

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084078.D
 Acq On : 20 Sep 2024 18:22
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 20 23:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	25554	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	142558	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	127859	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	71304	30.526	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.767%			
60) 4-Bromofluorobenzene	12.847	95	65215	29.594	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.633%			
63) Toluene-d8	10.565	98	186384	31.482	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33303	19.461	ug/l	93
3) Chloromethane	2.359	50	35617	20.031	ug/l	96
4) Vinyl Chloride	2.512	62	35816	19.594	ug/l	92
5) Bromomethane	2.954	94	21941	21.484	ug/l	93
6) Chloroethane	3.118	64	23600	19.281	ug/l	100
7) Trichlorofluoromethane	3.495	101	58781	19.181	ug/l	99
8) Diethyl Ether	3.965	74	18994	18.241	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	30796	18.709	ug/l	93
10) 1,1-Dichloroethene	4.342	96	28430	17.900	ug/l #	70
11) Methyl Iodide	4.583	142	37406m	17.339	ug/l	
12) Methyl Acetate	5.030	43	44255	23.105	ug/l #	76
13) Acrolein	4.183	56	28241	101.028	ug/l	98
14) Acrylonitrile	5.724	53	84368	108.843	ug/l	99
15) Acetone	4.430	58	21937m	85.315	ug/l	
16) Carbon Disulfide	4.712	76	81589	18.177	ug/l	96
17) Allyl chloride	5.024	41	48632	17.461	ug/l	89
18) Methylene Chloride	5.277	84	34984	20.133	ug/l #	79
19) trans-1,2-Dichloroethene	5.789	96	30595	18.586	ug/l	96
20) Diisopropyl ether	6.671	45	113500	20.179	ug/l	96
21) 1,1-Dichloroethane	6.565	63	64343	20.036	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	37838	18.886	ug/l	93
23) tert-Butyl Alcohol	5.524	59	31822	111.875	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	108076	19.149	ug/l #	90
25) Chloroform	7.965	83	67085	19.712	ug/l	99
26) Cyclohexane	8.259	56	51255	18.122	ug/l #	84
29) 1,1-Dichloropropene	8.371	75	44275	19.581	ug/l	98
30) 2-Butanone	7.489	43	119677	112.279	ug/l	92
31) 2,2-Dichloropropane	7.494	77	45797	15.886	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	60761	20.121	ug/l	96
33) Carbon Tetrachloride	8.365	117	52183	19.954	ug/l	93
34) Benzene	8.606	78	140651	20.731	ug/l	97
35) Methacrylonitrile	7.783	41	27296	22.781	ug/l	94
36) 1,2-Dichloroethane	8.671	62	53261	20.882	ug/l #	93
37) Trichloroethene	9.353	130	32245	20.239	ug/l	100
38) Methylcyclohexane	9.600	83	45455	16.791	ug/l	91
39) 1,2-Dichloropropane	9.618	63	35544	21.768	ug/l	98
40) Dibromomethane	9.706	93	25307	21.196	ug/l	95
41) Bromodichloromethane	9.888	83	55576	21.890	ug/l #	98
42) Vinyl Acetate	6.606	43	426573	97.338	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084078.D
 Acq On : 20 Sep 2024 18:22
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

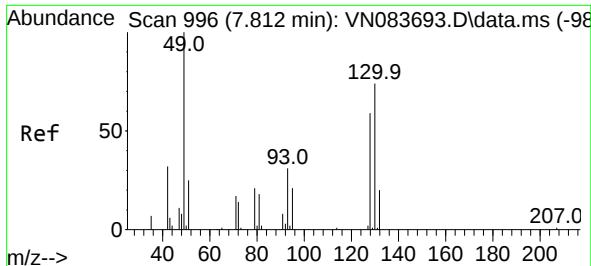
Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 20 23:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

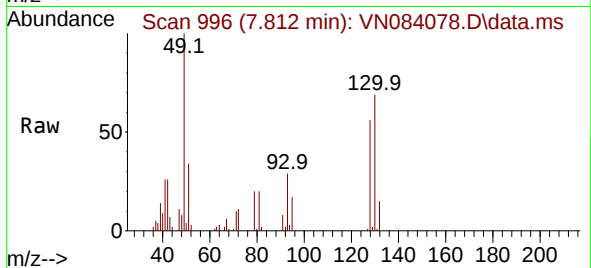
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	44032	20.524	ug/l #	92
44) Isopropyl Acetate	8.694	43	112095	30.209	ug/l #	78
45) 1,4-Dioxane	9.694	88	13703	473.465	ug/l #	90
46) Methyl methacrylate	9.682	41	38422	21.392	ug/l	83
47) n-amyl Acetate	12.494	43	74453	22.651	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	50402	18.873	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	53575	19.290	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	33799	22.248	ug/l	95
51) Ethyl methacrylate	10.877	69	52143	20.090	ug/l	73
52) 1,3-Dichloropropane	11.165	76	57328	20.896	ug/l	100
53) Dibromochloromethane	11.359	129	38317	21.028	ug/l	100
54) 1,2-Dibromoethane	11.471	107	32324	20.567	ug/l	95
55) 2-Chloroethyl vinyl ether	10.159	63	114429	110.625	ug/l	96
56) Bromoform	12.582	173	24867	21.480	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	253081	124.833	ug/l #	86
59) 2-Hexanone	11.194	43	183456m	119.757	ug/l	
61) Tetrachloroethene	11.106	164	27471	20.301	ug/l	86
62) Toluene	10.629	91	150961	20.541	ug/l	99
64) Chlorobenzene	11.894	112	91991	20.217	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	33019	20.831	ug/l	98
66) Ethyl Benzene	11.965	91	159596	19.096	ug/l	97
67) m/p-Xylenes	12.071	106	119872	38.986	ug/l	96
68) o-Xylene	12.400	106	57549	19.339	ug/l	96
69) Styrene	12.412	104	99222	19.733	ug/l	99
70) Isopropylbenzene	12.694	105	149233	19.003	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	49571	23.111	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	42696m	22.704	ug/l	
73) Bromobenzene	12.982	156	35311	19.576	ug/l	91
74) n-propylbenzene	13.035	91	176748	19.226	ug/l	98
75) 2-Chlorotoluene	13.123	91	111289	19.396	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	128280	19.555	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	15170	19.085	ug/l	84
78) 4-Chlorotoluene	13.223	91	111642	19.187	ug/l	99
79) tert-butylbenzene	13.441	119	106492	18.564	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	127496	19.233	ug/l	99
81) sec-Butylbenzene	13.618	105	151006	19.270	ug/l	98
82) p-Isopropyltoluene	13.729	119	120249	18.238	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	66312	19.101	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	63921	18.417	ug/l	98
85) n-Butylbenzene	14.059	91	102139	17.555	ug/l	97
86) Hexachloroethane	14.335	117	23620	18.905	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	63584	18.872	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10390	22.042	ug/l	86
89) 1,2,4-Trichlorobenzene	15.841	180	29899	16.198	ug/l	99
90) Hexachlorobutadiene	15.500	225	14032	18.366	ug/l	95
91) Naphthalene	15.641	128	95559	15.835	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	29899	16.198	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

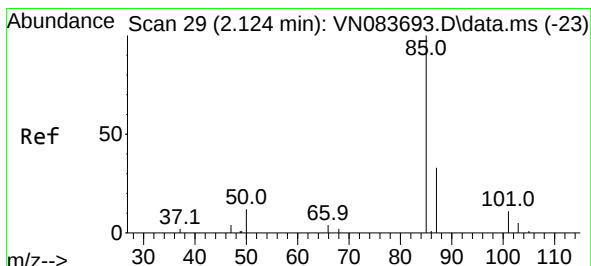
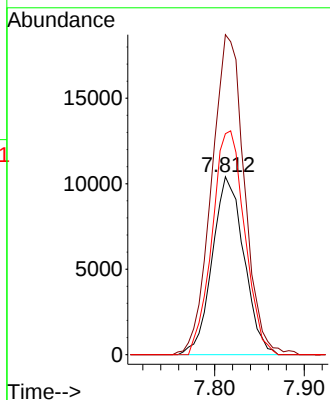
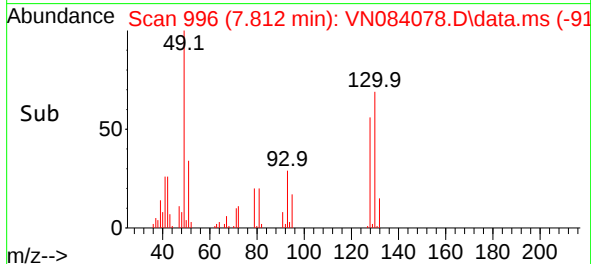
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 25554
Ion Ratio Lower Upper
128 100
49 185.3 0.0 403.7
130 129.0 0.0 323.3

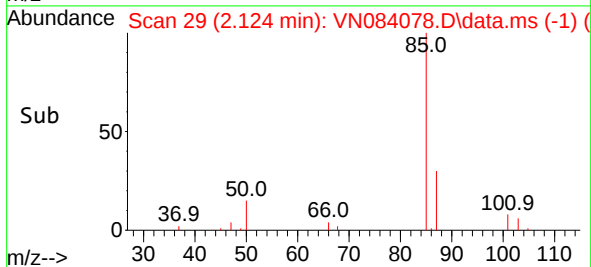
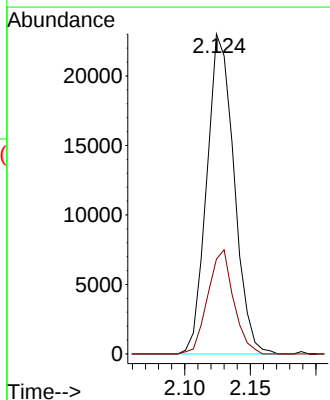
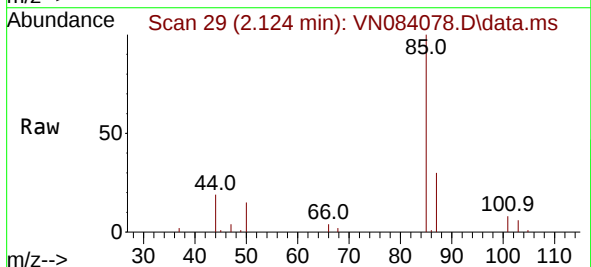
Manual Integrations
APPROVED

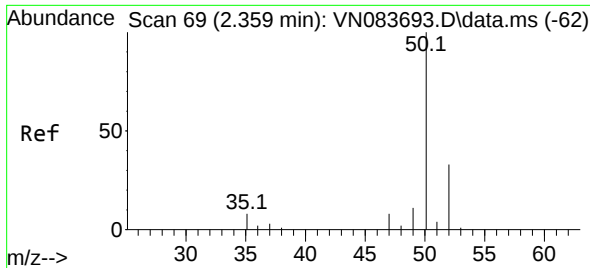
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#2
Dichlorodifluoromethane
Concen: 19.461 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

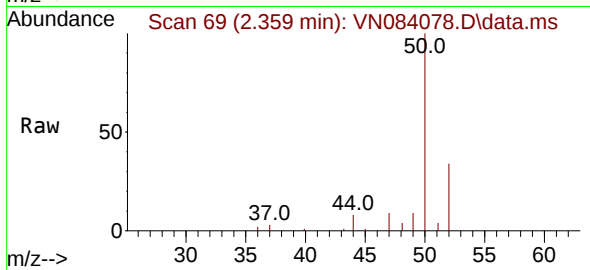
Tgt Ion: 85 Resp: 33303
Ion Ratio Lower Upper
85 100
87 29.6 16.8 50.3





#3
Chloromethane
Concen: 20.031 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

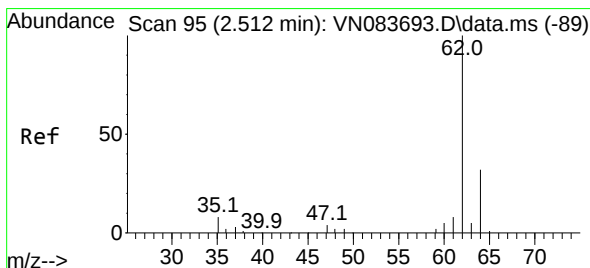
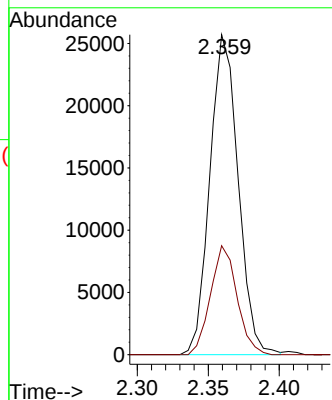
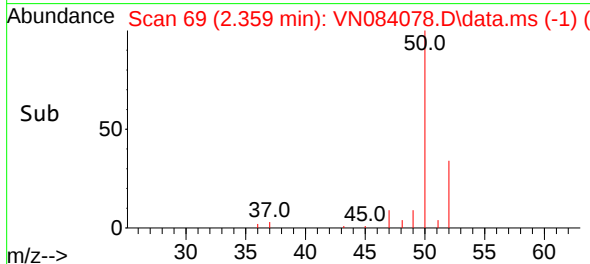
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 3561
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.0

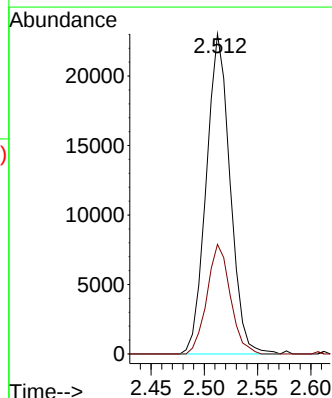
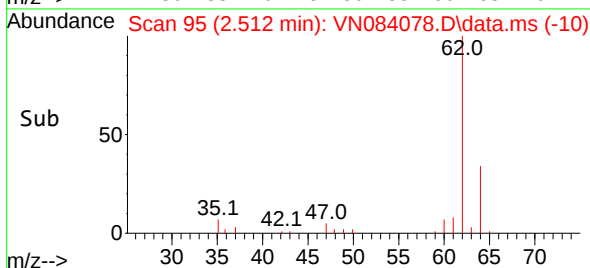
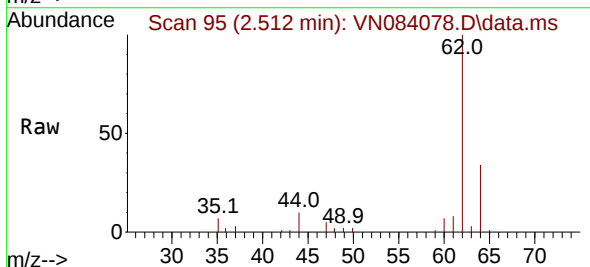
Manual Integrations
APPROVED

