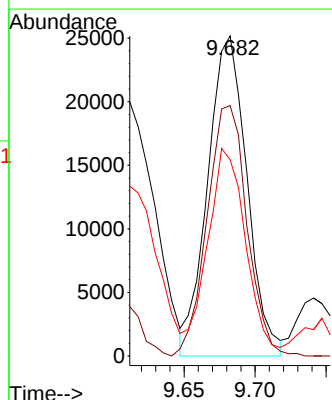
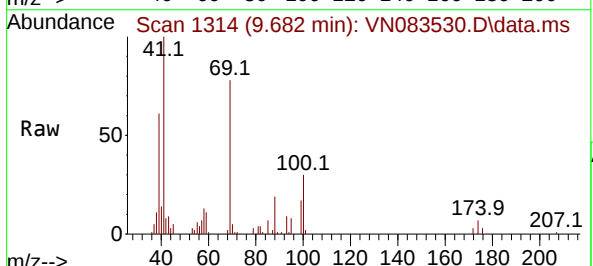
Delta R.T. -0.000 min

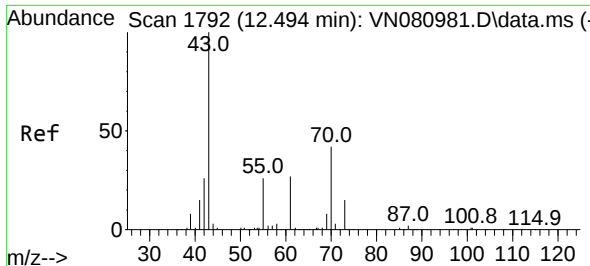
Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Tgt Ion: 41 Resp: 48356

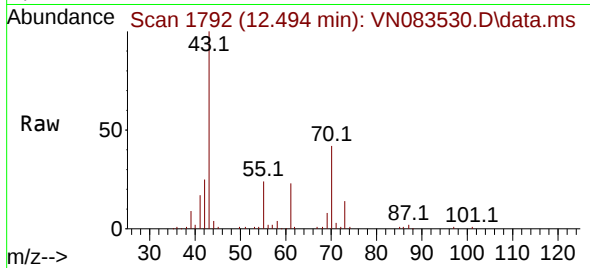
Ion	Ratio	Lower	Upper
41	100		
69	80.6	51.1	153.3
39	61.6	25.8	77.3





#47
n-amyl acetate
Concen: 19.134 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

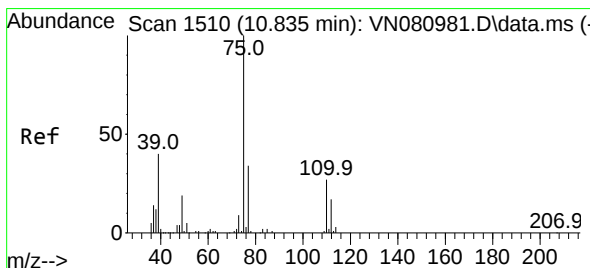
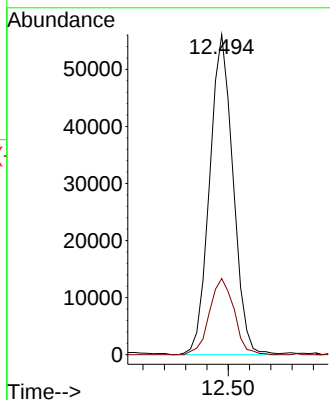
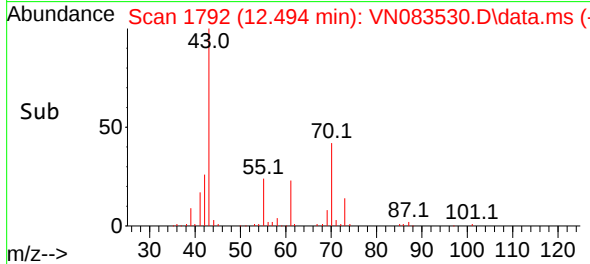
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 43 Resp: 8587
Ion Ratio Lower Upper
43 100
55 24.9 23.4 35.2

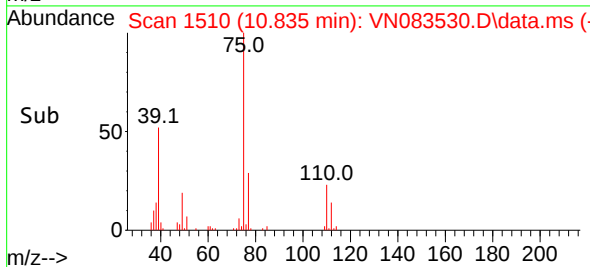
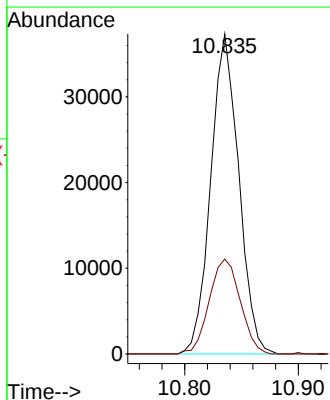
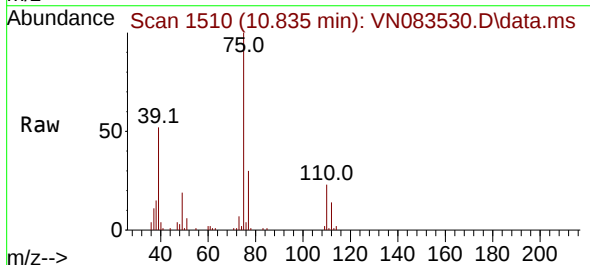
Manual Integrations
APPROVED

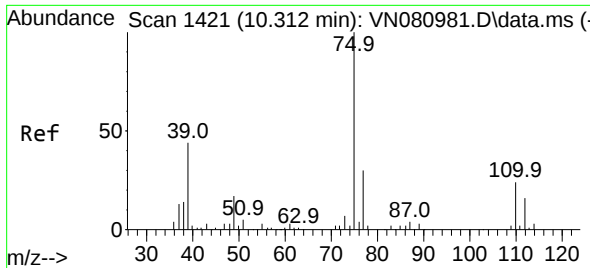
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#48
t-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

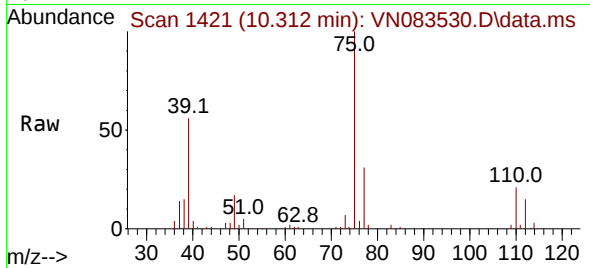
Tgt Ion: 75 Resp: 64019
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.052 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

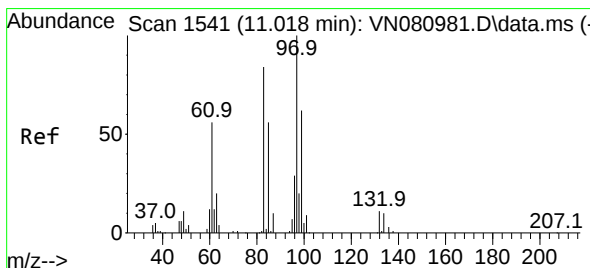
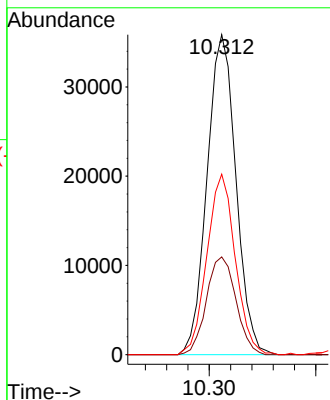
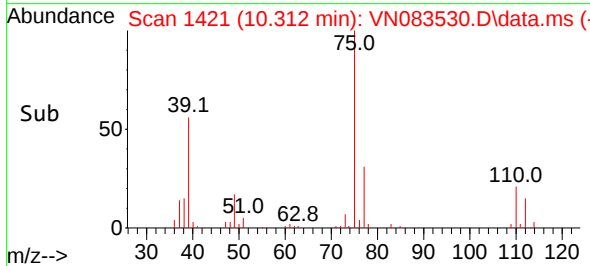
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 75 Resp: 6753
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3
39 56.4 31.0 46.6

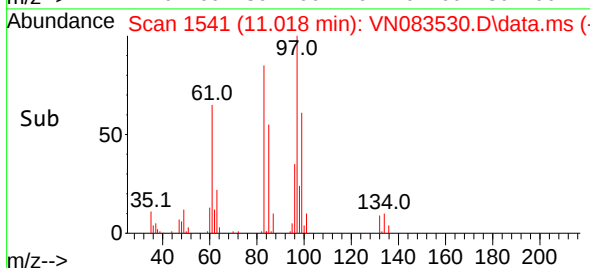
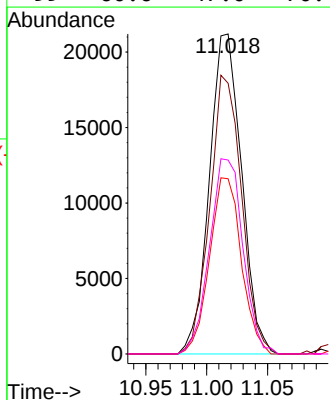
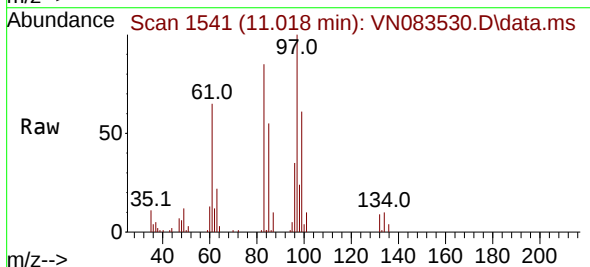
Manual Integrations
APPROVED

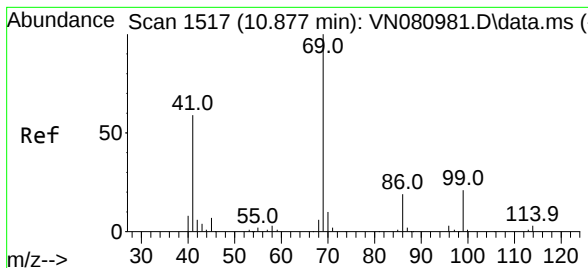
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#50
1,1,2-Trichloroethane
Concen: 19.624 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

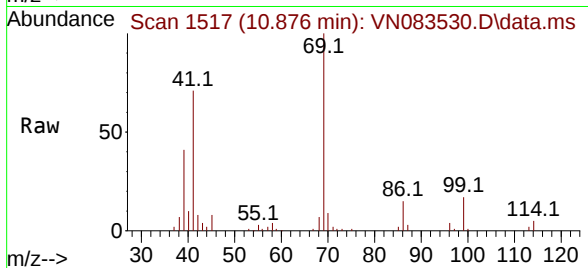
Tgt Ion: 97 Resp: 39023
Ion Ratio Lower Upper
97 100
83 84.6 68.1 102.1
85 54.7 41.8 62.6
99 60.6 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.560 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

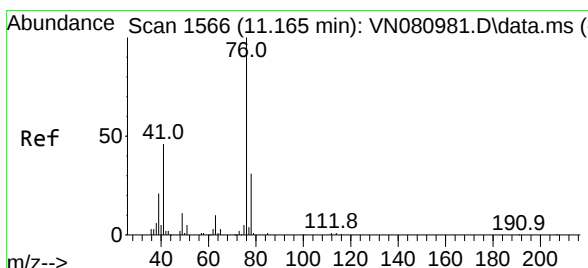
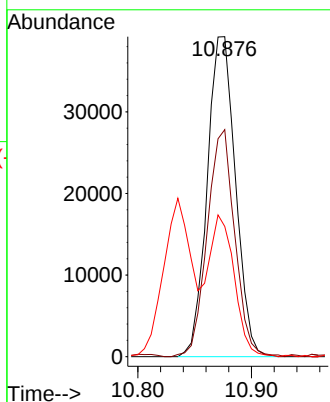
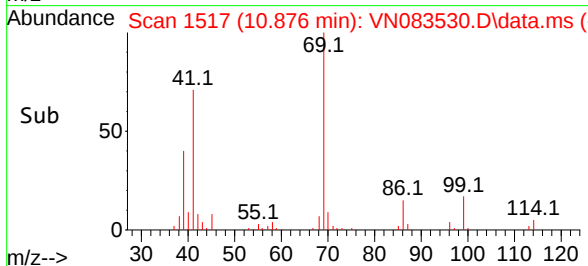
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 69 Resp: 67832
Ion Ratio Lower Upper
69 100
41 70.4 25.5 76.5
39 40.7 16.0 47.9