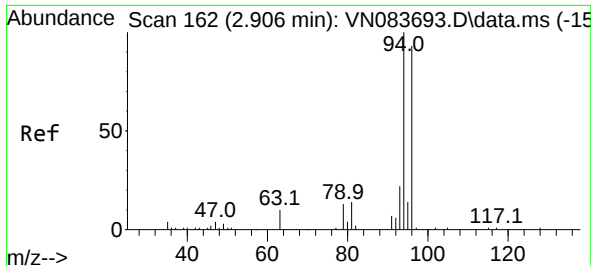
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#4
Vinyl Chloride
Concen: 19.594 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 62 Resp: 35816
Ion Ratio Lower Upper
62 100
64 34.3 24.1 36.1





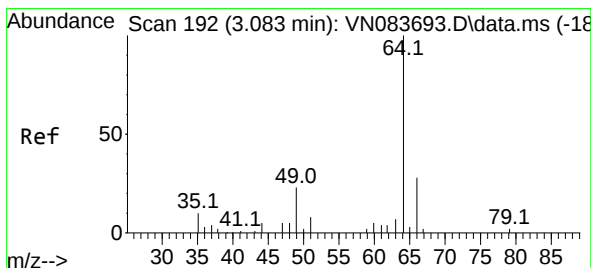
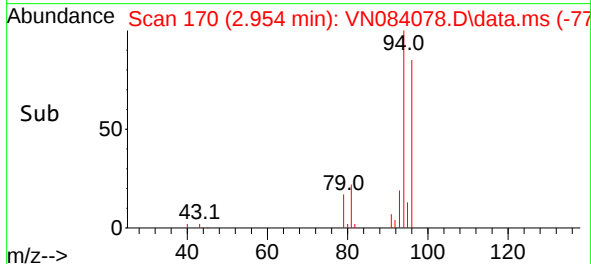
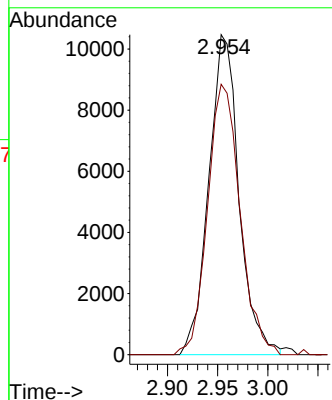
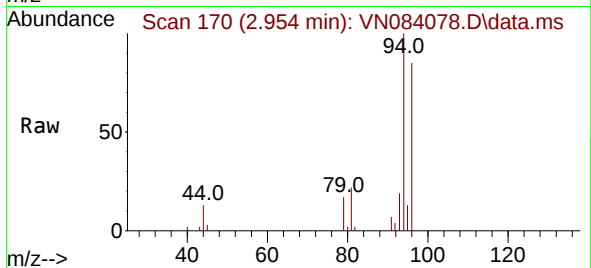
#5
Bromomethane
Concen: 21.484 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 2194
Ion Ratio Lower Upper
94 100
96 84.5 72.8 109.2

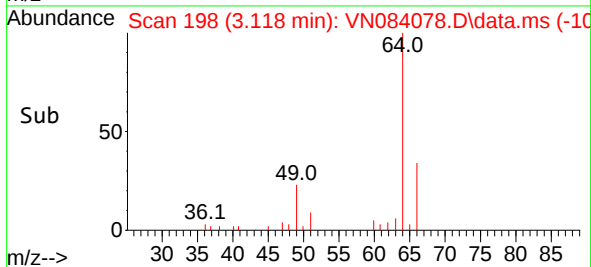
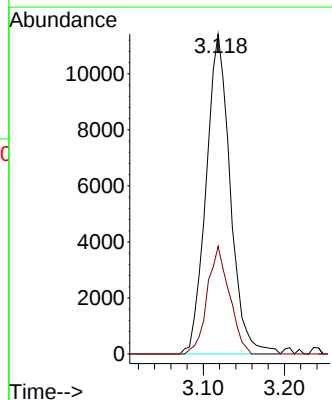
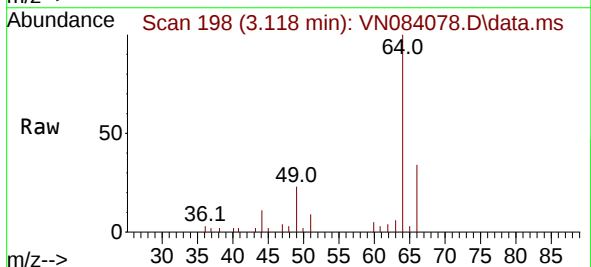
Manual Integrations
APPROVED

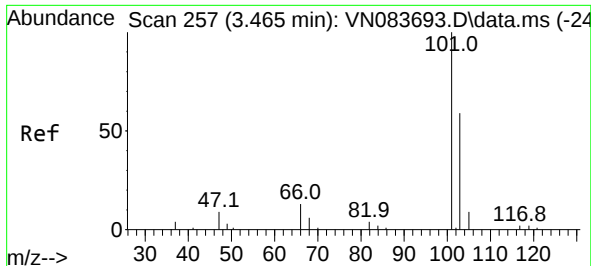
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#6
Chloroethane
Concen: 19.281 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.035 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 64 Resp: 23600
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 19.181 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.030 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

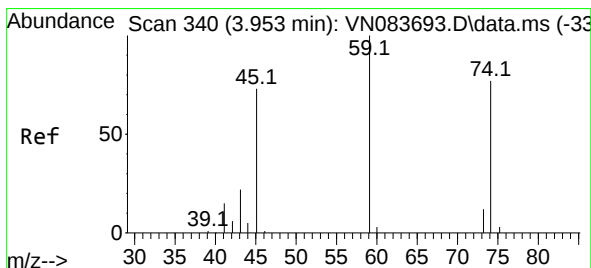
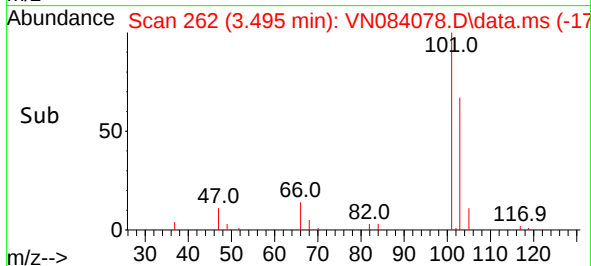
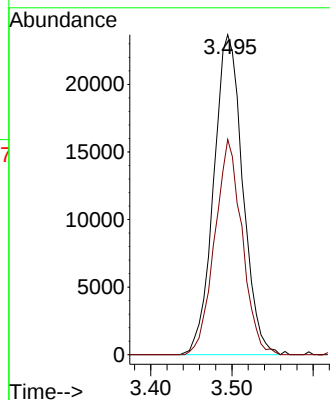
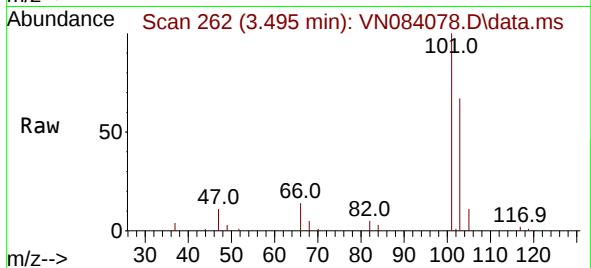
Tgt Ion:101 Resp: 5878
 Ion Ratio Lower Upper
 101 100
 103 67.2 53.0 79.4

Manual Integrations

APPROVED

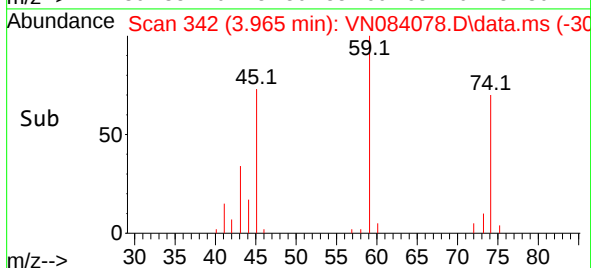
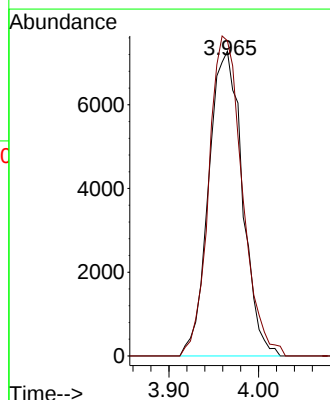
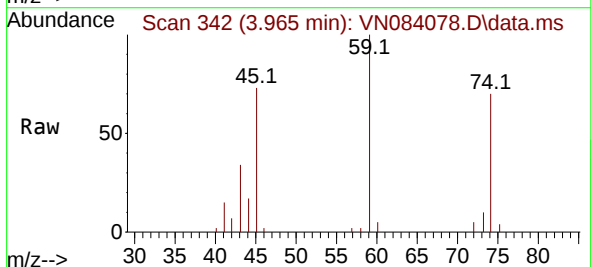
Reviewed By :John Carlone 09/23/2024

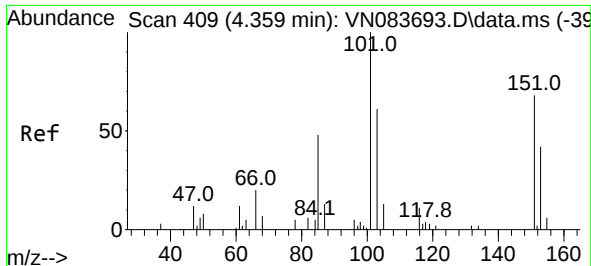
Supervised By :Mahesh Dadoda 09/23/2024



#8
 Diethyl Ether
 Concen: 18.241 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22

Tgt Ion: 74 Resp: 18994
 Ion Ratio Lower Upper
 74 100
 45 103.7 16.4 147.4





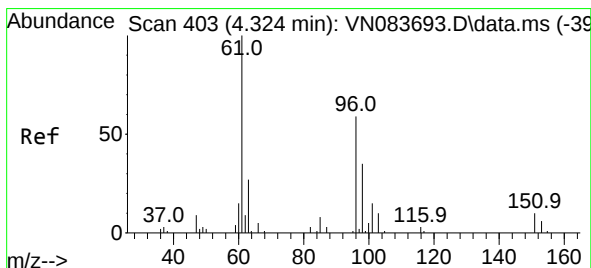
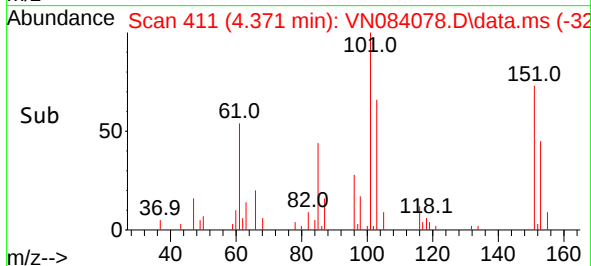
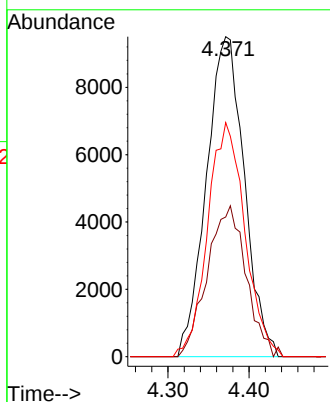
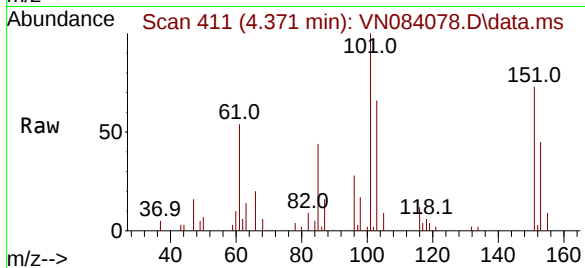
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.709 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 30790
Ion Ratio Lower Upper
101 100
85 48.0 0.0 90.6
151 71.8 0.0 157.6

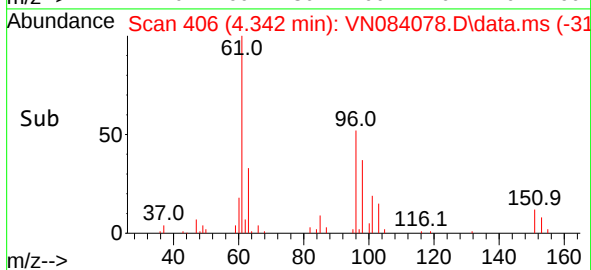
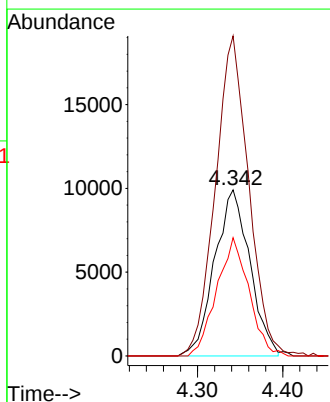
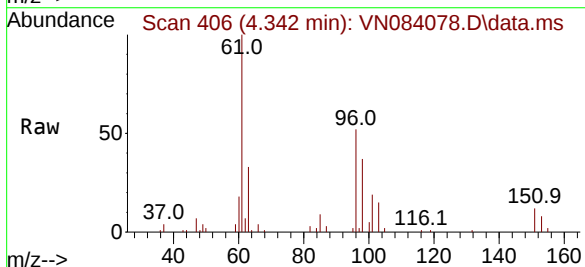
Manual Integrations
APPROVED

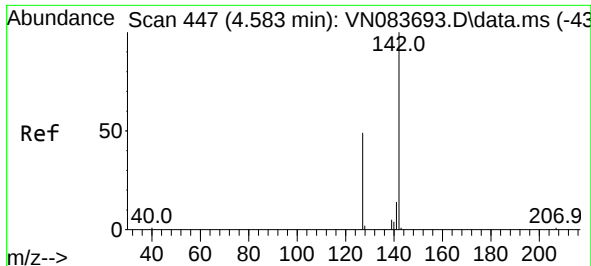
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#10
1,1-Dichloroethene
Concen: 17.900 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

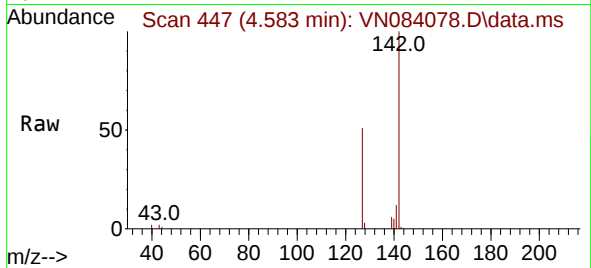
Tgt Ion: 96 Resp: 28430
Ion Ratio Lower Upper
96 100
61 192.7 117.6 176.4#
98 71.2 48.4 72.6





#11
Methyl Iodide
Concen: 17.339 ug/l m
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

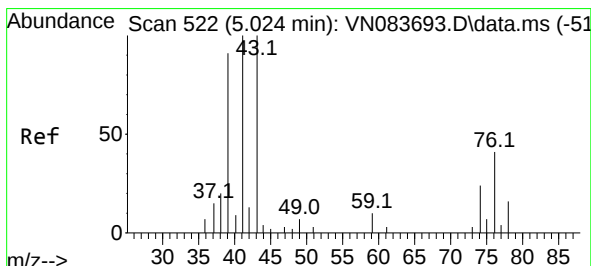
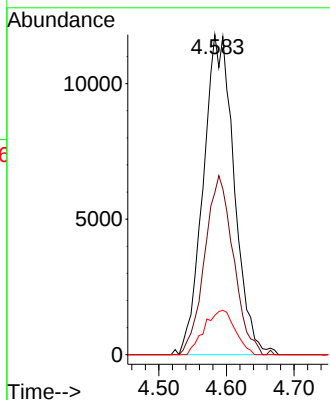
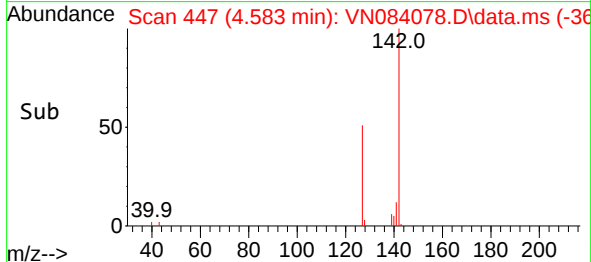
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 37400
Ion Ratio Lower Upper
142 100
127 50.7 26.3 78.9
141 12.3 8.3 24.9

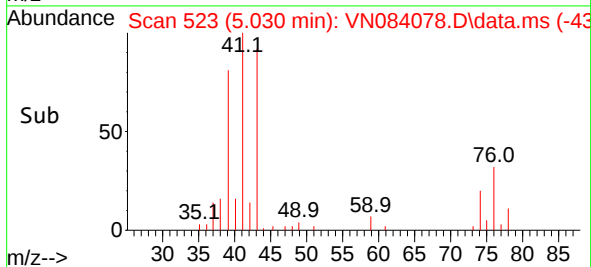
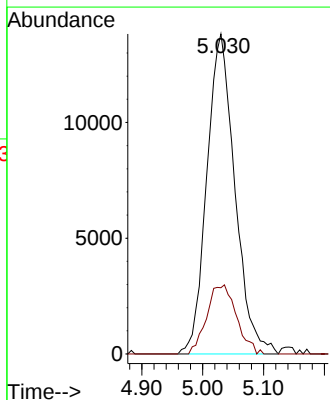
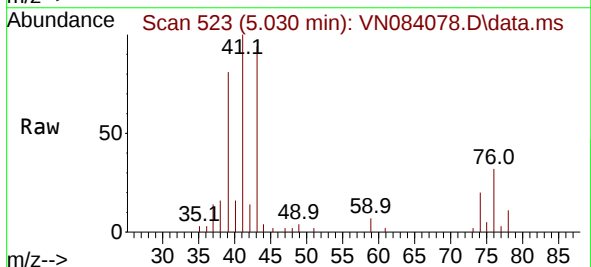
Manual Integrations
APPROVED

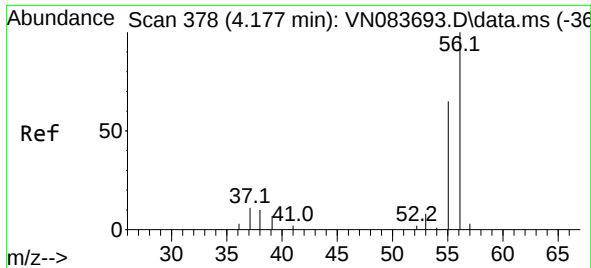
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#12
Methyl Acetate
Concen: 23.105 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 43 Resp: 44255
Ion Ratio Lower Upper
43 100
74 20.7 27.7 41.5#





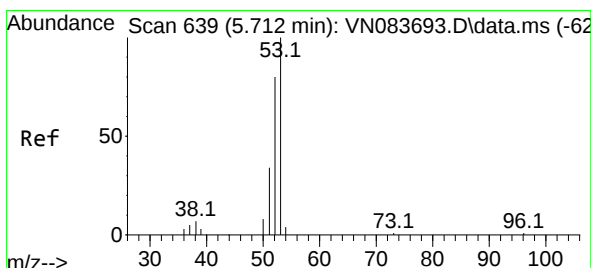
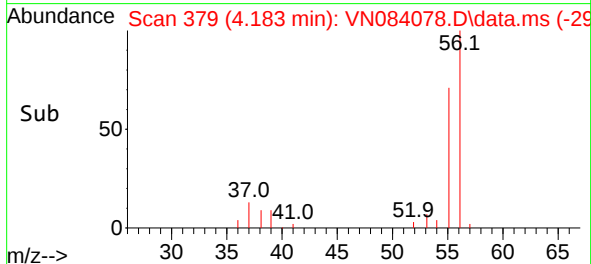
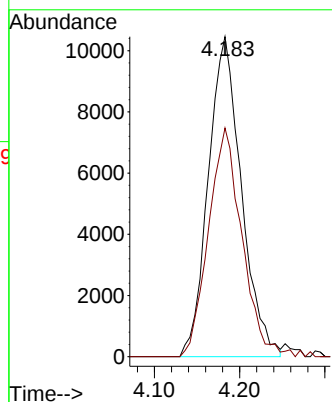
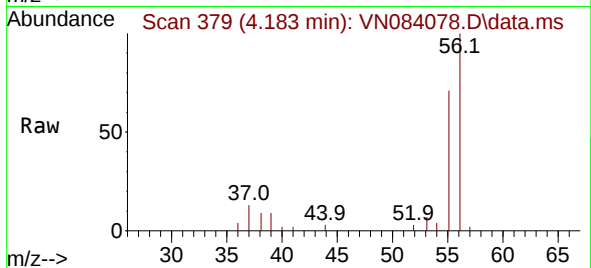
#13
Acrolein
Concen: 101.028 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
55 71.1 55.5 83.3

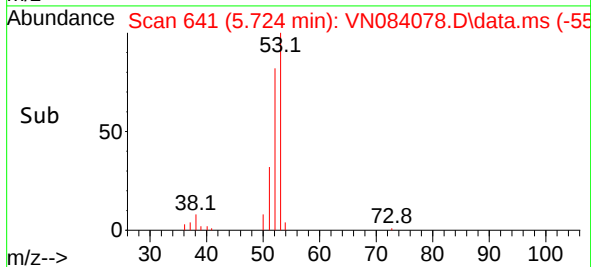
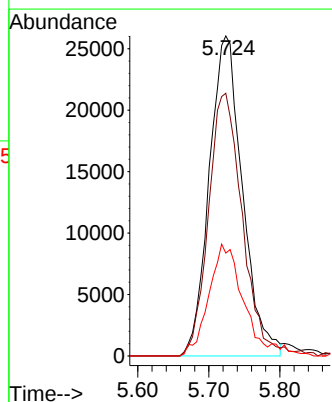
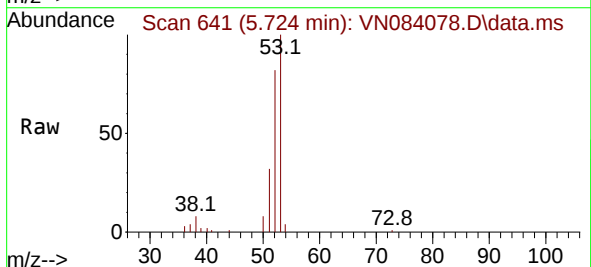
Manual Integrations
APPROVED

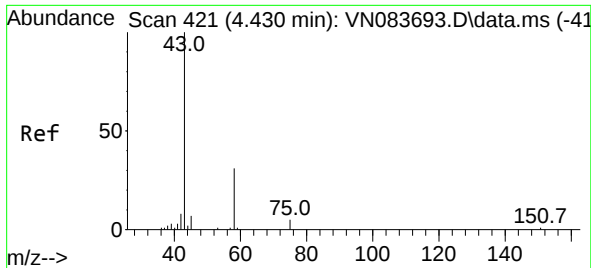
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#14
Acrylonitrile
Concen: 108.843 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 53 Resp: 84368
Ion Ratio Lower Upper
53 100
52 83.1 41.3 123.9
51 32.3 16.8 50.3





#15

Acetone

Concen: 85.315 ug/l m

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 2193

Ion Ratio Lower Upper

58 100

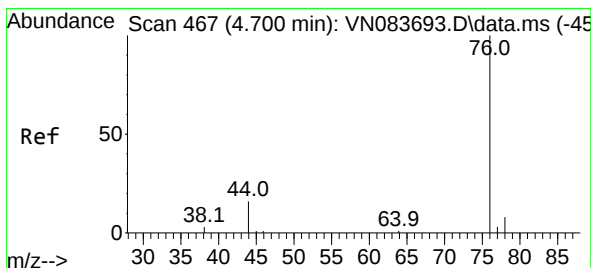
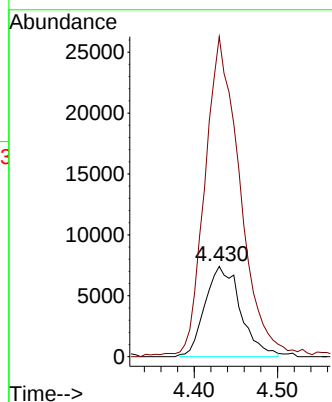
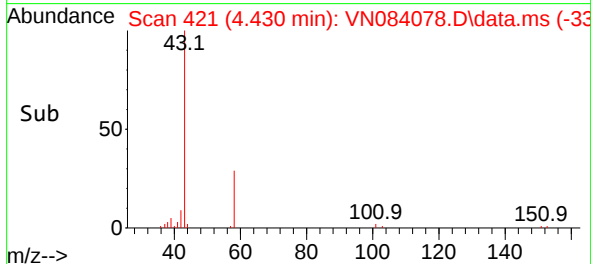
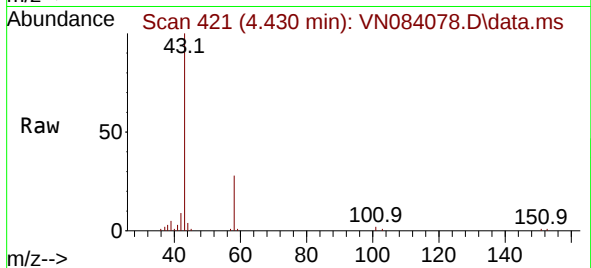
43 354.6 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#16

Carbon Disulfide

Concen: 18.177 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084078.D

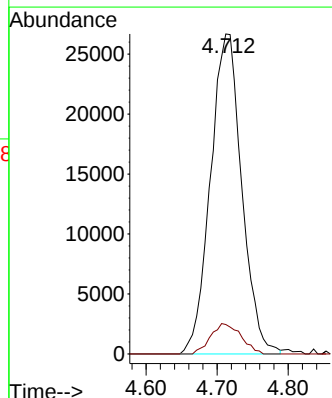
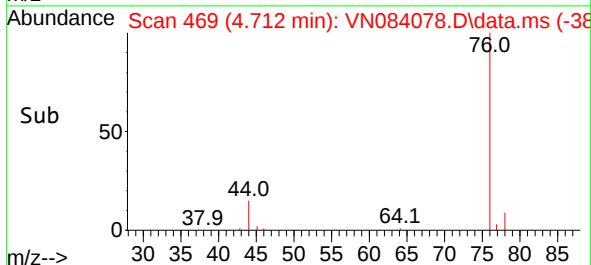
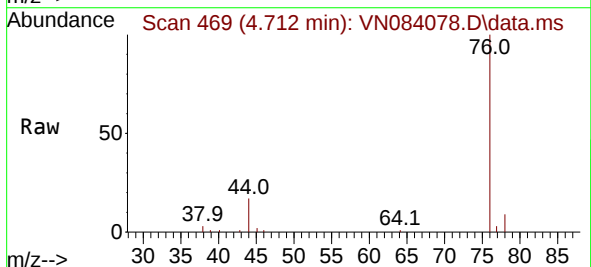
Acq: 20 Sep 2024 18:22