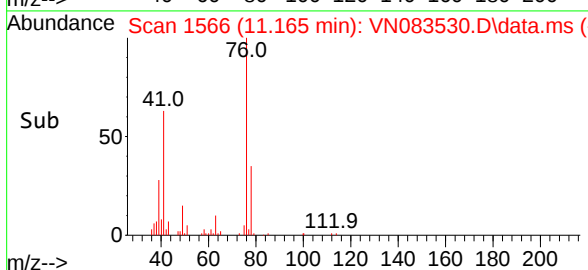
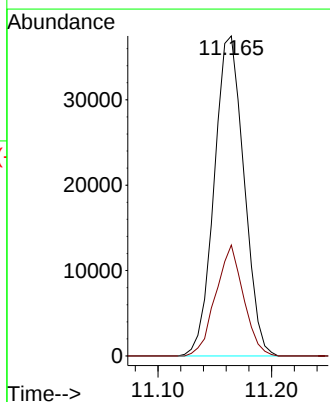
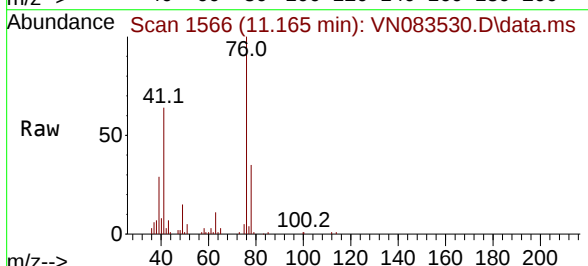
Manual Integrations
APPROVED

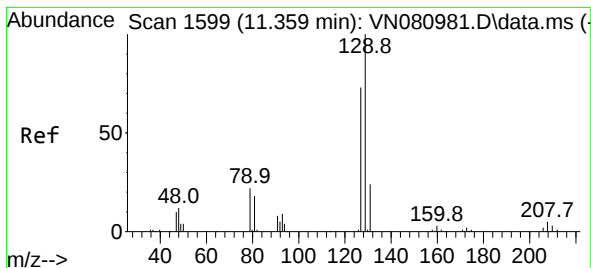
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#52
1,3-Dichloropropane
Concen: 19.625 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

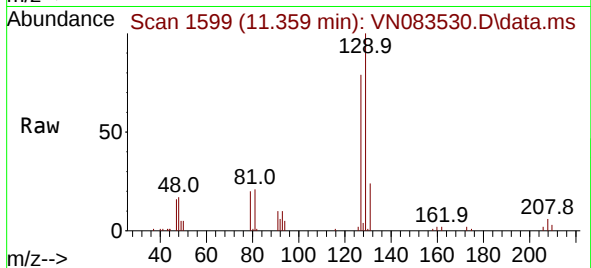
Tgt Ion: 76 Resp: 68140
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.8





#53
Dibromochloromethane
Concen: 19.400 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

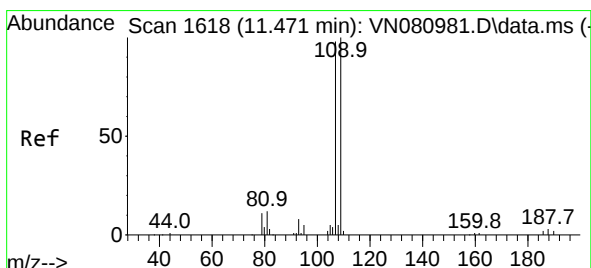
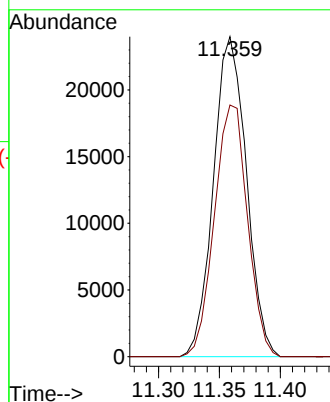
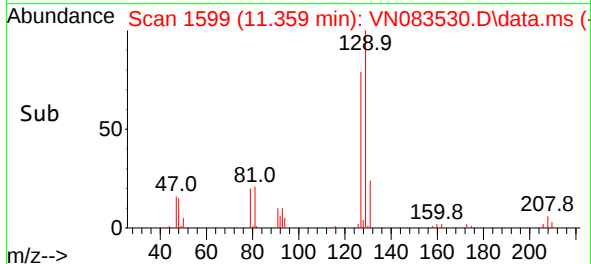
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



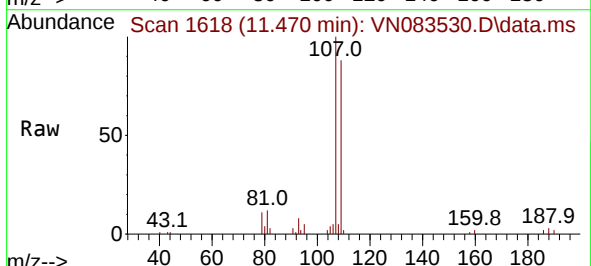
Tgt Ion:129 Resp: 45194
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.1

Manual Integrations
APPROVED

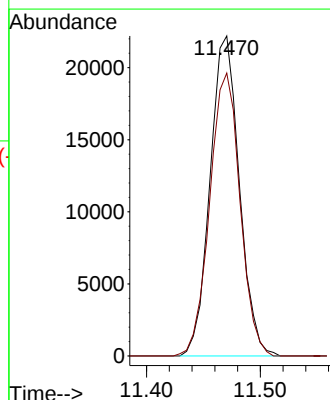
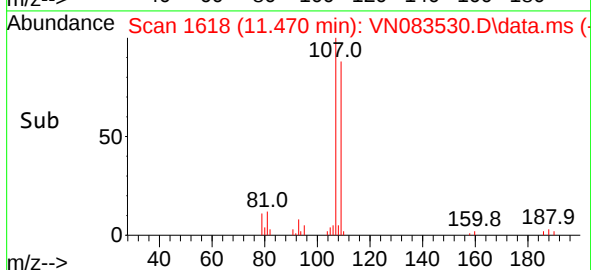
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

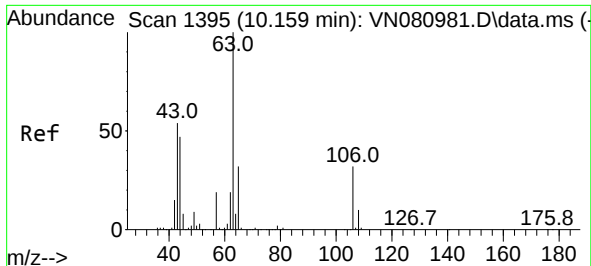


#54
1,2-Dibromoethane
Concen: 19.511 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34



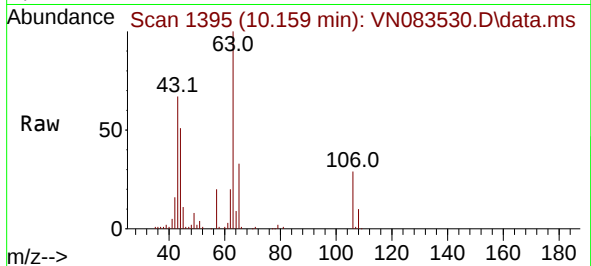
Tgt Ion:107 Resp: 39751
Ion Ratio Lower Upper
107 100
109 91.4 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 90.753 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

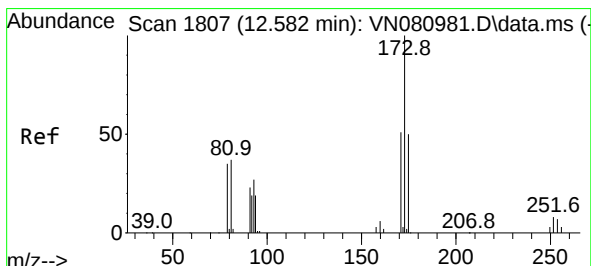
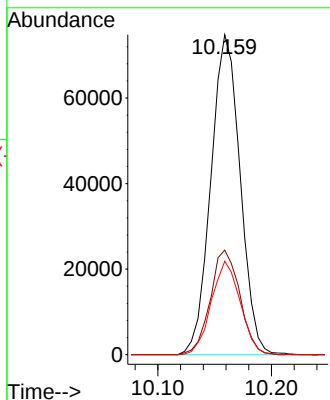
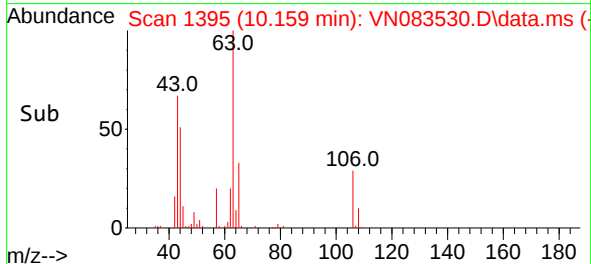
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 63 Resp: 13398
Ion Ratio Lower Upper
63 100
65 32.9 26.2 39.2
106 28.9 23.8 35.8

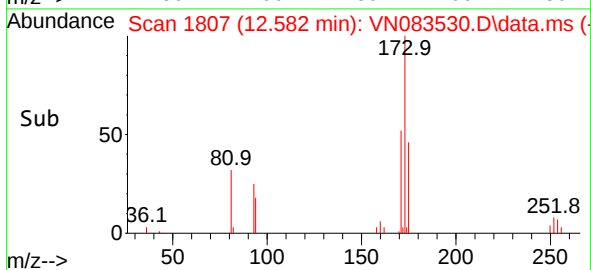
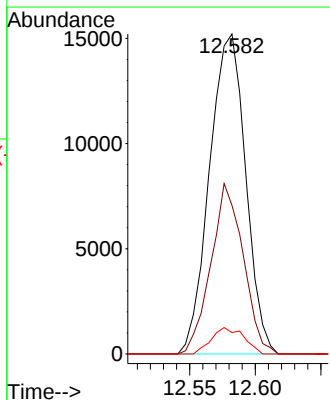
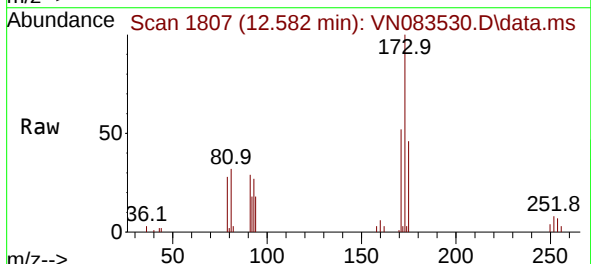
Manual Integrations
APPROVED

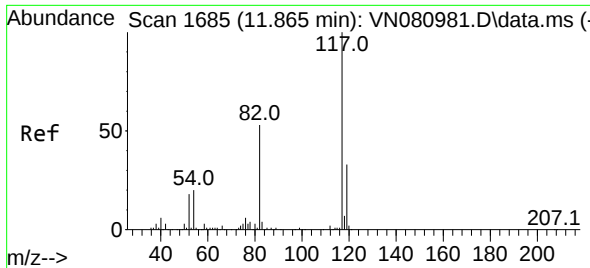
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 19.148 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

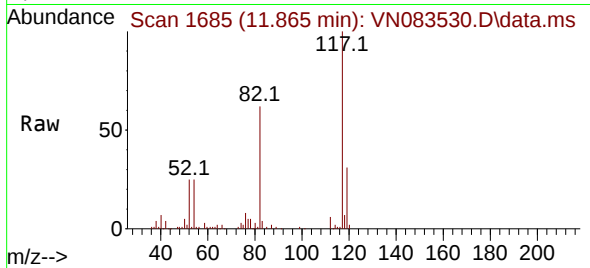
Tgt Ion:173 Resp: 29124
Ion Ratio Lower Upper
173 100
175 47.6 40.0 60.0
254 7.4 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

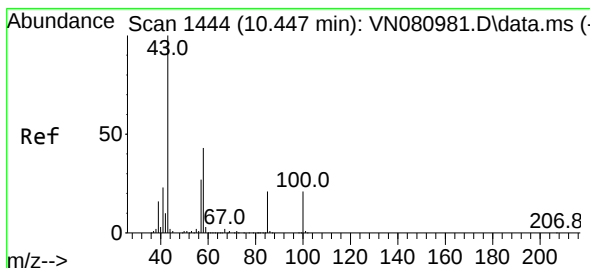
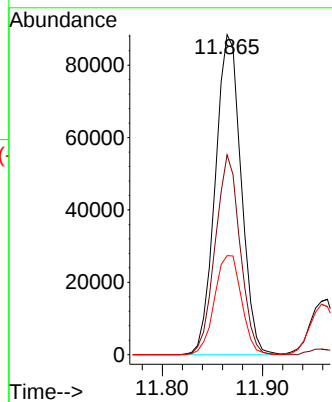
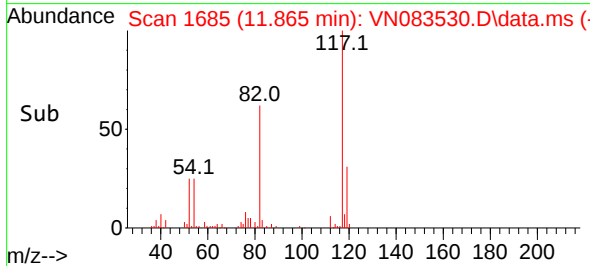
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion:117 Resp: 158000
Ion Ratio Lower Upper
117 100
82 60.1 46.6 69.8
119 32.4 25.4 38.2