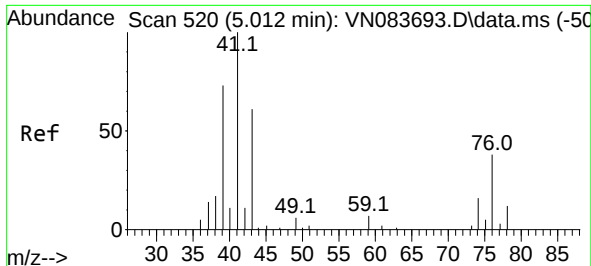
Tgt Ion: 76 Resp: 81589

Ion Ratio Lower Upper

76 100

78 9.2 6.3 9.5





#17

Allyl chloride

Concen: 17.461 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

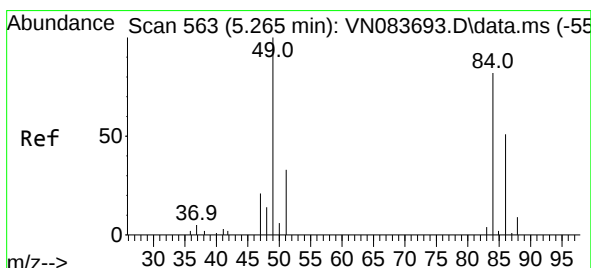
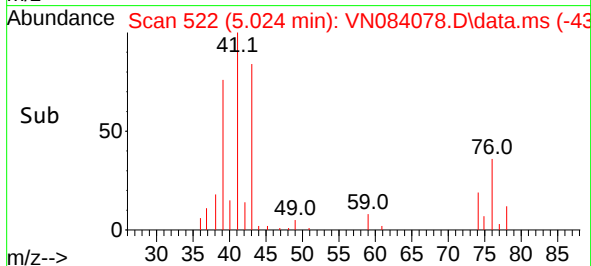
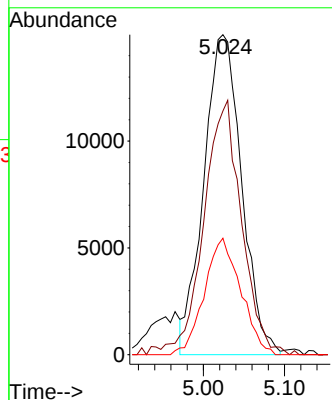
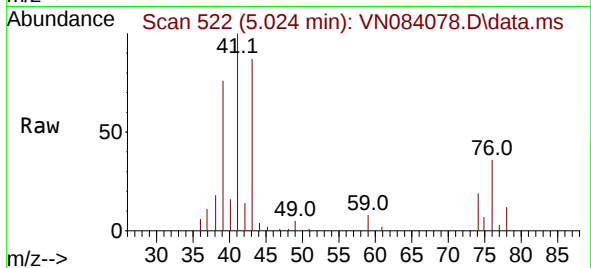
Tgt Ion:	41	Resp:	4863
Ion	Ratio	Lower	Upper
41	100		
39	74.6	37.6	112.9
76	36.8	27.8	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#18

Methylene Chloride

Concen: 20.133 ug/l

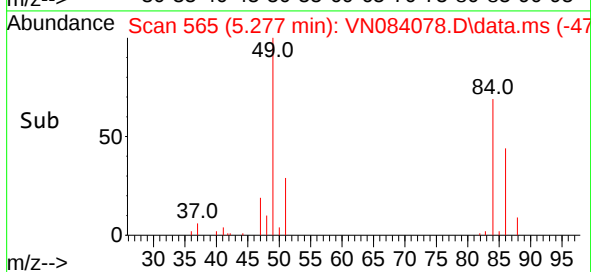
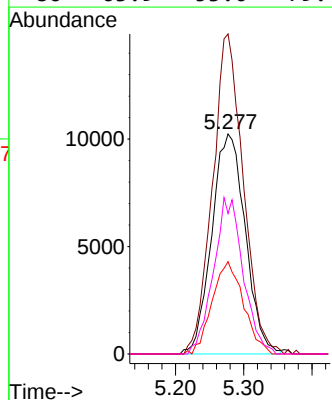
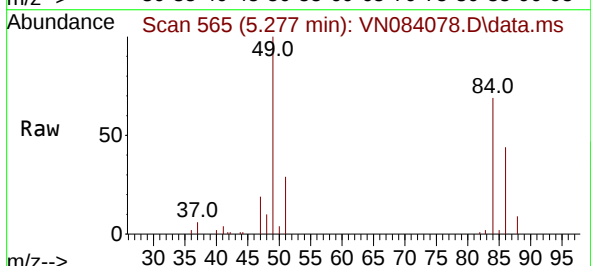
RT: 5.277 min Scan# 565

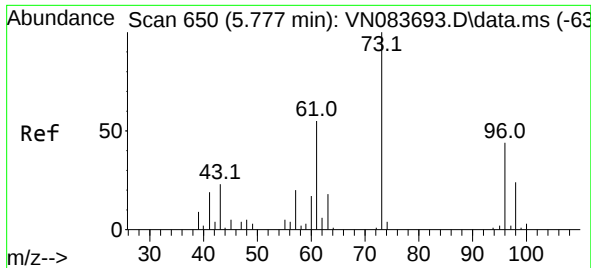
Delta R.T. 0.012 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Tgt Ion:	84	Resp:	34984
Ion	Ratio	Lower	Upper
84	100		
49	145.5	86.0	129.0#
51	42.0	30.0	45.0
86	63.9	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 18.586 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

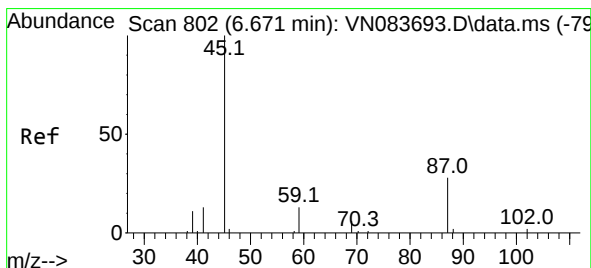
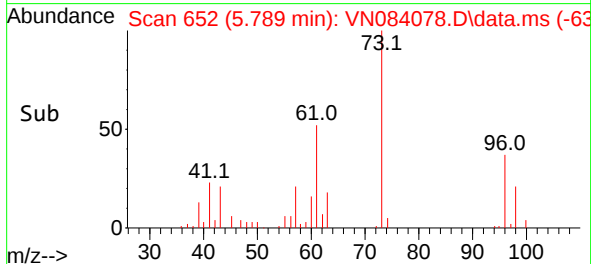
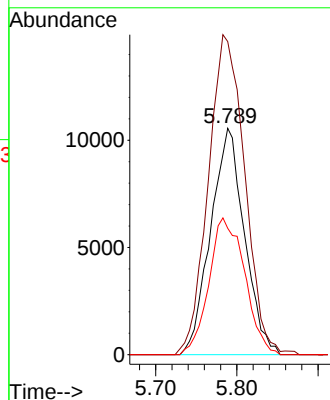
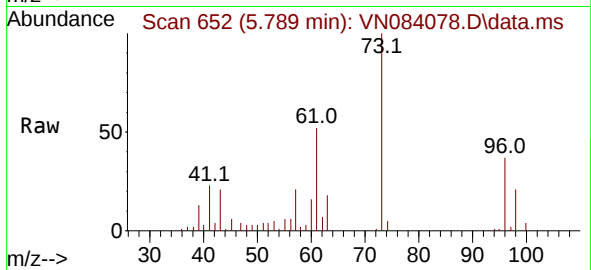
Tgt Ion: 96 Resp: 3059
Ion Ratio Lower Upper
96 100
61 136.9 111.8 167.6
98 55.8 49.2 73.8

Manual Integrations

APPROVED

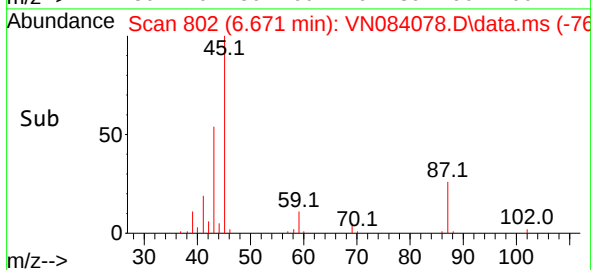
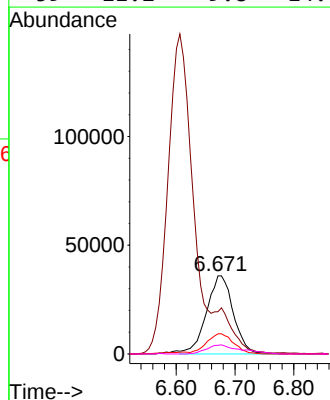
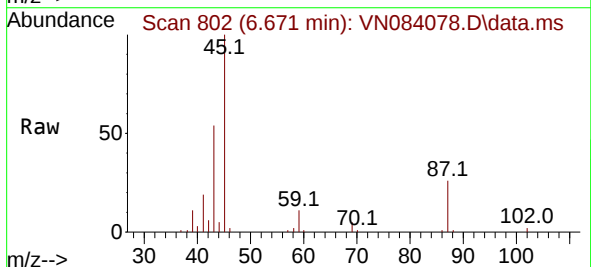
Reviewed By :John Carlone 09/23/2024

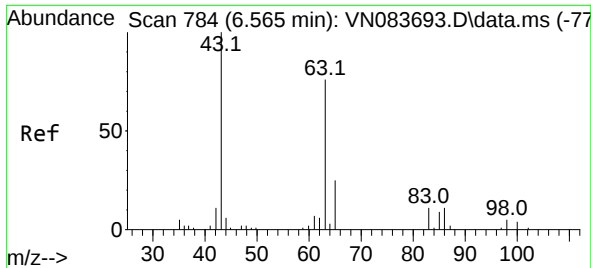
Supervised By :Mahesh Dadoda 09/23/2024



#20
Diisopropyl ether
Concen: 20.179 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 45 Resp: 113500
Ion Ratio Lower Upper
45 100
43 52.6 40.4 60.6
87 25.9 23.8 35.8
59 11.2 9.8 14.6





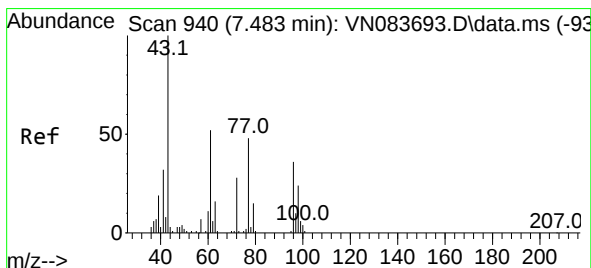
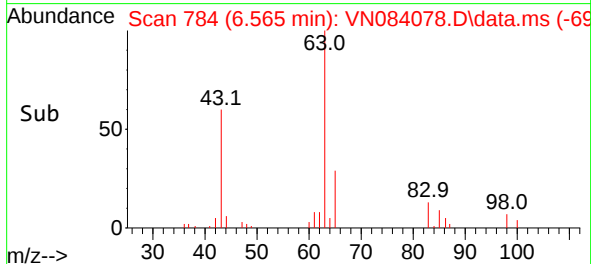
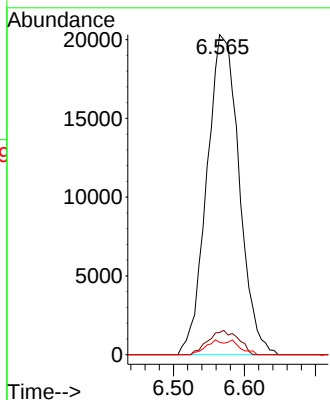
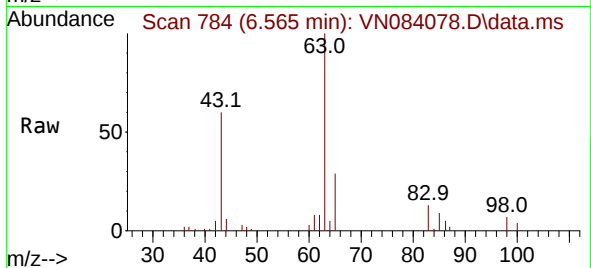
#21
1,1-Dichloroethane
Concen: 20.036 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 6434
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 3.9 3.0 9.0

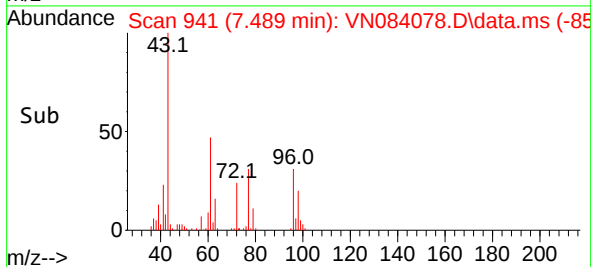
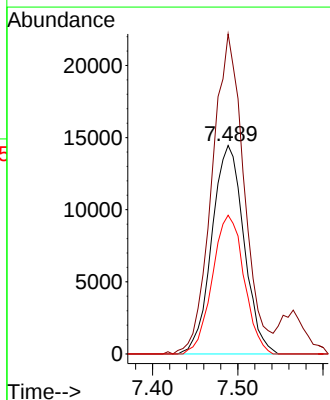
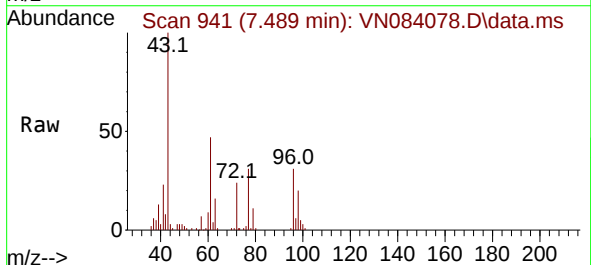
Manual Integrations
APPROVED

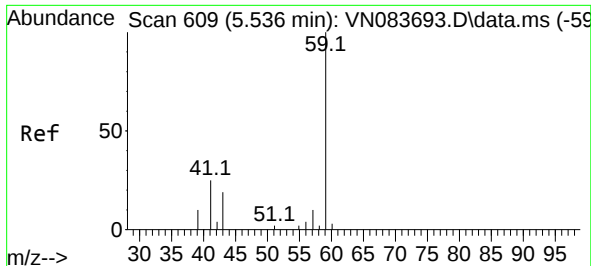
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#22
cis-1,2-Dichloroethene
Concen: 18.886 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 96 Resp: 37838
Ion Ratio Lower Upper
96 100
61 153.5 113.5 170.3
98 65.7 52.0 78.0





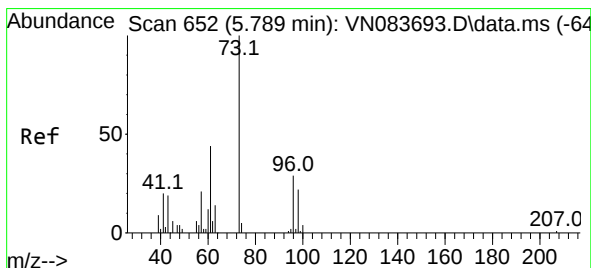
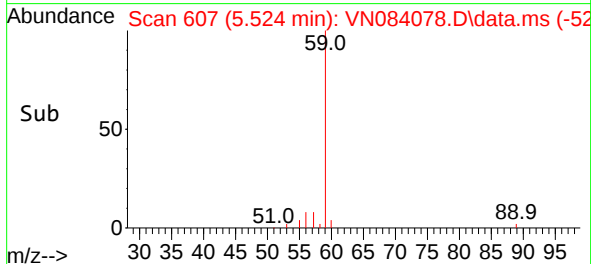
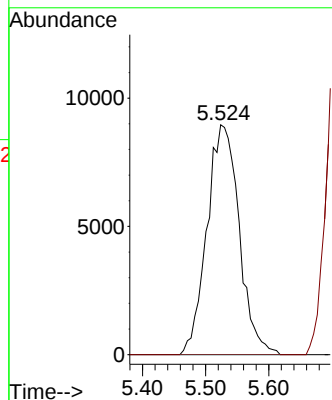
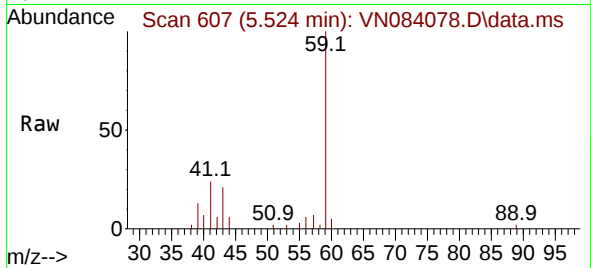
#23
tert-Butyl Alcohol
Concen: 111.875 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3182
Ion Ratio Lower Upper
59 100
52 220.2 0.0 0.0

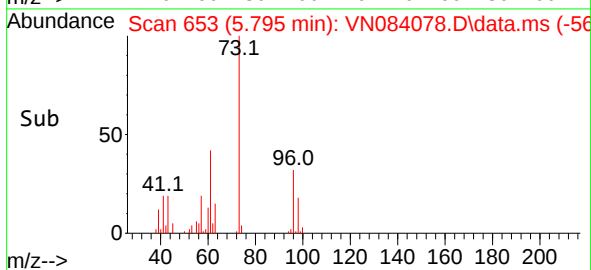
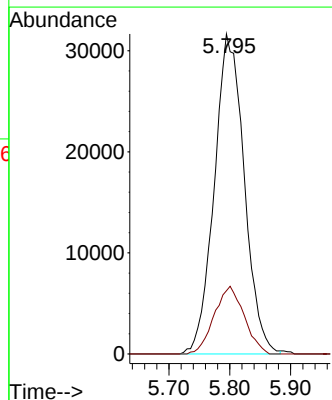
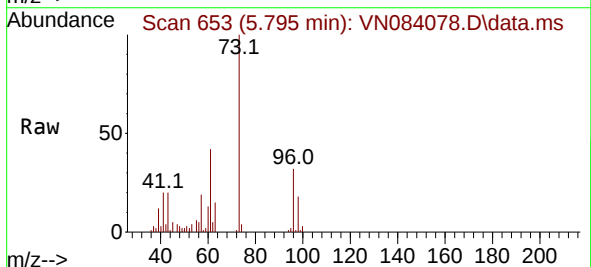
Manual Integrations
APPROVED

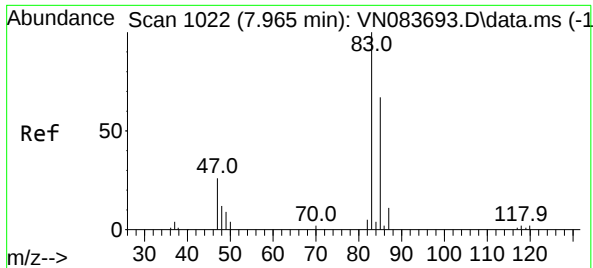
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#24
Methyl tert-Butyl Ether
Concen: 19.149 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 73 Resp: 108076
Ion Ratio Lower Upper
73 100
43 21.2 13.4 20.2





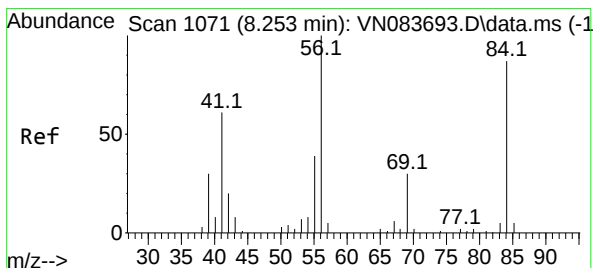
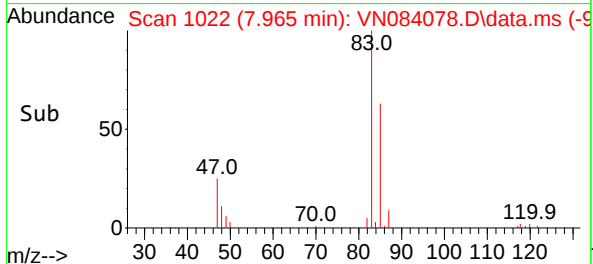
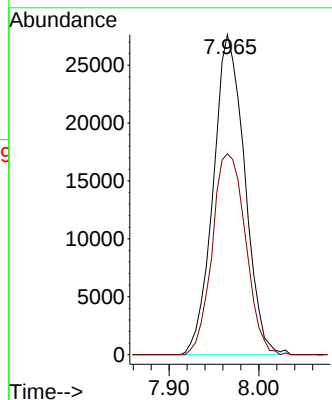
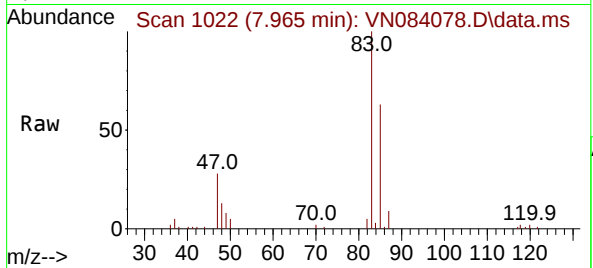
#25
Chloroform
Concen: 19.712 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 67085
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3

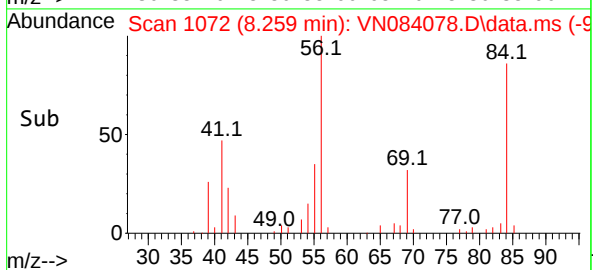
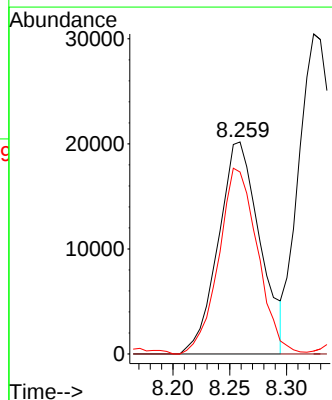
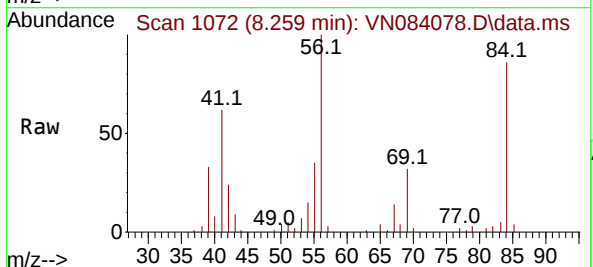
Manual Integrations
APPROVED

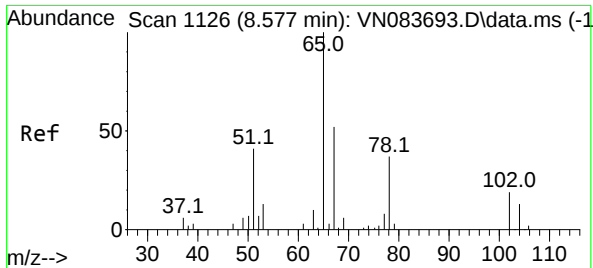
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#26
Cyclohexane
Concen: 18.122 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 56 Resp: 51255
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 82.1 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.526 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

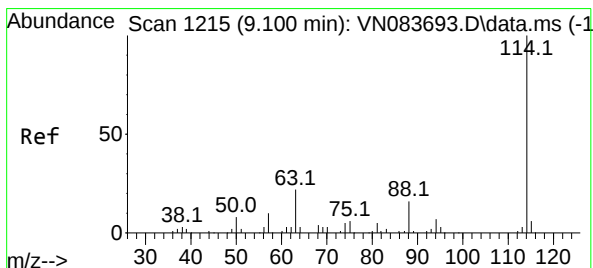
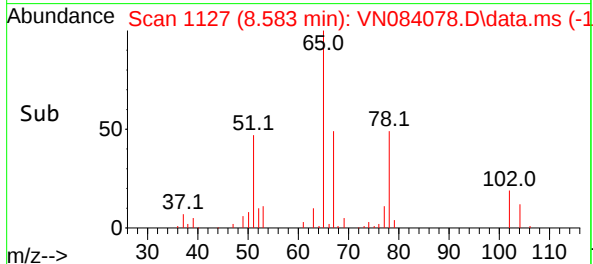
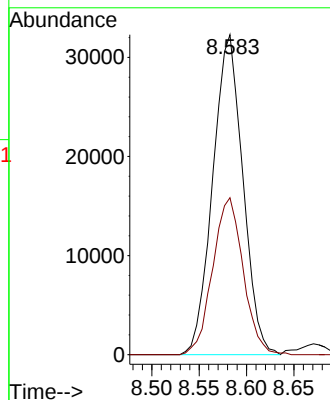
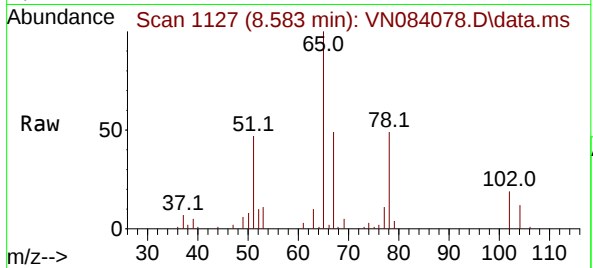
VSTDCCC020EC

Tgt Ion: 65 Resp: 71304
Ion Ratio Lower Upper
65 100
67 49.9 43.2 64.8

Manual Integrations

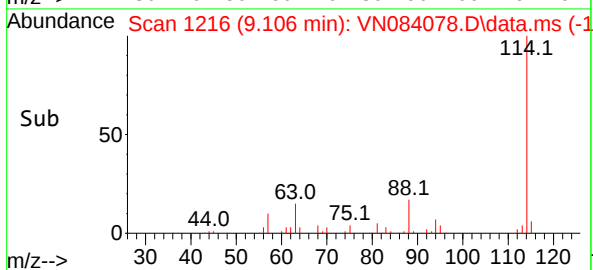
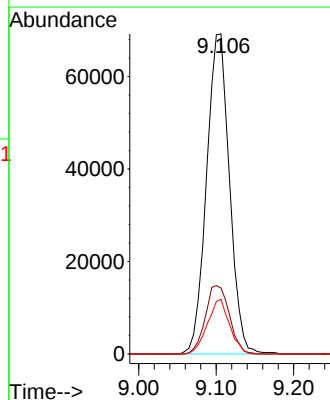
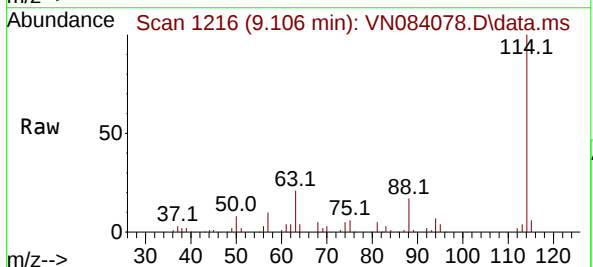
APPROVED

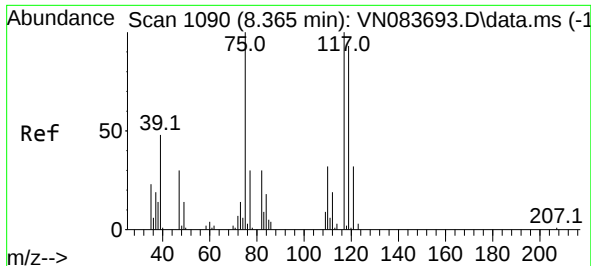
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

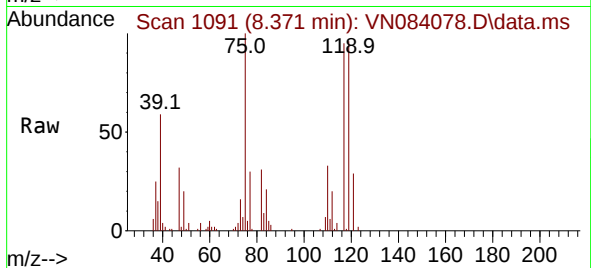
Tgt Ion:114 Resp: 142558
Ion Ratio Lower Upper
114 100
63 22.3 15.9 23.9
88 16.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.581 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

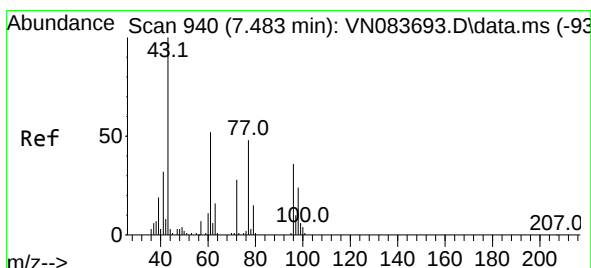
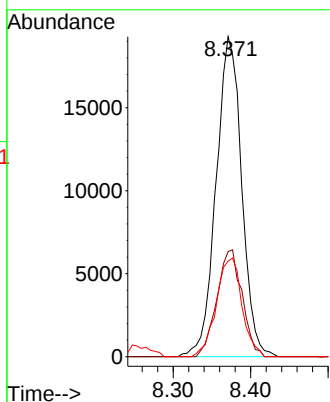
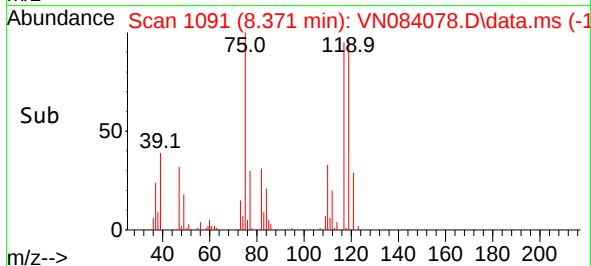
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 44275
Ion Ratio Lower Upper
75 100
110 32.9 0.0 70.2
77 30.9 0.0 61.4