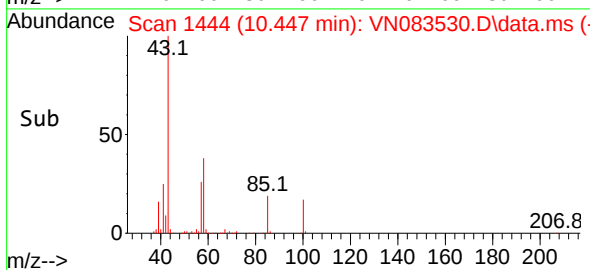
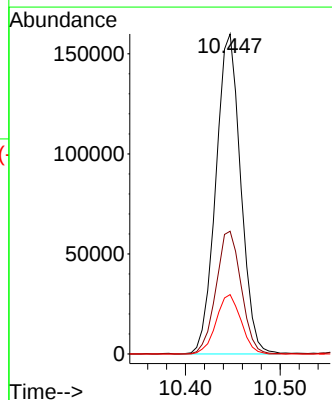
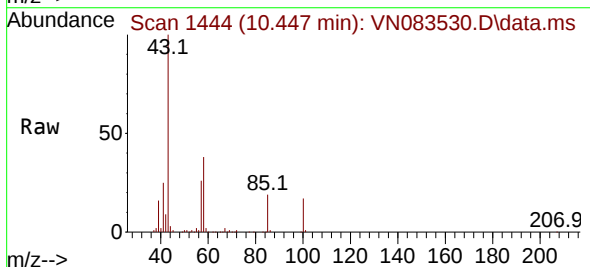
Manual Integrations
APPROVED

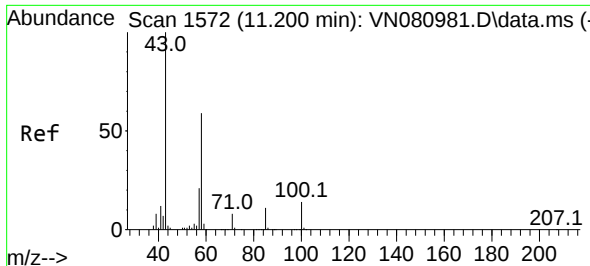
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#58
4-Methyl-2-Pentanone
Concen: 104.055 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

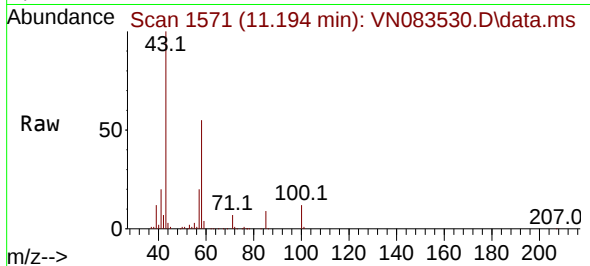
Tgt Ion: 43 Resp: 291595
Ion Ratio Lower Upper
43 100
58 38.8 36.5 54.7
85 18.5 19.5 29.3#





#59
2-Hexanone
Concen: 101.161 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

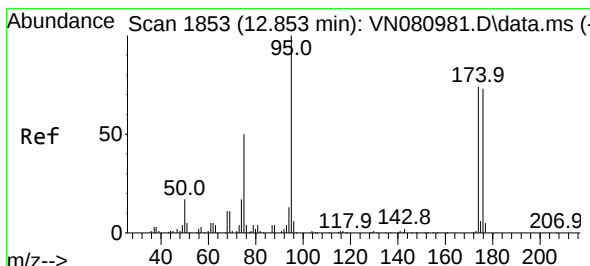
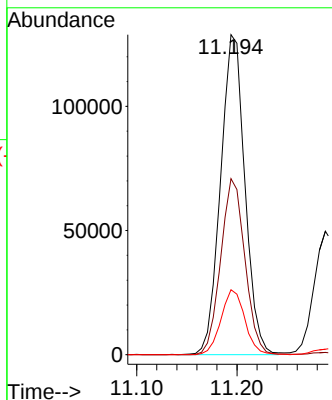
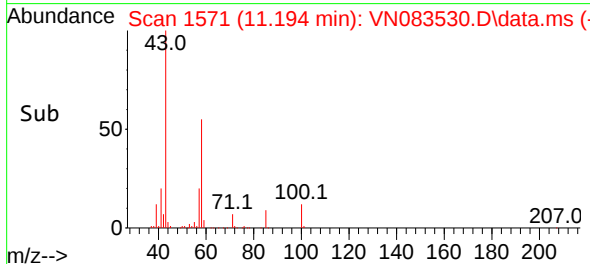
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 43 Resp: 21740
Ion Ratio Lower Upper
43 100
58 54.7 50.4 75.6
57 19.9 18.6 27.8

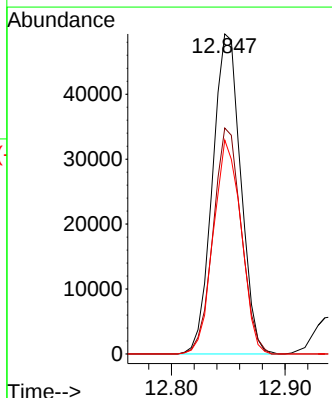
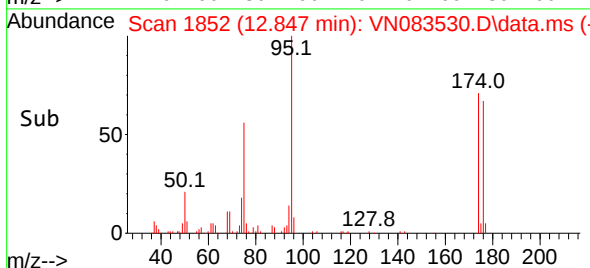
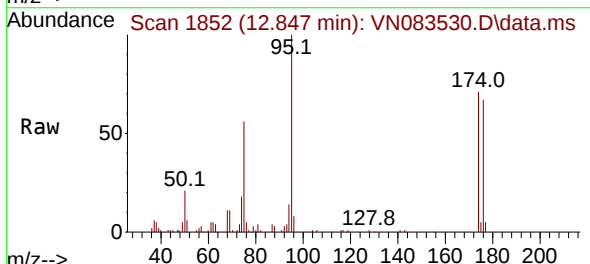
Manual Integrations
APPROVED

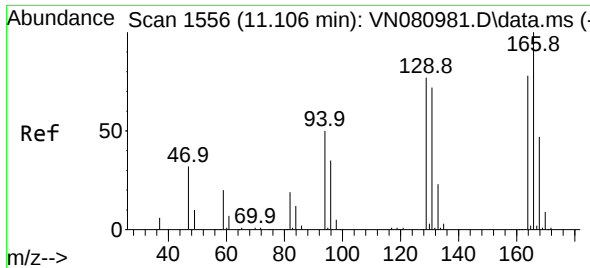
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 30.404 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

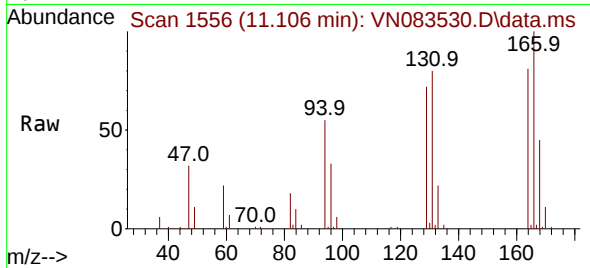
Tgt Ion: 95 Resp: 85051
Ion Ratio Lower Upper
95 100
174 70.3 60.5 90.7
176 65.8 57.8 86.6





#61
Tetrachloroethene
Concen: 19.528 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

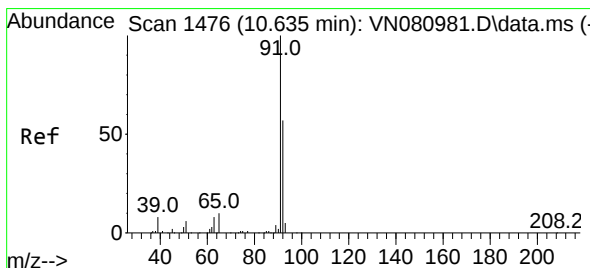
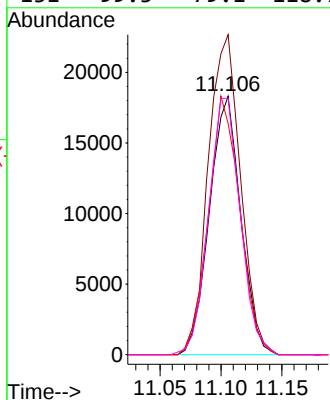
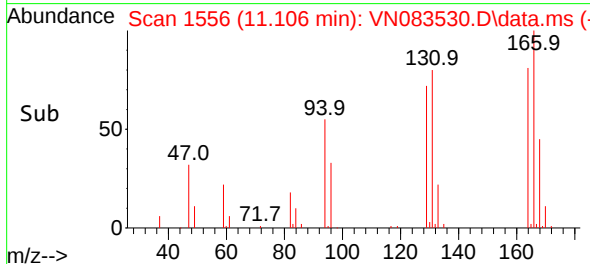
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



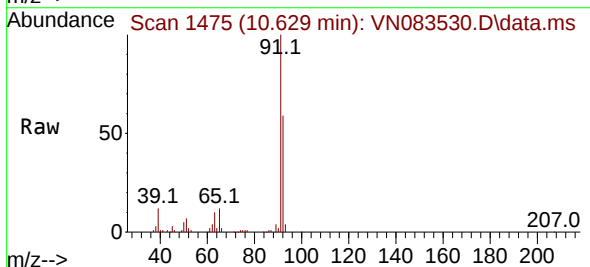
Tgt Ion:164 Resp: 32769
Ion Ratio Lower Upper
164 100
166 123.9 106.7 160.1
129 89.5 85.8 128.6
131 99.3 79.1 118.7

Manual Integrations
APPROVED

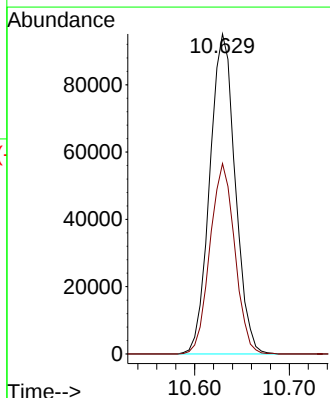
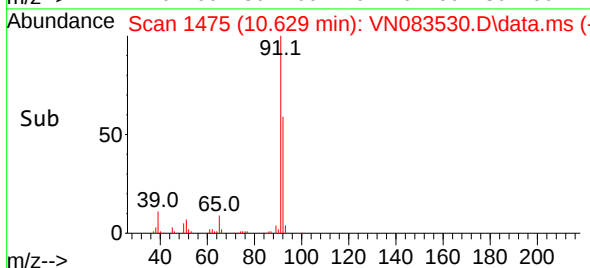
Reviewed By :John Carbone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

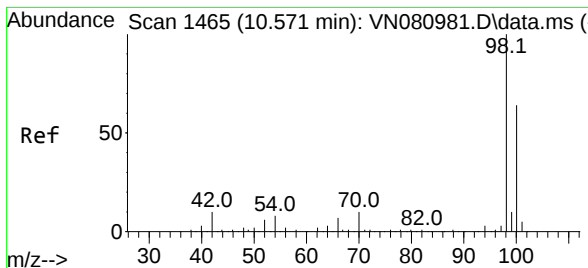


#62
Toluene
Concen: 19.414 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34



Tgt Ion: 91 Resp: 177441
Ion Ratio Lower Upper
91 100
92 58.0 46.5 69.7





#63

Toluene-d8

Concen: 30.203 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

Tgt Ion: 98 Resp: 220318

Ion Ratio Lower Upper

98 100

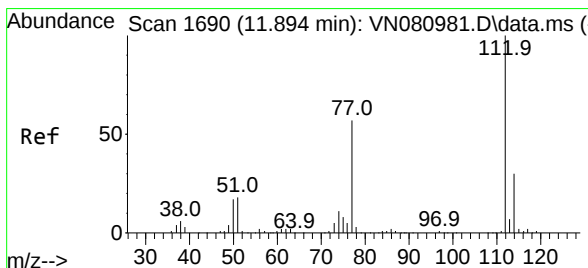
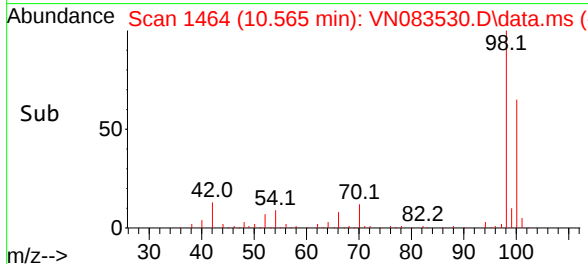
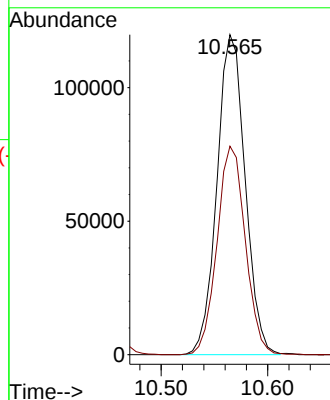
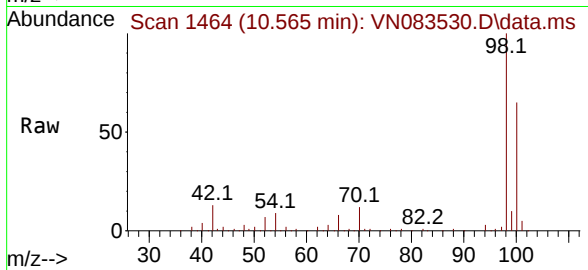
100 65.3 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#64

Chlorobenzene

Concen: 19.575 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN083530.D

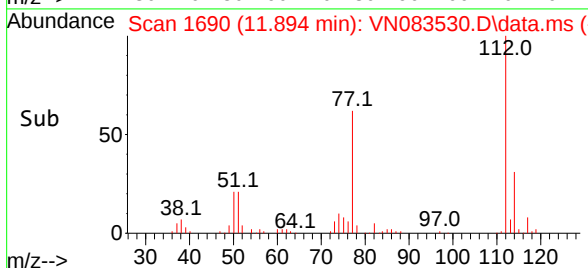
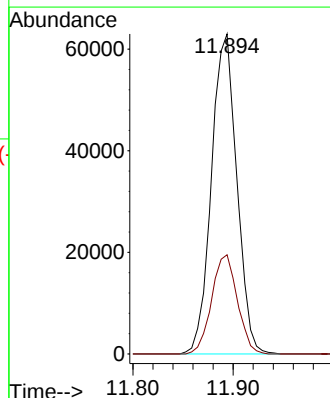
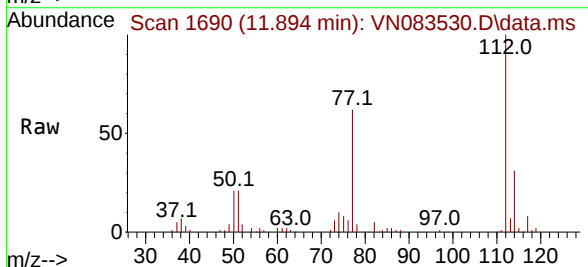
Acq: 28 Aug 2024 12:34

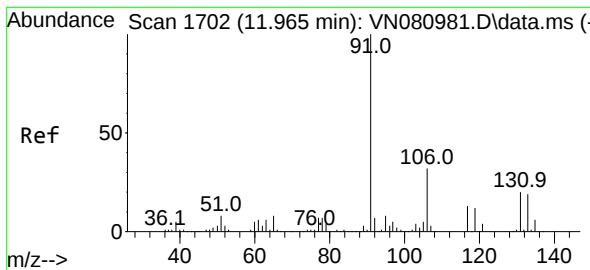
Tgt Ion:112 Resp: 110839

Ion Ratio Lower Upper

112 100

114 31.0 26.6 39.8





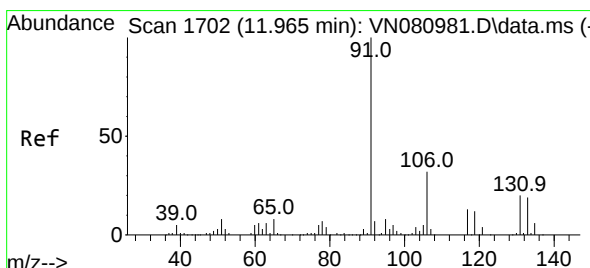
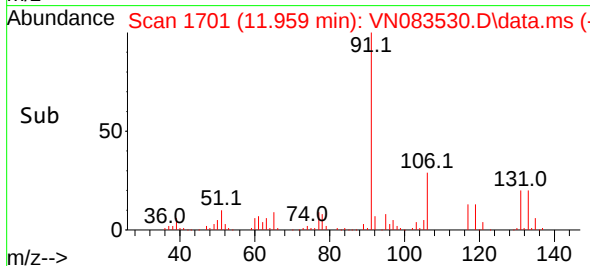
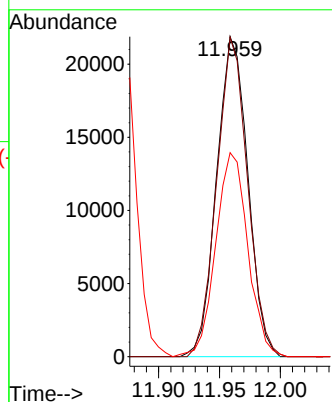
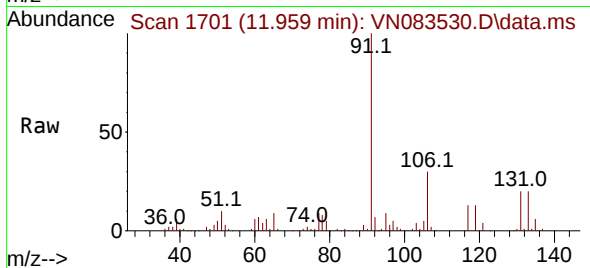
#65
1,1,1,2-Tetrachloroethane
Concen: 19.341 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion:131 Resp: 38978
Ion Ratio Lower Upper
131 100
133 98.5 0.0 188.0
119 65.5 0.0 122.8

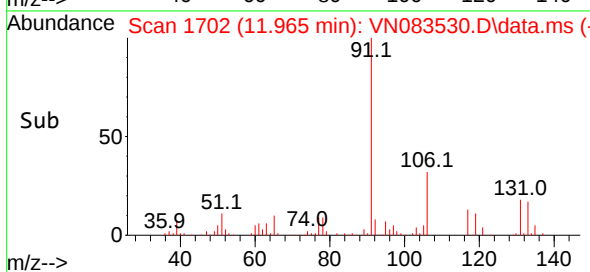
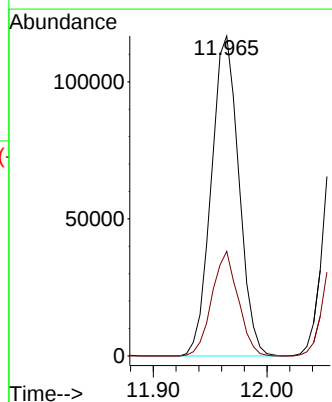
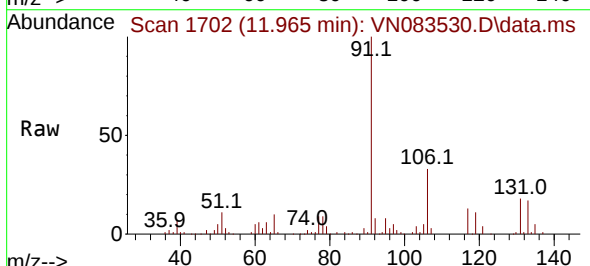
Manual Integrations
APPROVED

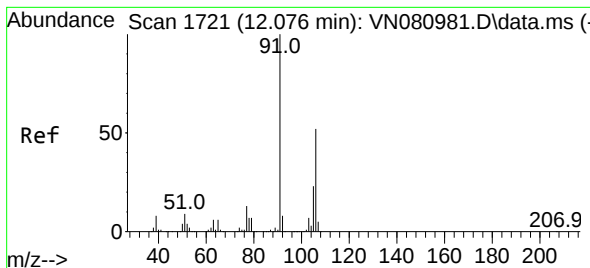
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 19.110 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 91 Resp: 197047
Ion Ratio Lower Upper
91 100
106 32.7 24.4 36.6





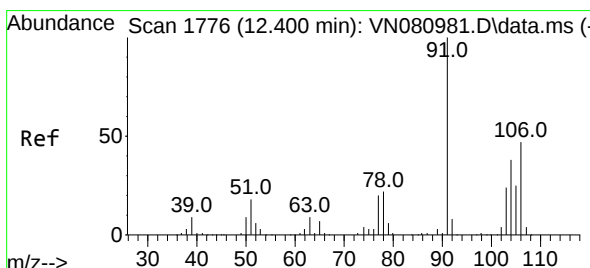
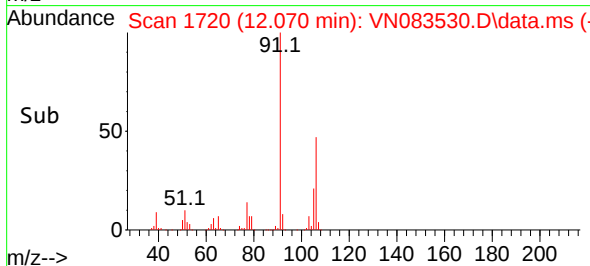
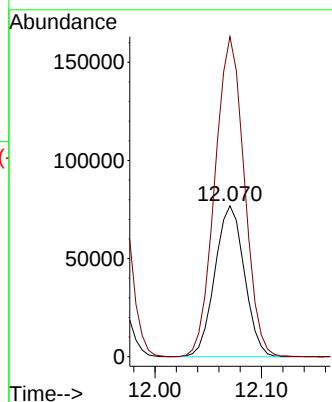
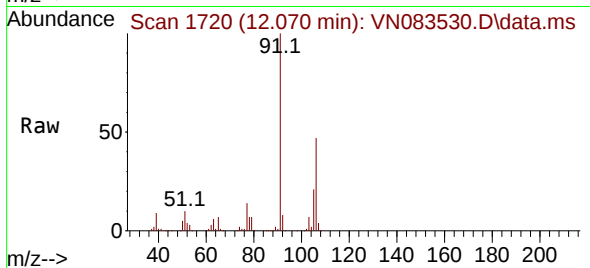
#67
m/p-Xylenes
Concen: 38.621 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion:106 Resp: 14759
Ion Ratio Lower Upper
106 100
91 211.7 166.6 249.8

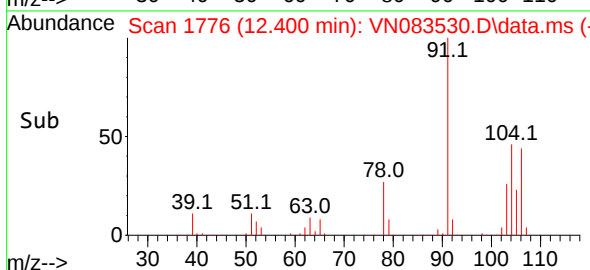
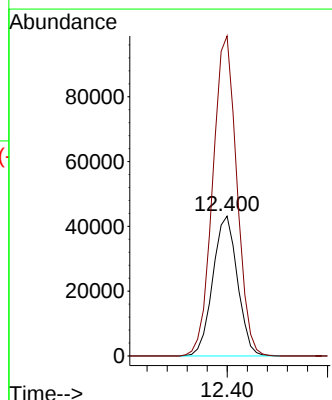
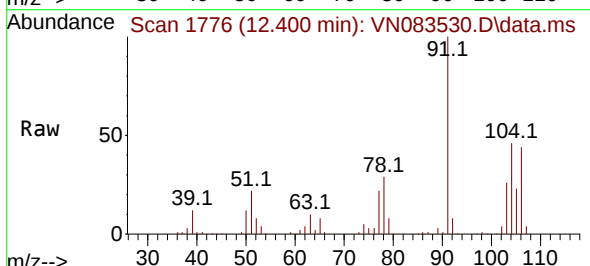
Manual Integrations
APPROVED

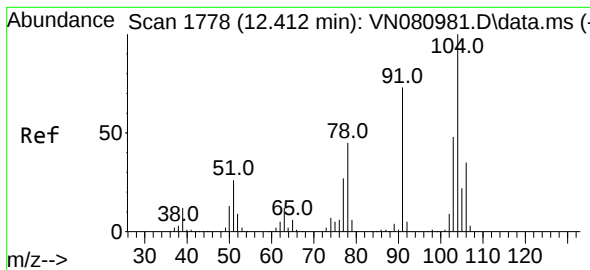
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 19.628 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion:106 Resp: 73660
Ion Ratio Lower Upper
106 100
91 223.5 110.0 330.0