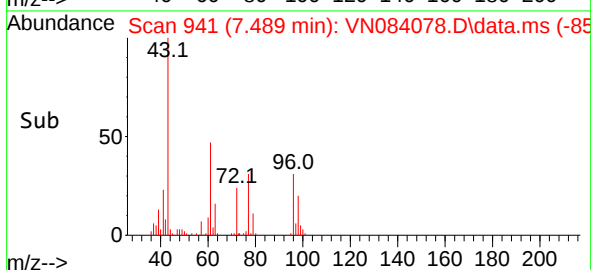
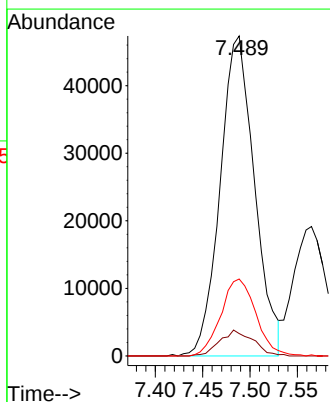
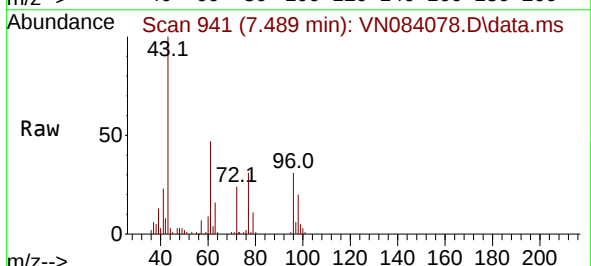
Manual Integrations
APPROVED

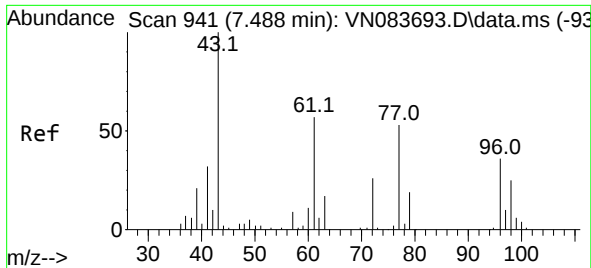
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#30
2-Butanone
Concen: 112.279 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 43 Resp: 119677
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 24.5 24.0 36.0





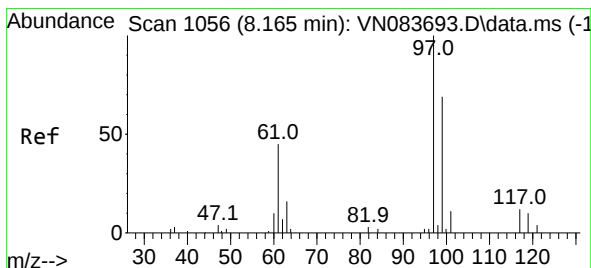
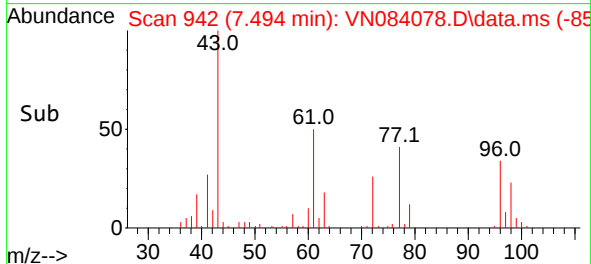
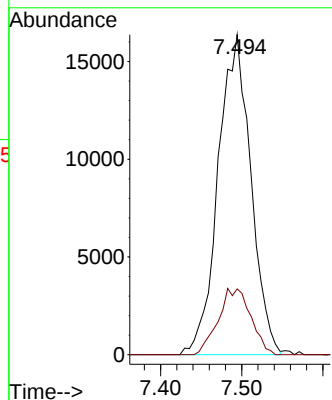
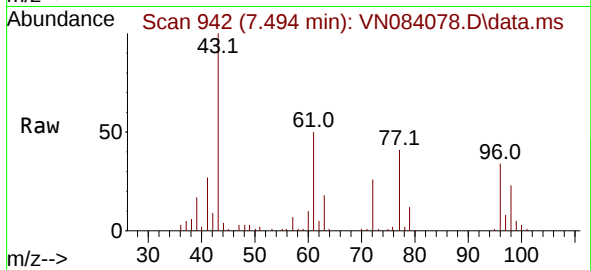
#31
2,2-Dichloropropane
Concen: 15.886 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 4579
Ion Ratio Lower Upper
77 100
97 10.3 18.3 27.5

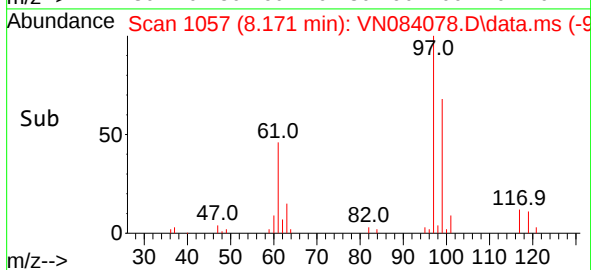
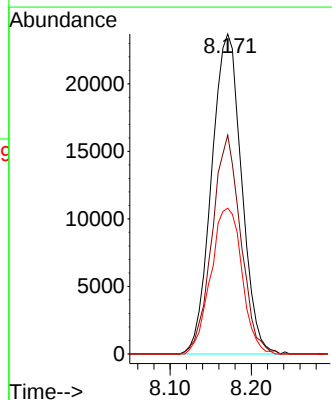
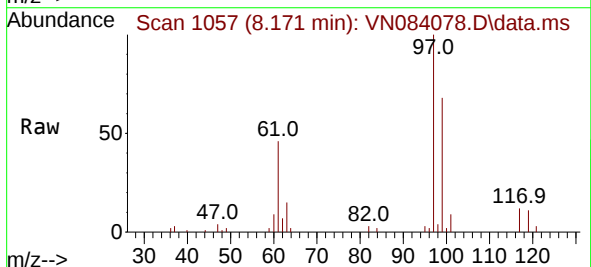
Manual Integrations
APPROVED

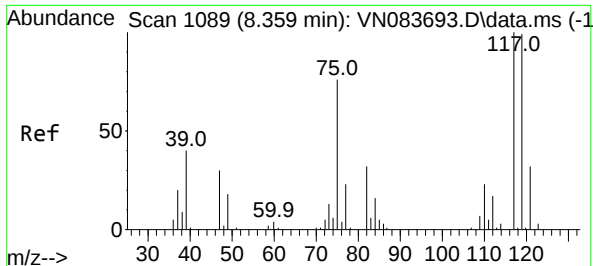
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#32
1,1,1-Trichloroethane
Concen: 20.121 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

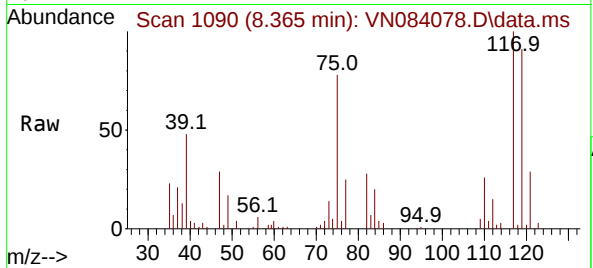
Tgt Ion: 97 Resp: 60761
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 47.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.954 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

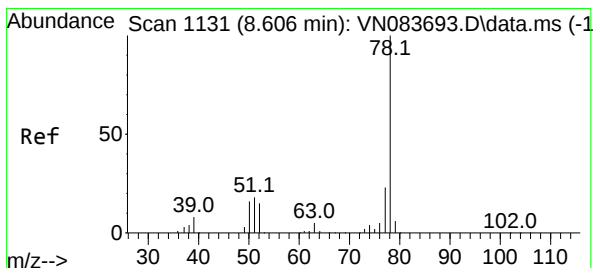
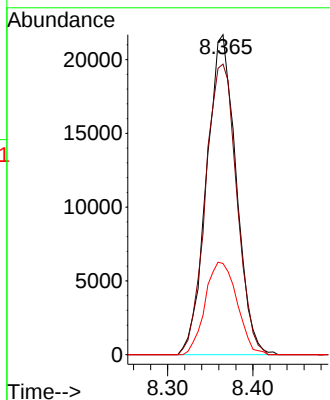
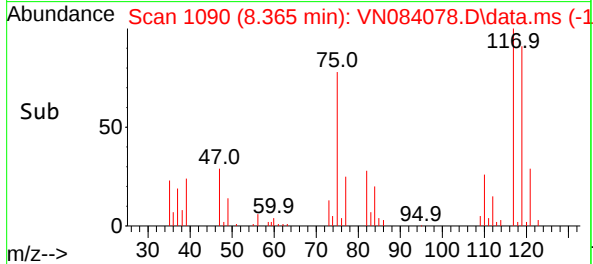
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



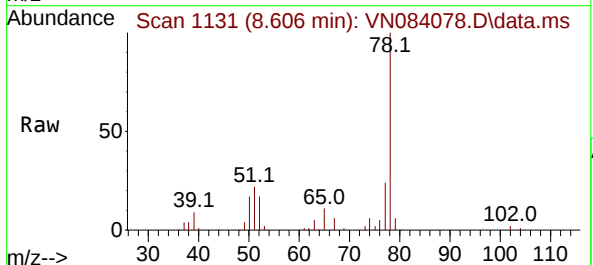
Tgt Ion:117 Resp: 5218
Ion Ratio Lower Upper
117 100
119 90.8 77.7 116.5
121 28.5 27.0 40.6

Manual Integrations
APPROVED

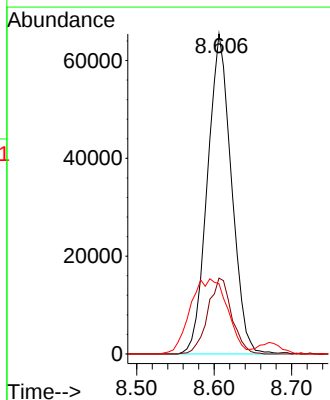
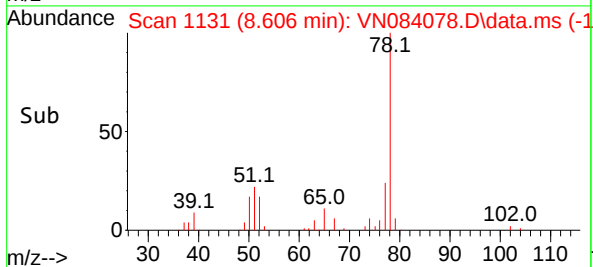
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

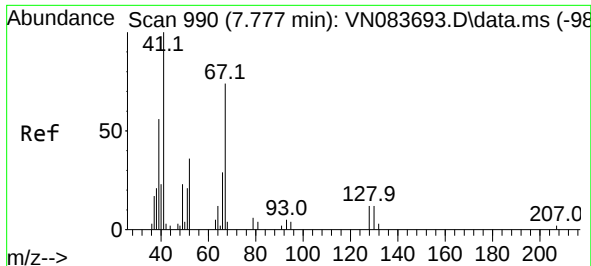


#34
Benzene
Concen: 20.731 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion: 78 Resp: 140651
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 19.4 13.3 19.9





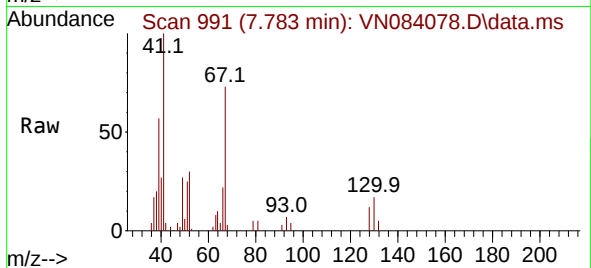
#35
Methacrylonitrile
Concen: 22.781 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



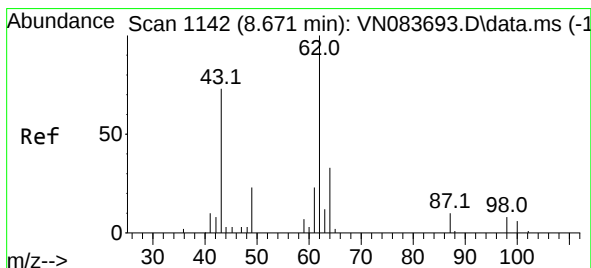
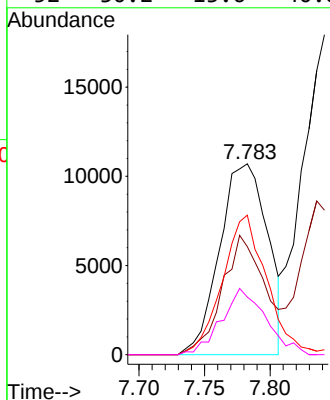
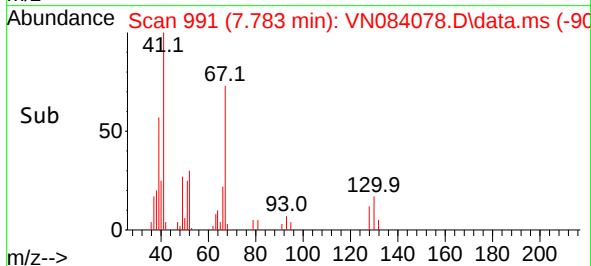
Tgt Ion: 41 Resp: 27290
Ion Ratio Lower Upper
41 100
39 56.6 25.3 75.9
67 73.1 38.7 116.1
52 30.2 13.6 40.8

Manual Integrations

APPROVED

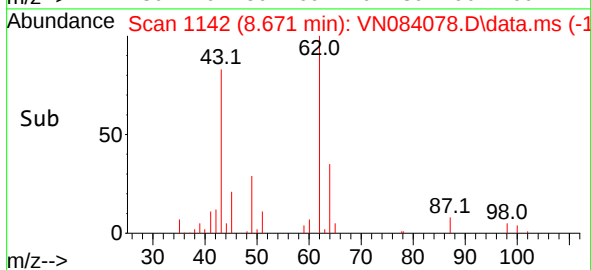
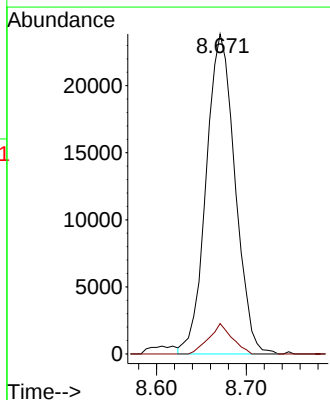
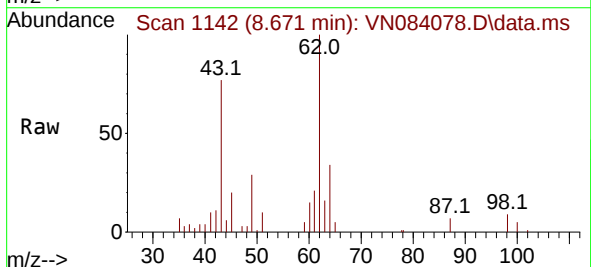
Reviewed By :John Carlone 09/23/2024

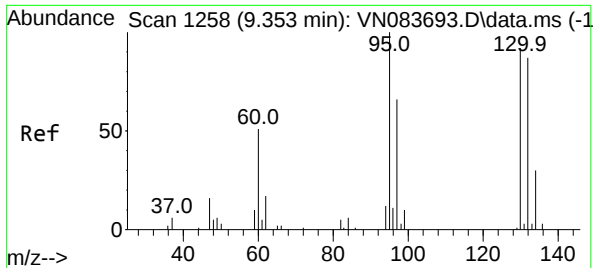
Supervised By :Mahesh Dadoda 09/23/2024



#36
1,2-Dichloroethane
Concen: 20.882 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

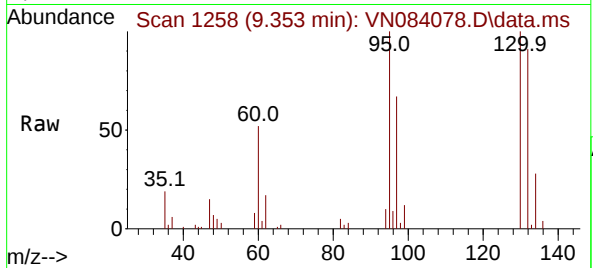
Tgt Ion: 62 Resp: 53261
Ion Ratio Lower Upper
62 100
98 7.6 8.2 12.4#





#37
Trichloroethene
Concen: 20.239 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

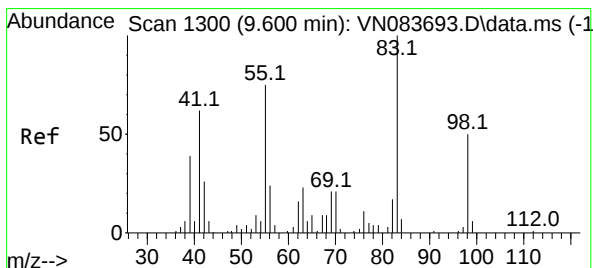
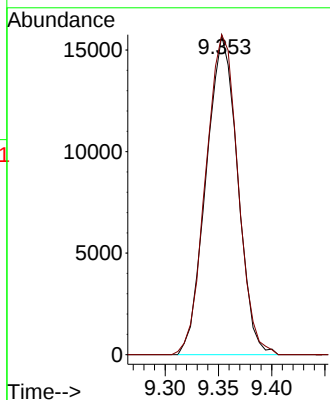
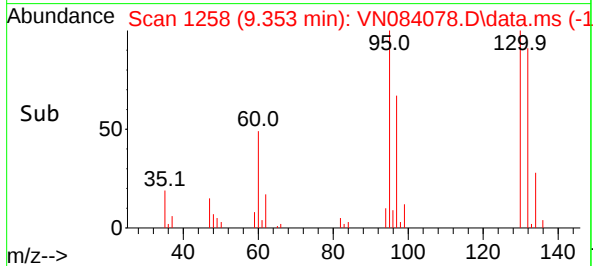
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



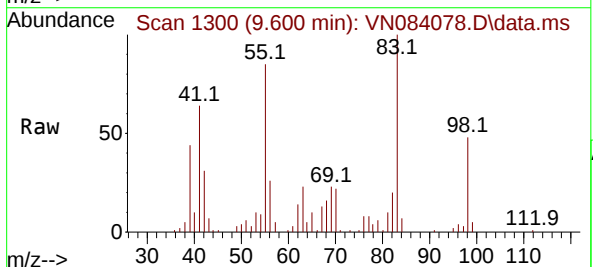
Tgt Ion:130 Resp: 3224
Ion Ratio Lower Upper
130 100
95 100.2 80.2 120.4

Manual Integrations
APPROVED

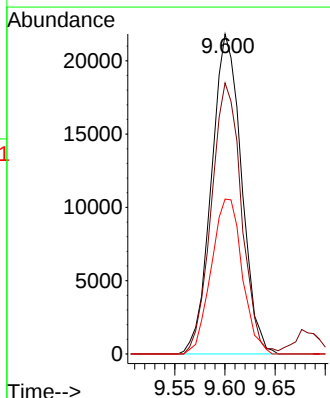
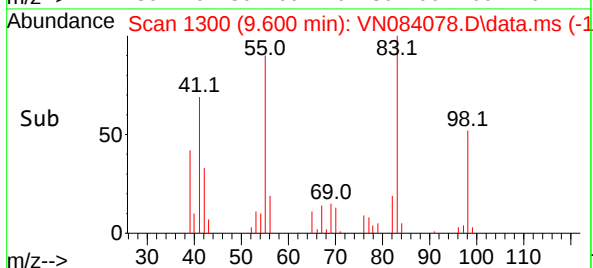
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

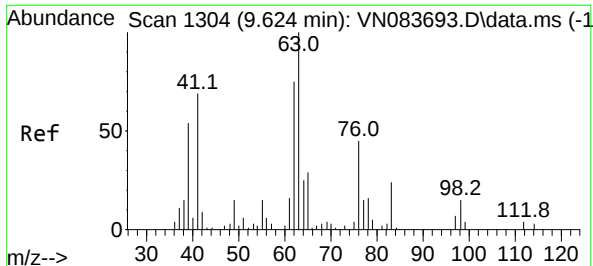


#38
Methylcyclohexane
Concen: 16.791 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion: 83 Resp: 45455
Ion Ratio Lower Upper
83 100
55 84.5 36.6 109.9
98 49.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.768 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3554

Ion Ratio Lower Upper

63 100

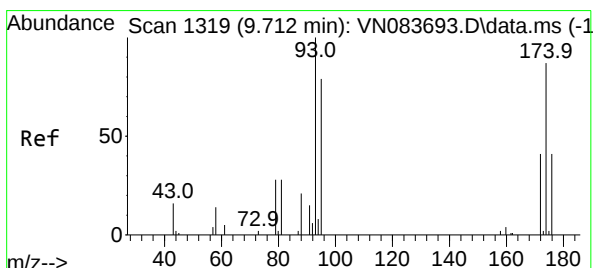
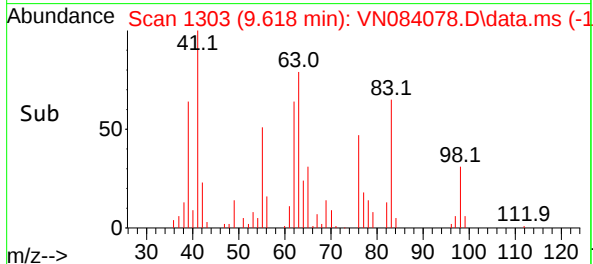
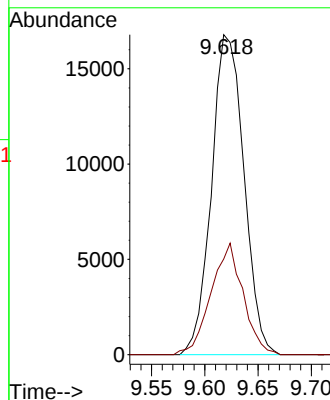
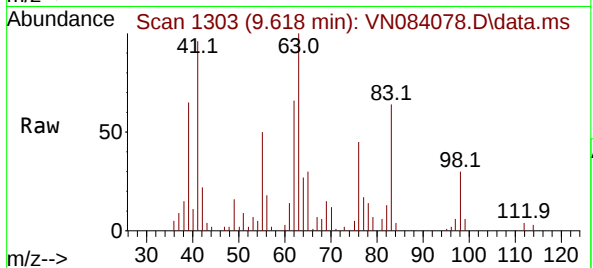
65 29.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#40

Dibromomethane

Concen: 21.196 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

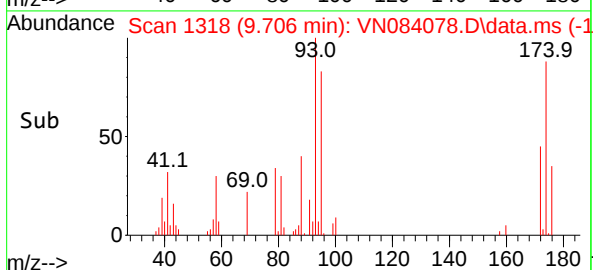
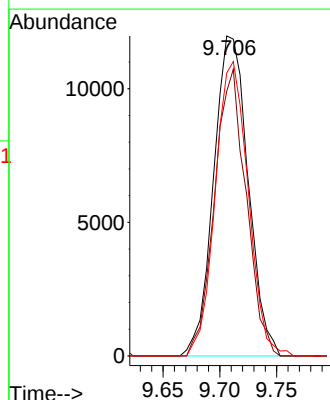
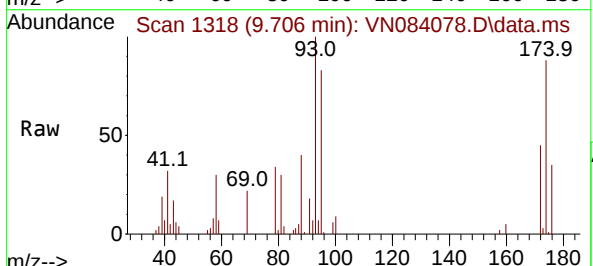
Tgt Ion: 93 Resp: 25307

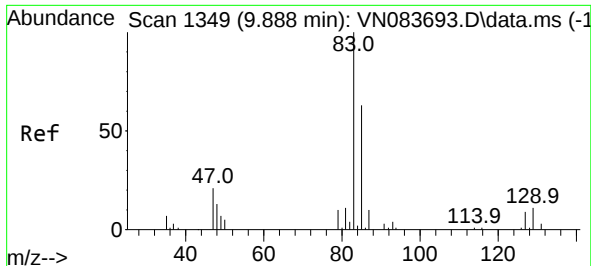
Ion Ratio Lower Upper

93 100

95 82.0 0.0 164.6

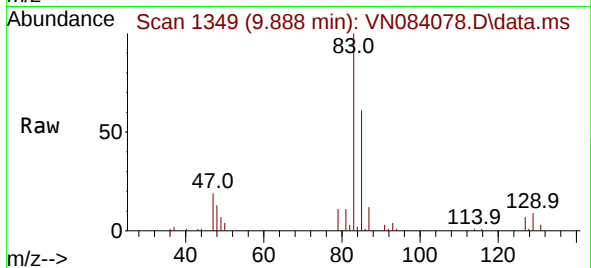
174 87.6 0.0 193.2





#41
Bromodichloromethane
Concen: 21.890 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

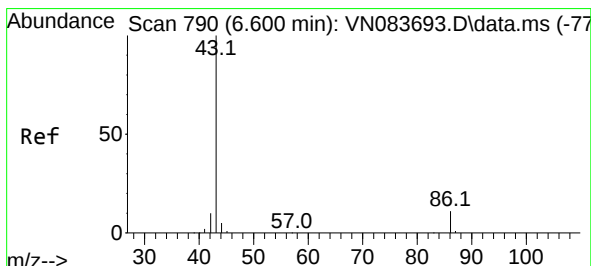
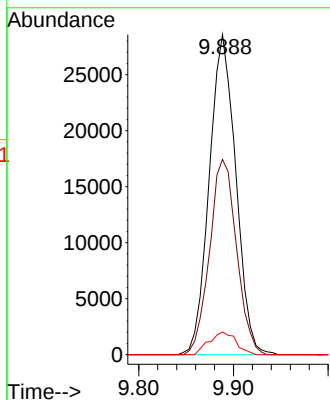
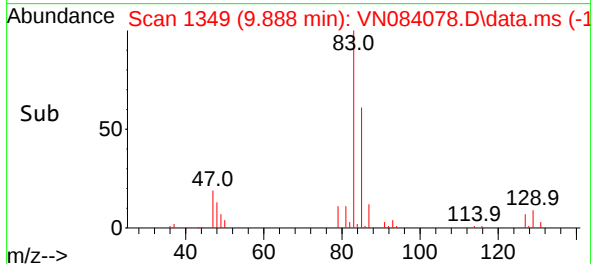
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



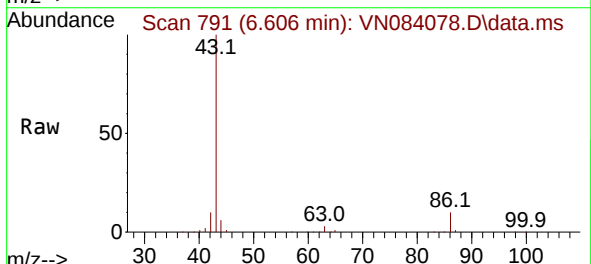
Tgt Ion: 83 Resp: 55570
Ion Ratio Lower Upper
83 100
85 61.1 49.4 74.2
127 7.1 7.3 10.9

Manual Integrations
APPROVED

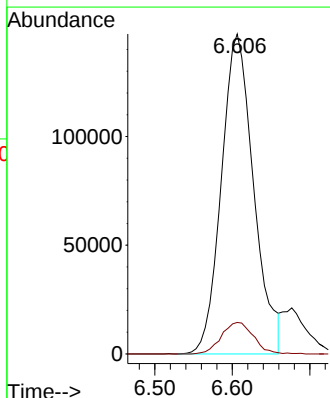
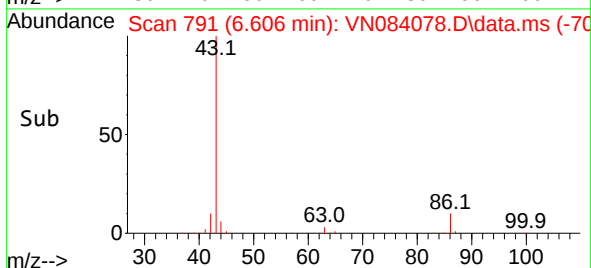
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