#69

Styrene

Concen: 18.953 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

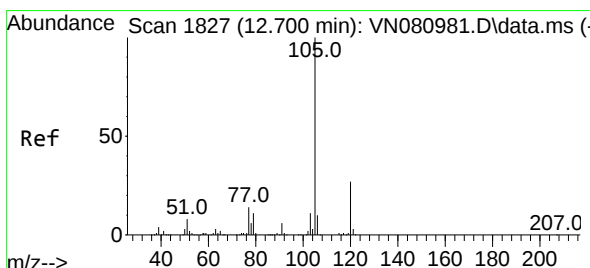
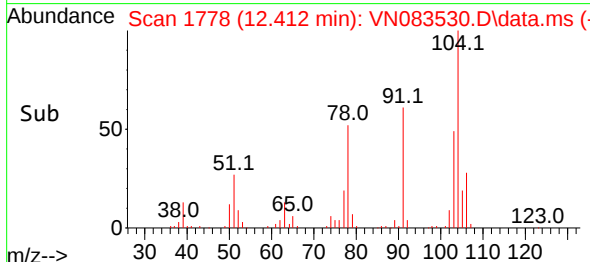
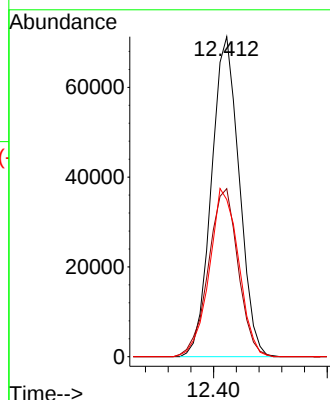
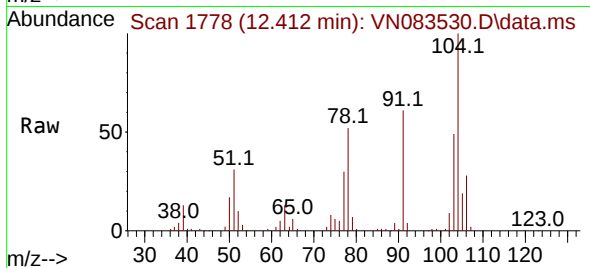
Tgt Ion:104	Resp:	12110
Ion Ratio	Lower	Upper
104	100	
78	56.1	42.6 64.0
103	55.2	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#70

Isopropylbenzene

Concen: 19.326 ug/l

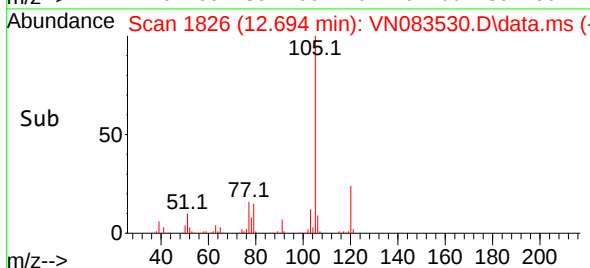
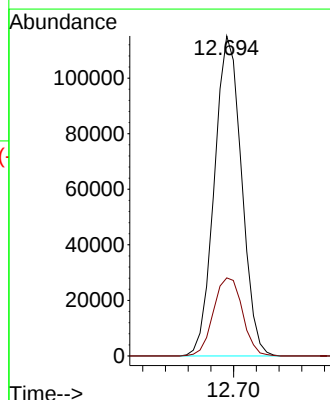
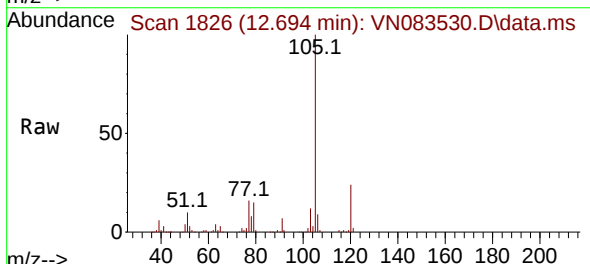
RT: 12.694 min Scan# 1826

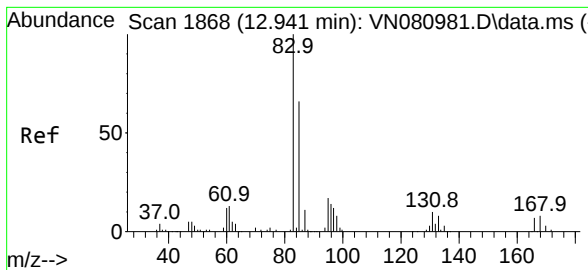
Delta R.T. -0.006 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Tgt Ion:105	Resp:	191577
Ion Ratio	Lower	Upper
105	100	
120	26.0	17.8 33.1





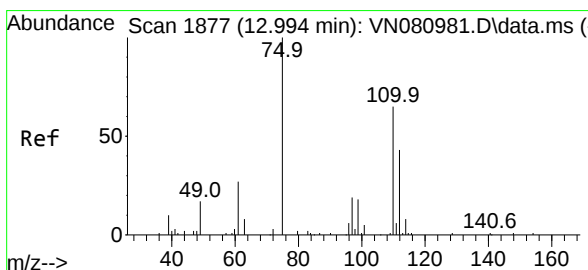
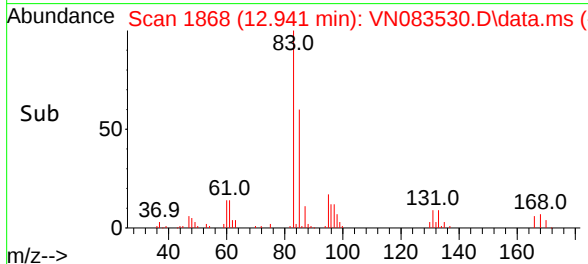
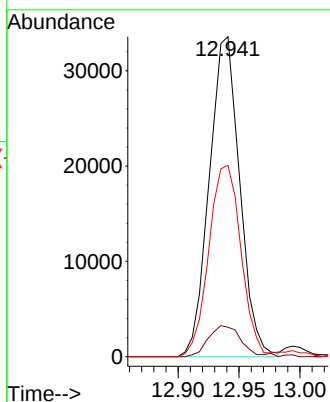
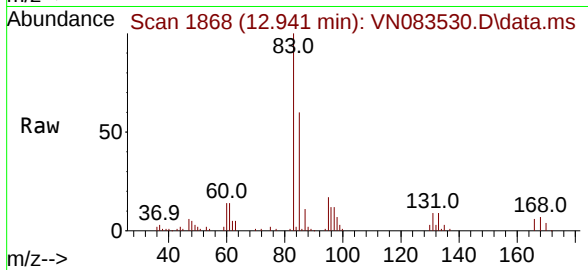
#71
1,1,2,2-Tetrachloroethane
Concen: 20.225 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument : MSVOA_N
ClientSampleId : ICVVN082824

Tgt Ion: 83 Resp: 58564
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 63.1 32.3 96.8

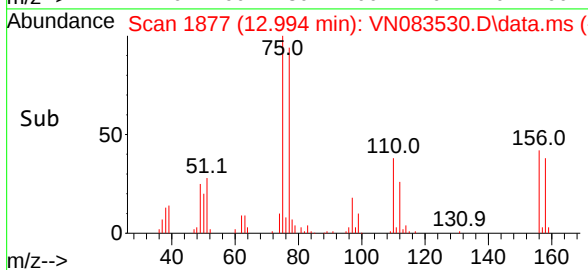
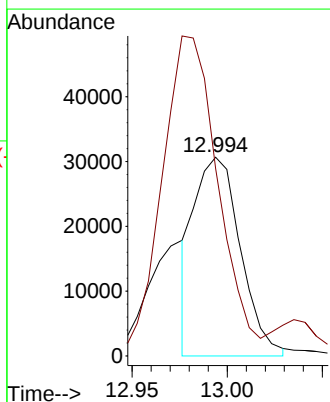
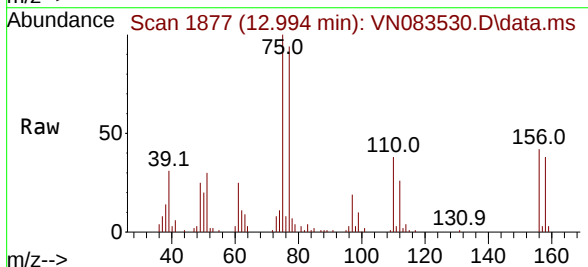
Manual Integrations
APPROVED

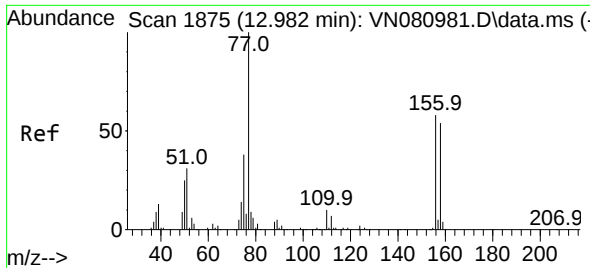
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 20.688 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 75 Resp: 51725
Ion Ratio Lower Upper
75 100
77 195.6 0.0 367.6





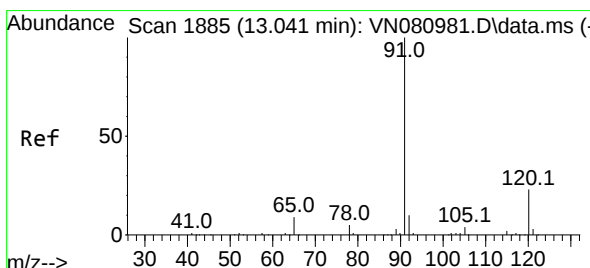
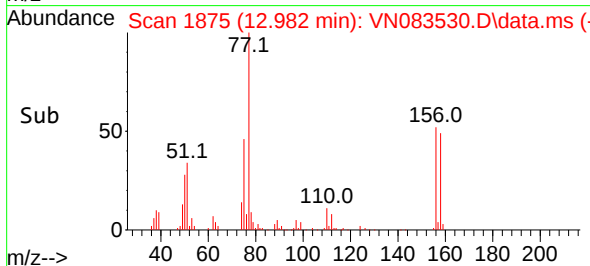
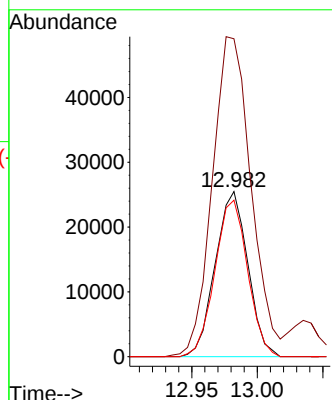
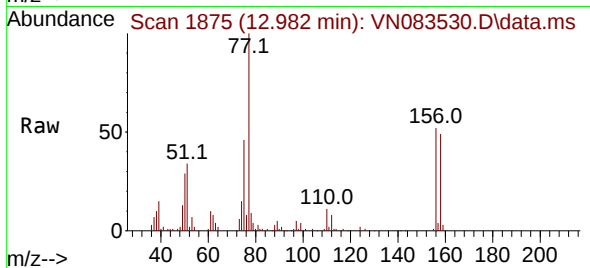
#73
Bromobenzene
Concen: 19.585 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion:156 Resp: 43940
Ion Ratio Lower Upper
156 100
77 230.3 0.0 437.6
158 95.3 0.0 203.8

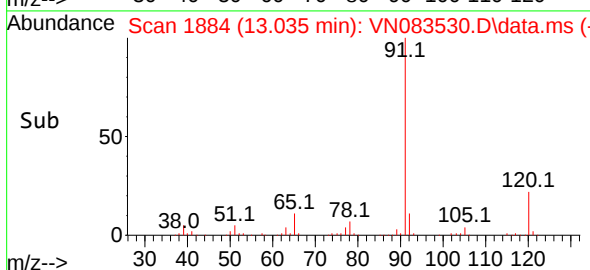
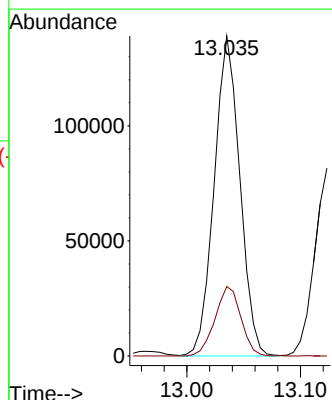
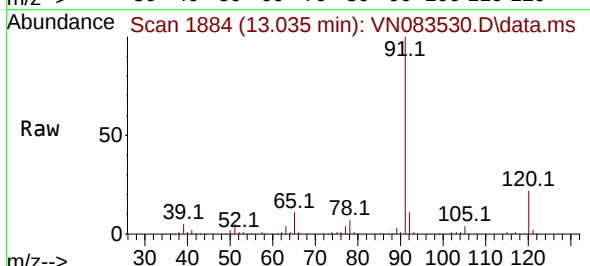
Manual Integrations
APPROVED

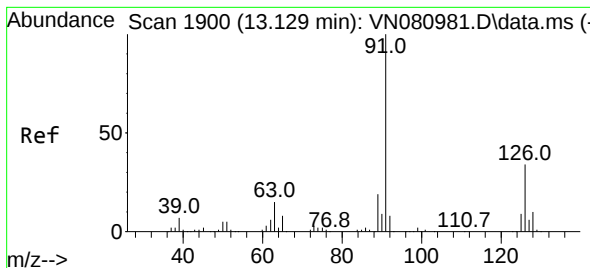
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 18.994 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 91 Resp: 218152
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.8





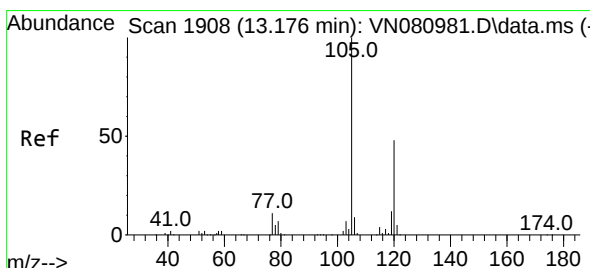
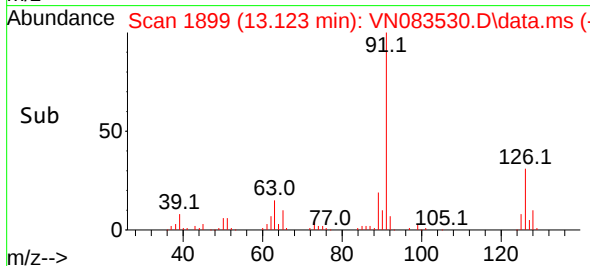
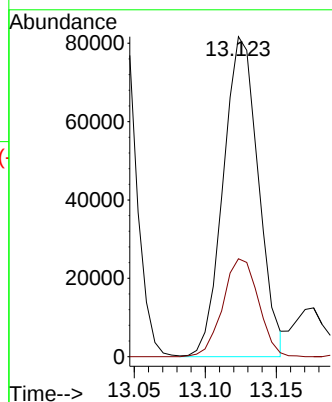
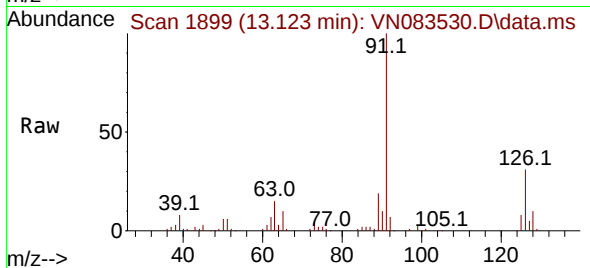
#75
2-Chlorotoluene
Concen: 19.154 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824

Tgt Ion: 91 Resp: 140790
Ion Ratio Lower Upper
91 100
126 31.0 0.0 61.2

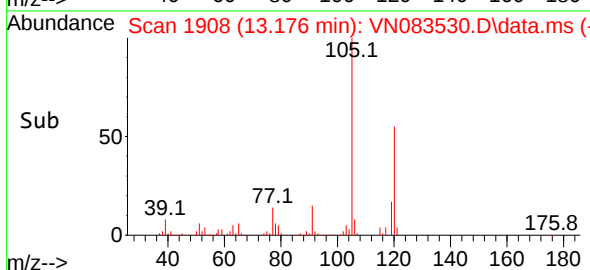
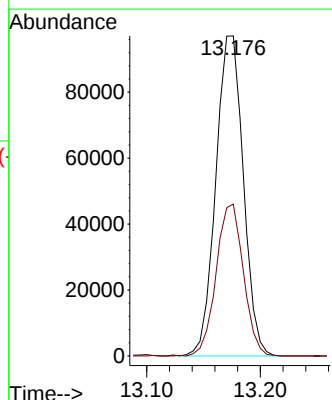
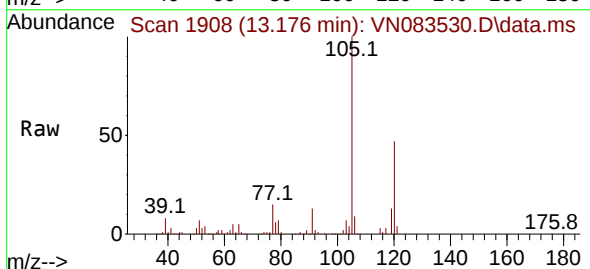
Manual Integrations
APPROVED

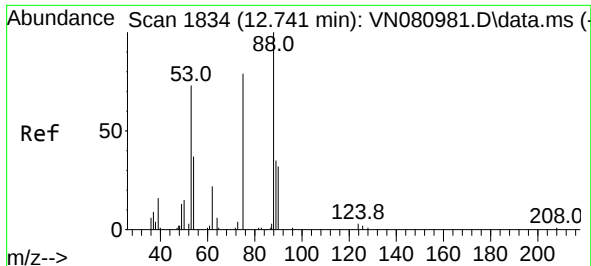
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.742 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion:105 Resp: 163364
Ion Ratio Lower Upper
105 100
120 46.9 0.0 95.8





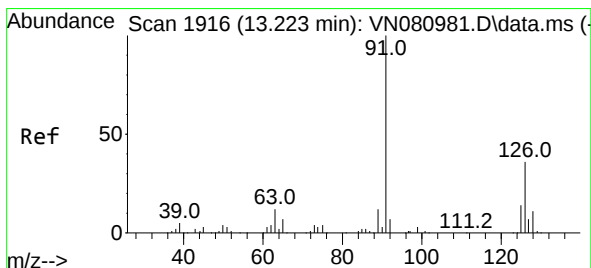
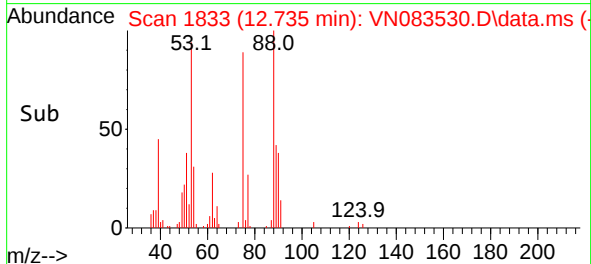
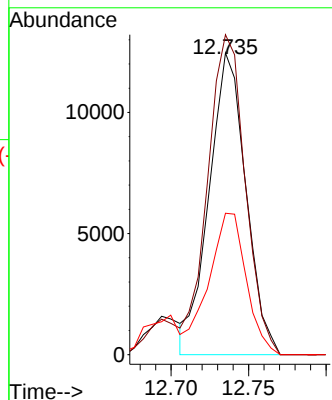
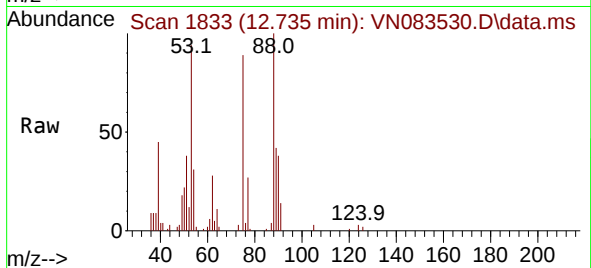
#77
t-1,4-Dichloro-2-butene
Concen: 18.968 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument : MSVOA_N
ClientSampleId : ICVVN082824

Tgt Ion: 75 Resp: 20580
Ion Ratio Lower Upper
75 100
53 106.0 45.9 137.7
89 46.9 25.9 77.7

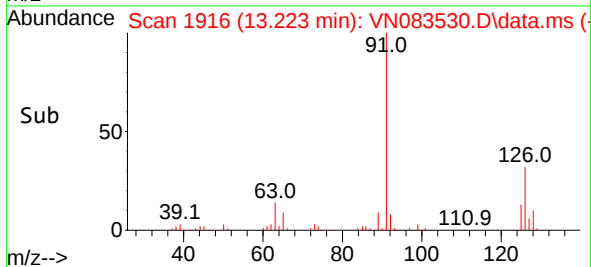
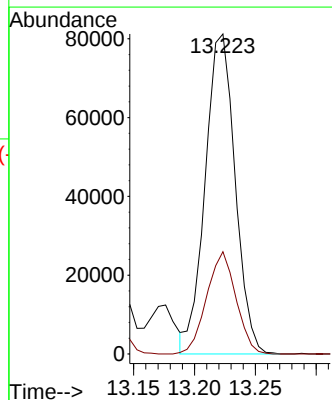
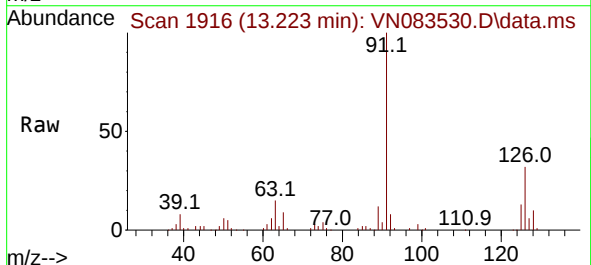
Manual Integrations
APPROVED

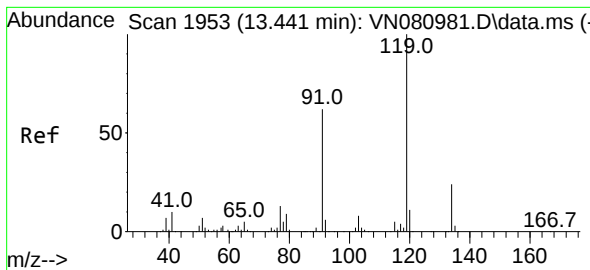
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#78
4-Chlorotoluene
Concen: 19.100 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion: 91 Resp: 139367
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.8





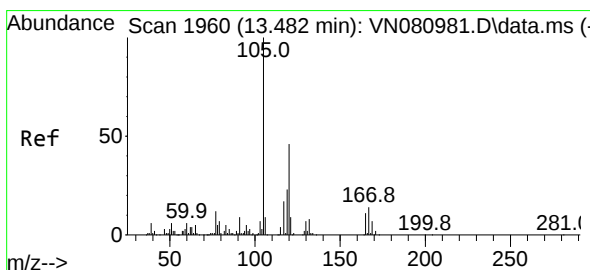
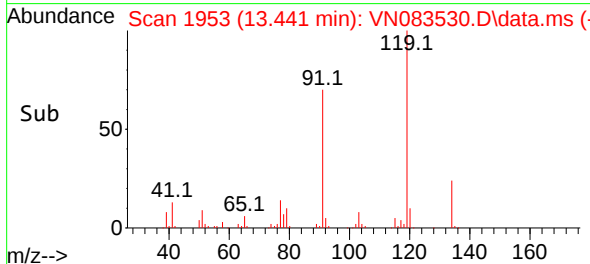
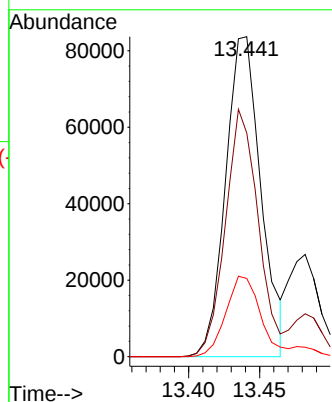
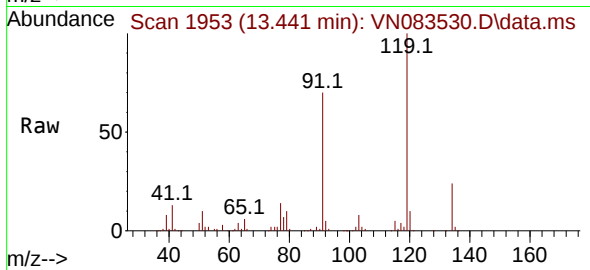
#79
tert-butylbenzene
Concen: 19.574 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Instrument : MSVOA_N
ClientSampleId : ICVVN082824

Tgt Ion:119 Resp: 145072
Ion Ratio Lower Upper
119 100
91 71.9 0.0 138.8
134 24.7 0.0 48.6

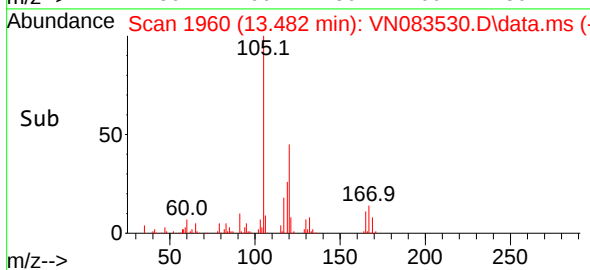
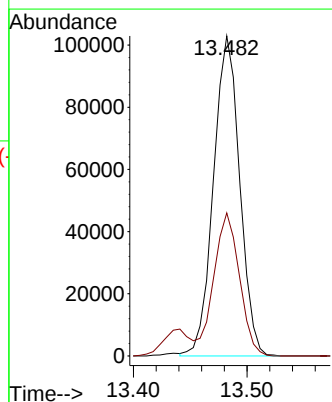
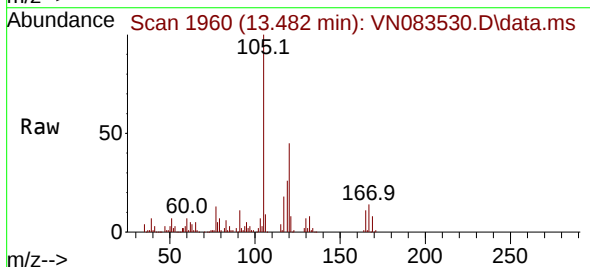
Manual Integrations
APPROVED

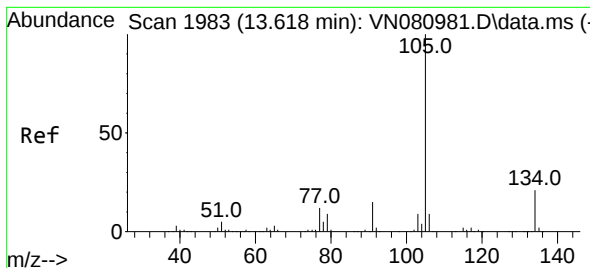
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.560 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

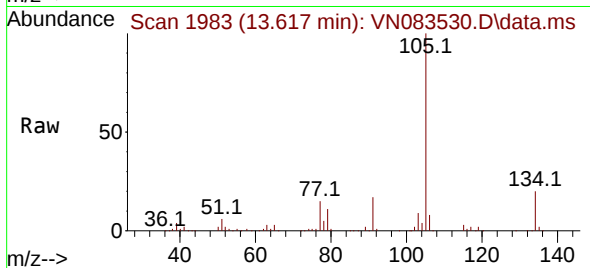
Tgt Ion:105 Resp: 165012
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.134 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34

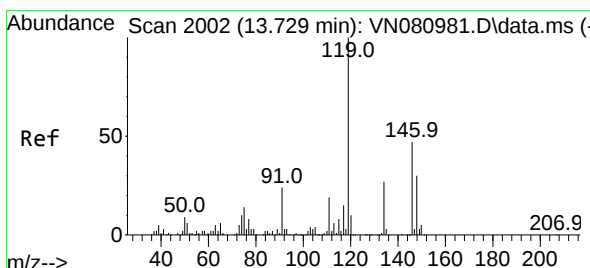
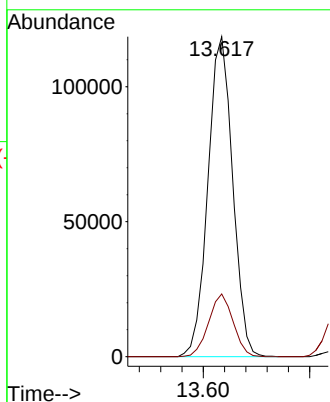
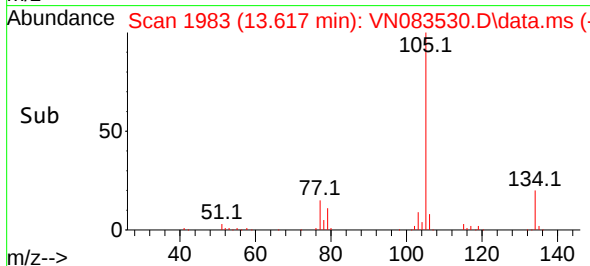
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824



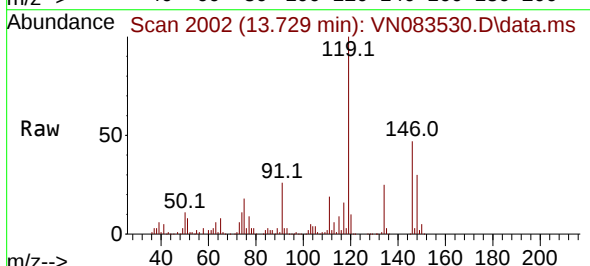
Tgt Ion:105 Resp: 190910
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
 APPROVED

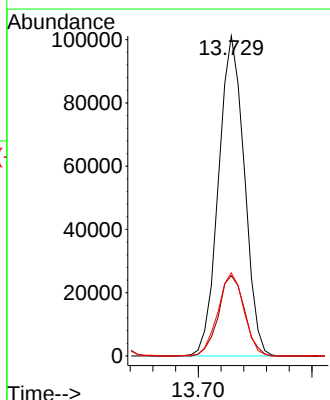
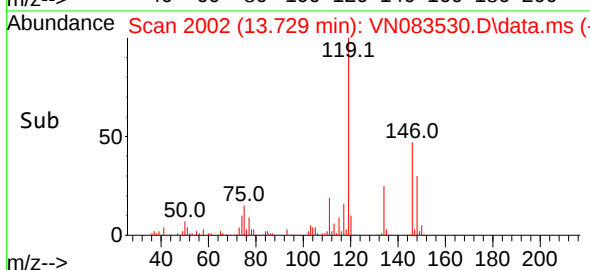
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

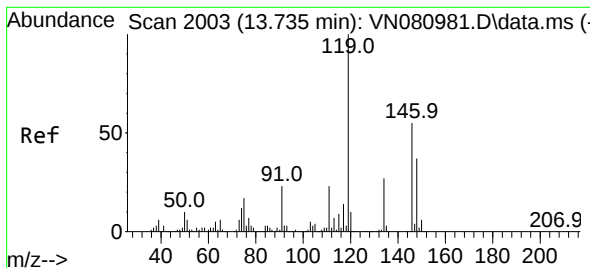


#82
 p-Isopropyltoluene
 Concen: 18.887 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083530.D
 Acq: 28 Aug 2024 12:34



Tgt Ion:119 Resp: 159534
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 49.2
 91 26.1 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 18.544 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

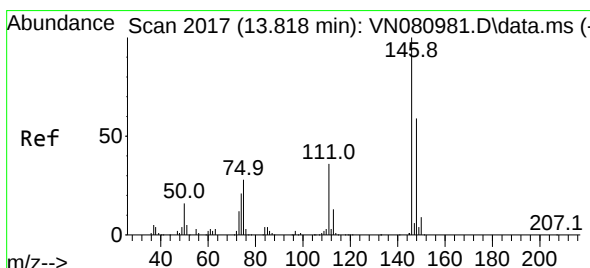
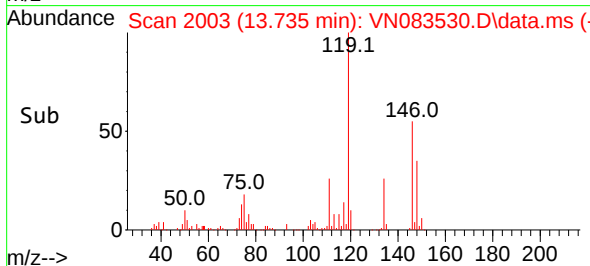
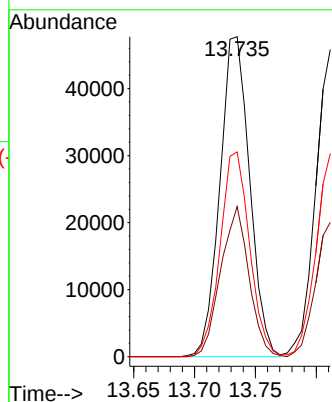
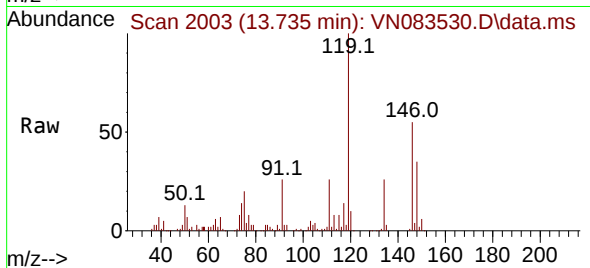
Tgt Ion:	146	Resp:	8126
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.4	67.0
148	63.4	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#84

1,4-Dichlorobenzene

Concen: 17.880 ug/l

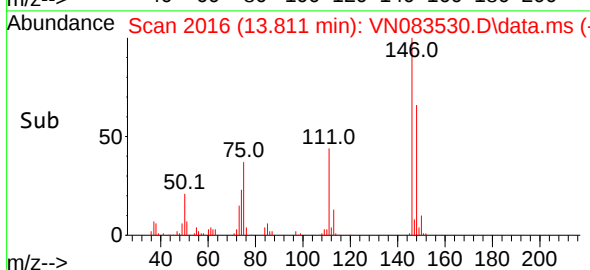
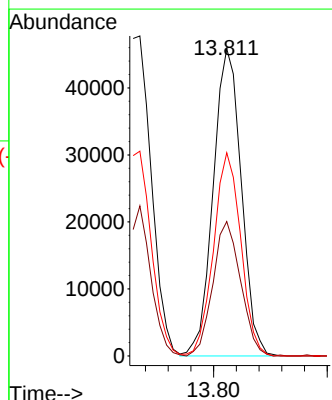
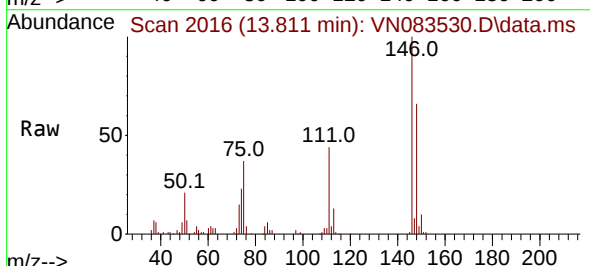
RT: 13.811 min Scan# 2016

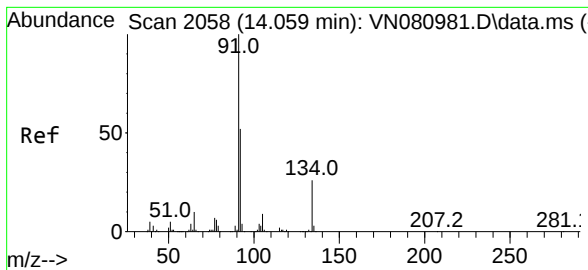
Delta R.T. -0.006 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

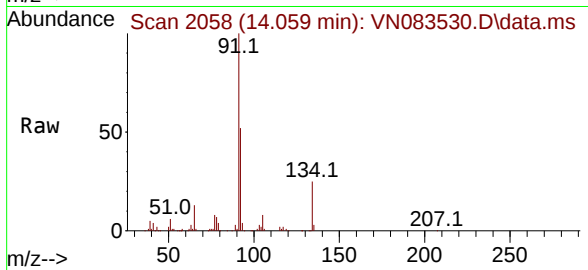
Tgt Ion:	146	Resp:	78701
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.3	63.9
148	64.3	31.9	95.5





#85
n-Butylbenzene
Concen: 18.372 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

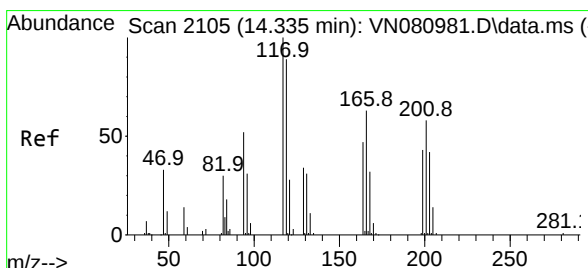
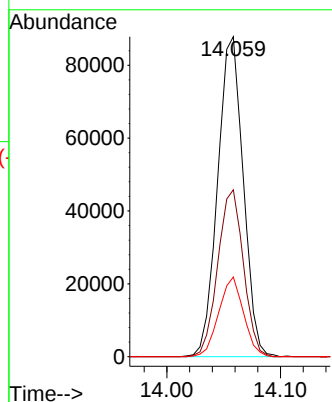
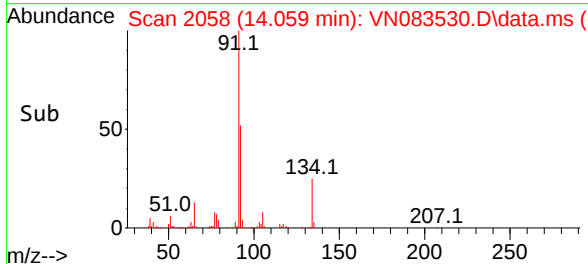
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion: 91 Resp: 13753
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.0
134 24.1 0.0 51.8

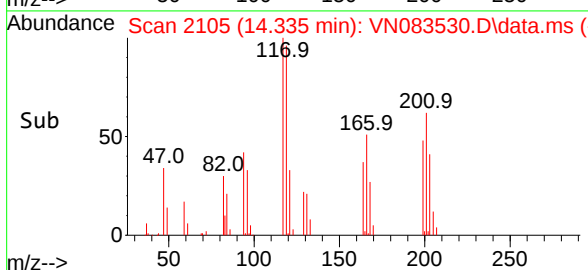
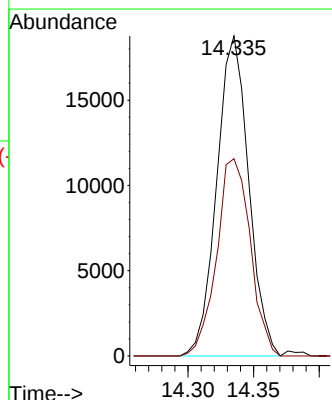
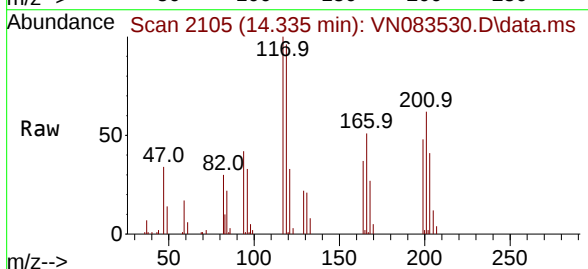
Manual Integrations
APPROVED

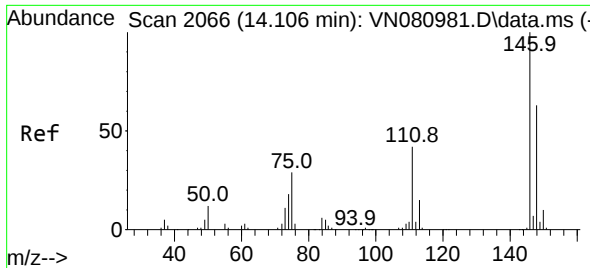
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#86
Hexachloroethane
Concen: 19.178 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

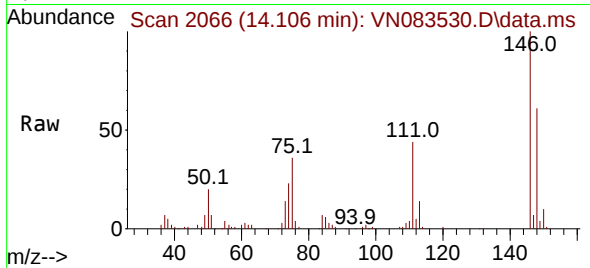
Tgt Ion:117 Resp: 31727
Ion Ratio Lower Upper
117 100
201 64.9 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 18.544 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

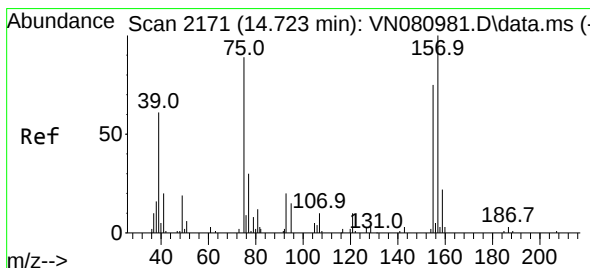
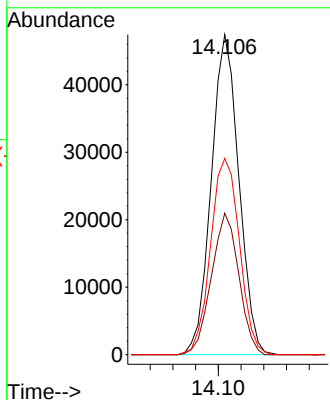
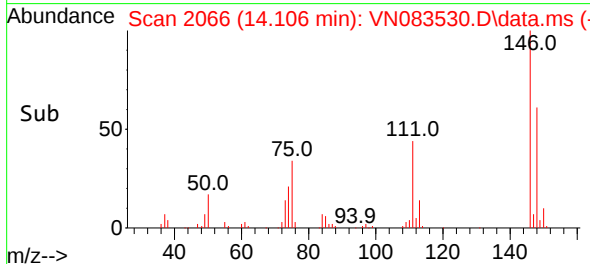
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



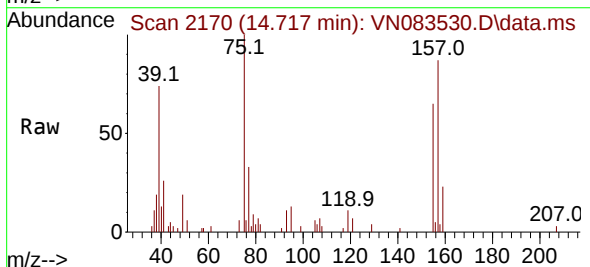
Tgt Ion:146 Resp: 8000
Ion Ratio Lower Upper
146 100
111 44.0 22.6 67.8
148 64.2 31.3 93.8

Manual Integrations
APPROVED

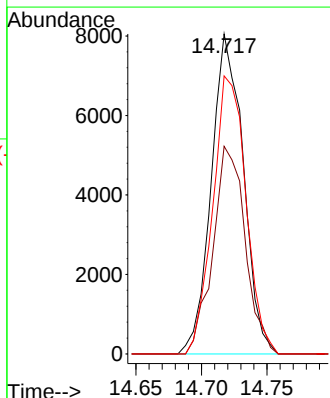
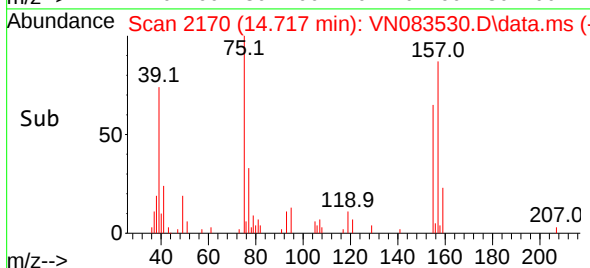
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

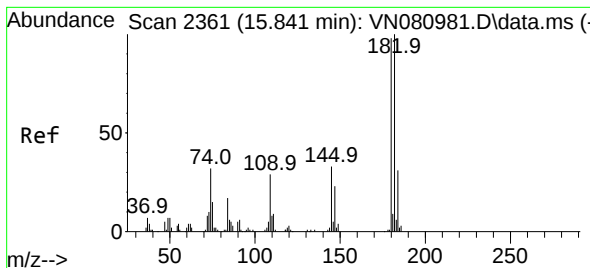


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.610 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34



Tgt Ion: 75 Resp: 13645
Ion Ratio Lower Upper
75 100
155 65.5 61.7 92.5
157 89.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.621 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

ICVVN082824

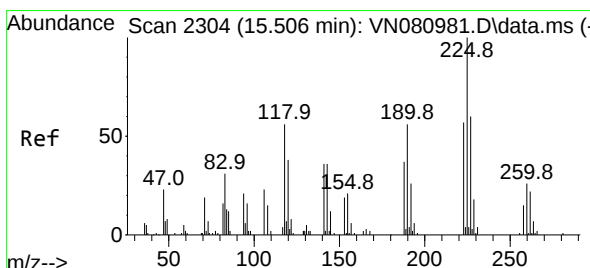
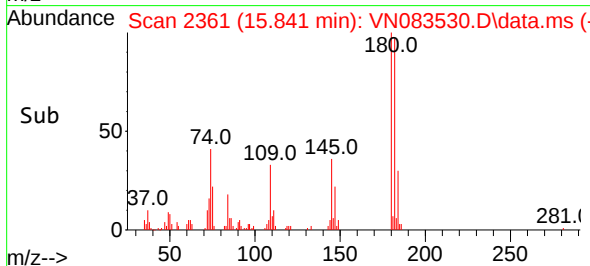
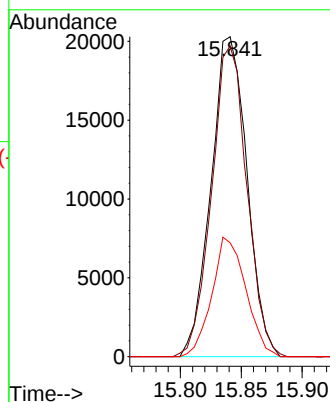
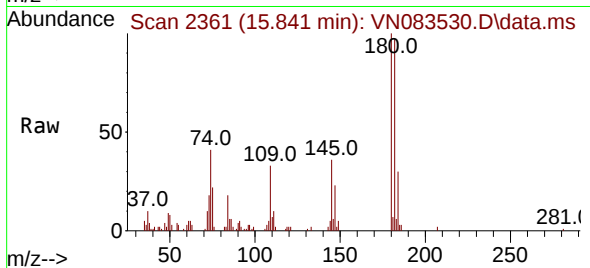
Tgt Ion:180	Resp:	41670
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.4 114.6
145	35.3	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 18.162 ug/l

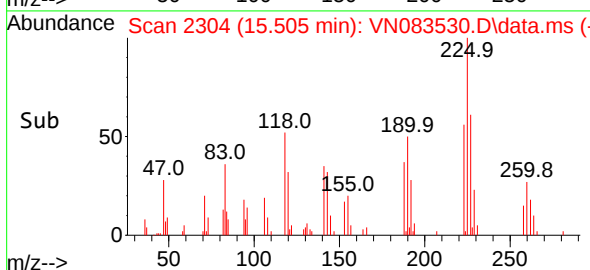
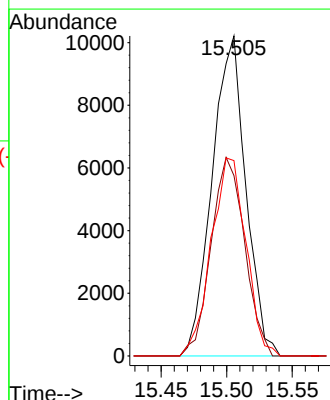
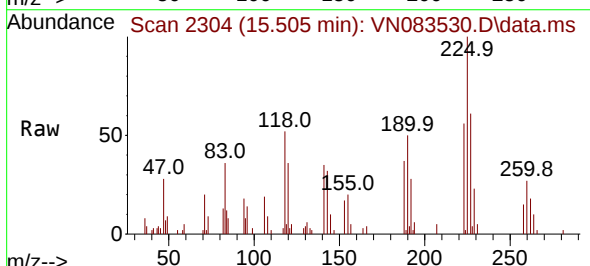
RT: 15.505 min Scan# 2304

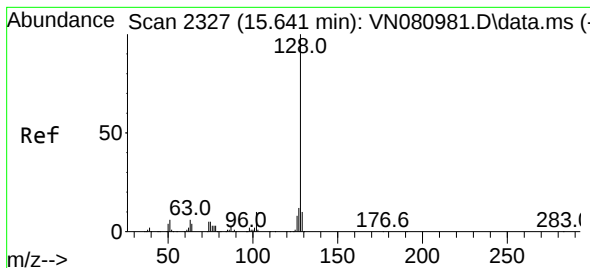
Delta R.T. -0.000 min

Lab File: VN083530.D

Acq: 28 Aug 2024 12:34

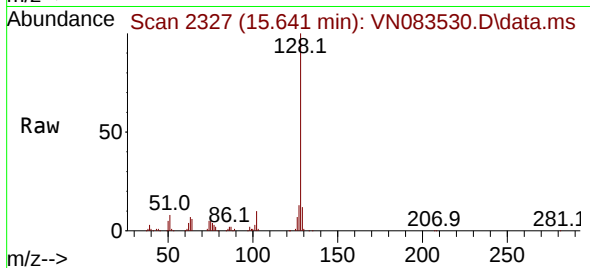
Tgt Ion:225	Resp:	18251
Ion Ratio	Lower	Upper
225	100	
223	61.9	0.0 126.6
227	63.6	0.0 126.6





#91
Naphthalene
Concen: 17.593 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

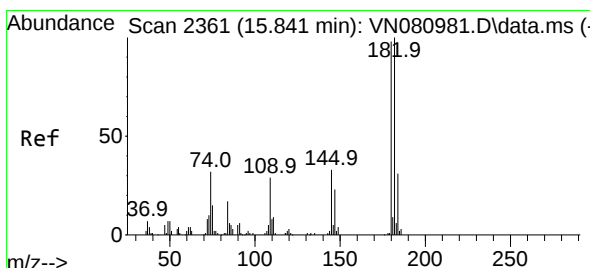
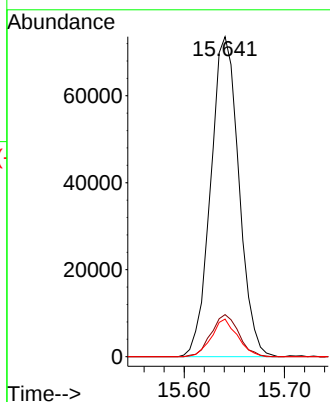
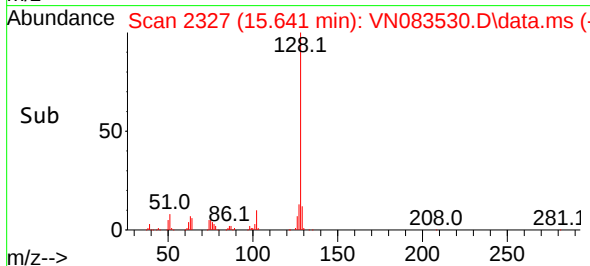
Instrument :
MSVOA_N
ClientSampleId :
ICVVN082824



Tgt Ion:128 Resp: 143825
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.621 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083530.D
Acq: 28 Aug 2024 12:34

Tgt Ion:180 Resp: 41676
Ion Ratio Lower Upper
180 100
182 95.1 0.0 191.0
145 35.3 0.0 71.0