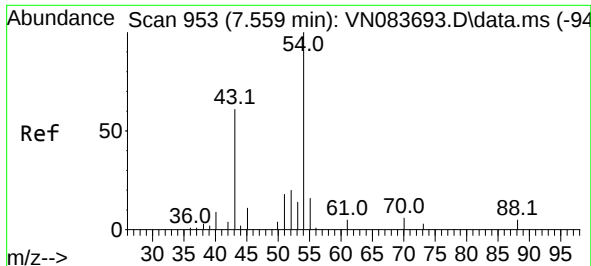


#42
Vinyl Acetate
Concen: 97.338 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



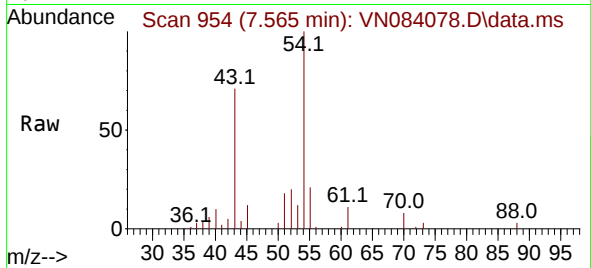
Tgt Ion: 43 Resp: 426573
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.2





#43
Ethyl Acetate
Concen: 20.524 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

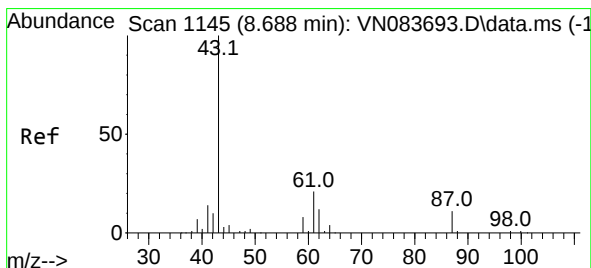
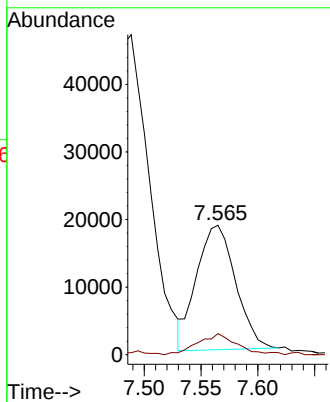
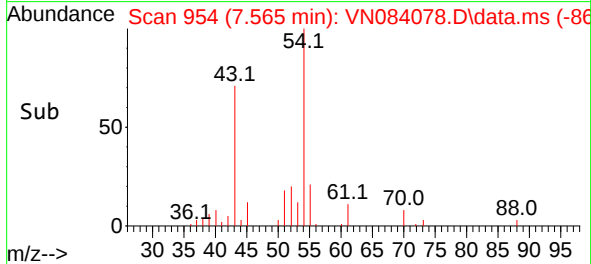
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 44032
Ion Ratio Lower Upper
43 100
45 16.3 10.6 15.8

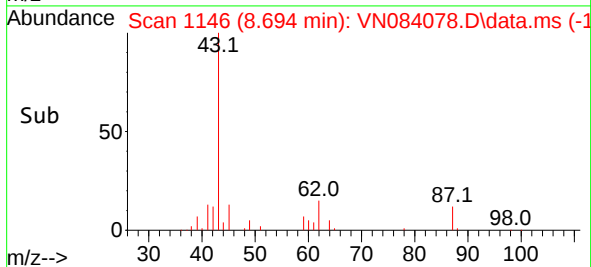
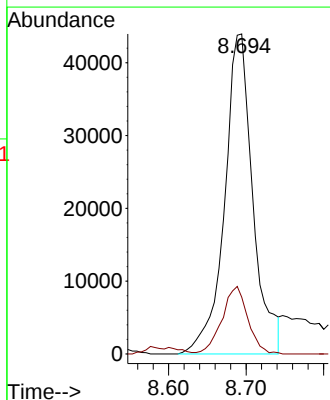
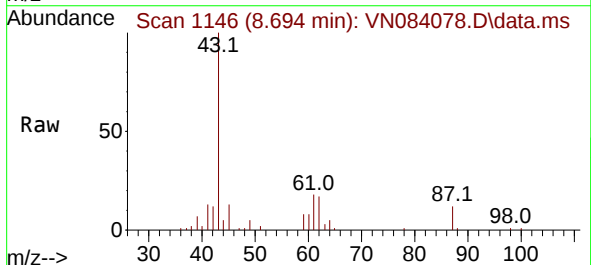
Manual Integrations
APPROVED

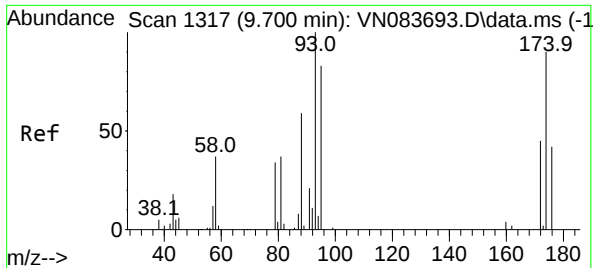
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#44
Isopropyl Acetate
Concen: 30.209 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

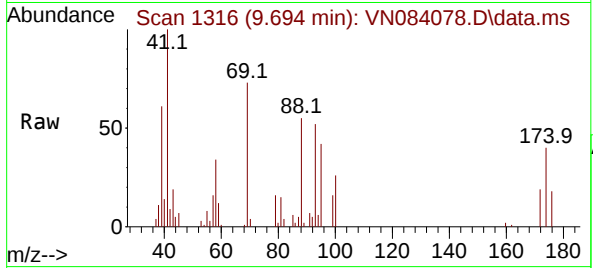
Tgt Ion: 43 Resp: 112095
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.4





#45
1,4-Dioxane
Concen: 473.465 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

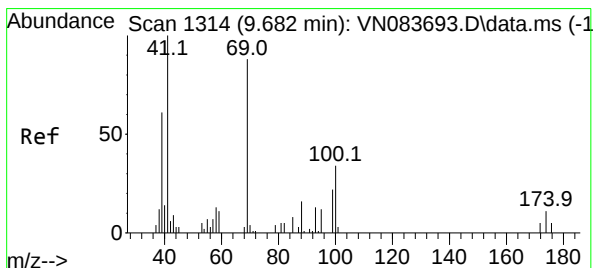
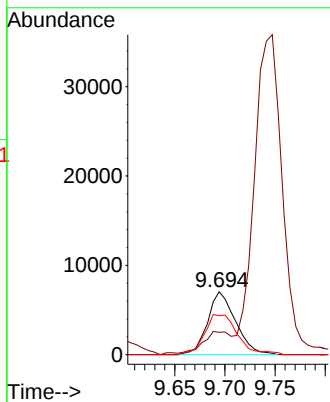
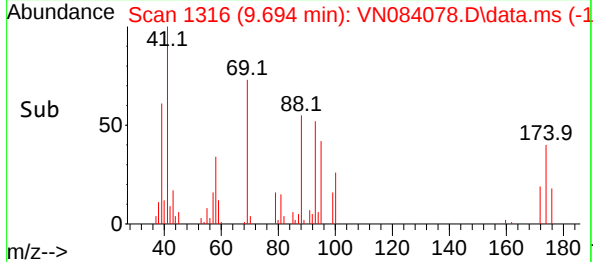
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



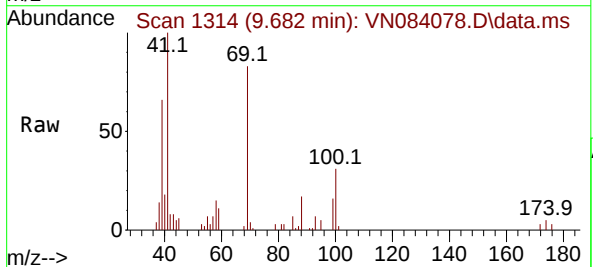
Tgt Ion: 88 Resp: 1370
Ion Ratio Lower Upper
88 100
43 34.6 19.8 29.6
58 74.8 55.4 83.0

Manual Integrations
APPROVED

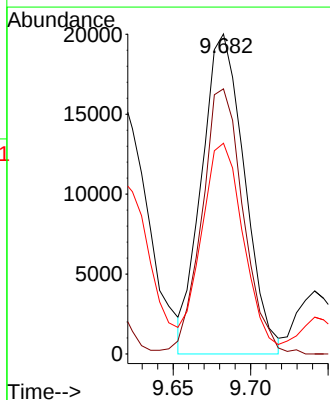
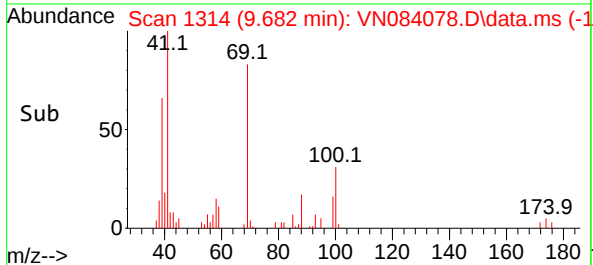
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

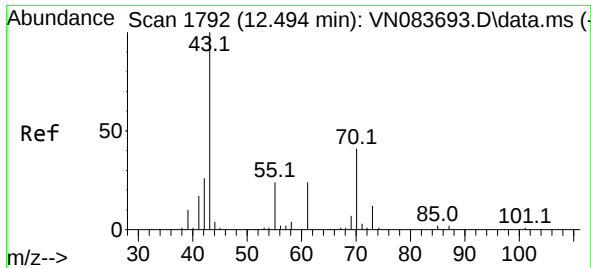


#46
Methyl methacrylate
Concen: 21.392 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion: 41 Resp: 38422
Ion Ratio Lower Upper
41 100
69 85.1 51.1 153.3
39 64.6 25.8 77.3





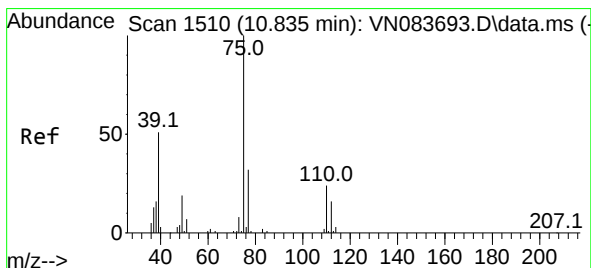
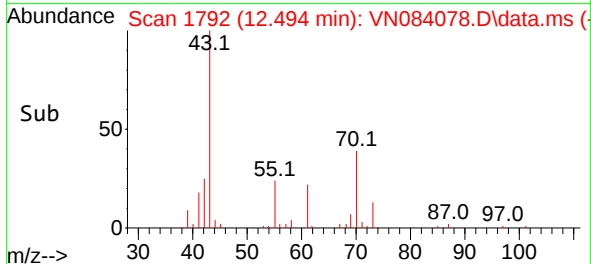
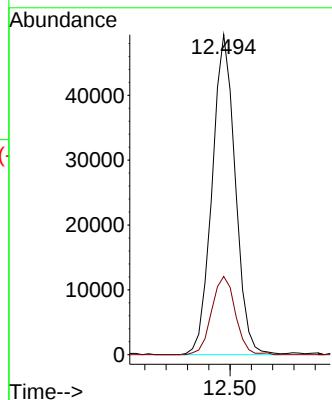
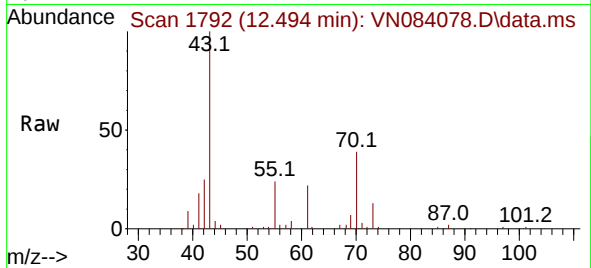
#47
n-amyl acetate
Concen: 22.651 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
55 24.7 23.4 35.2

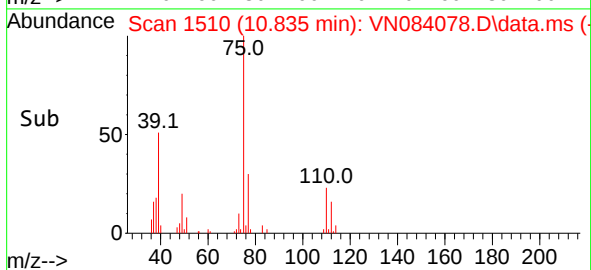
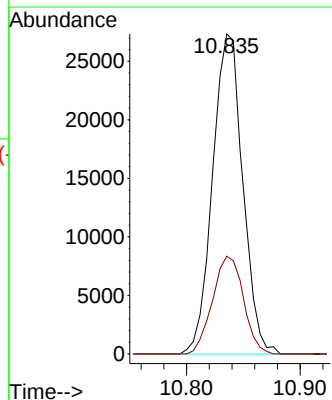
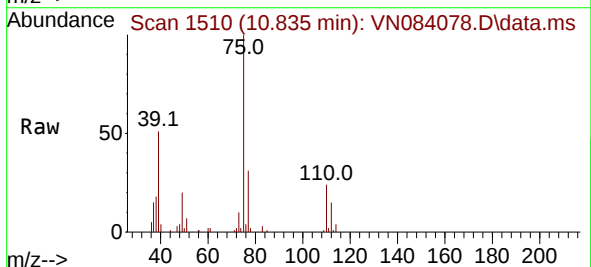
Manual Integrations
APPROVED

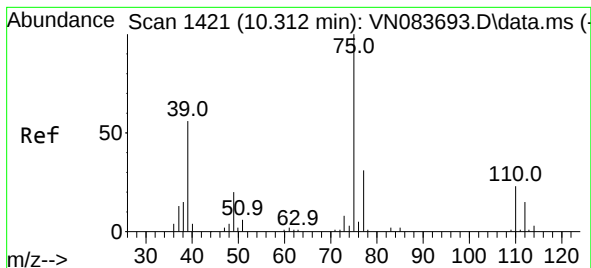
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#48
t-1,3-Dichloropropene
Concen: 18.873 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

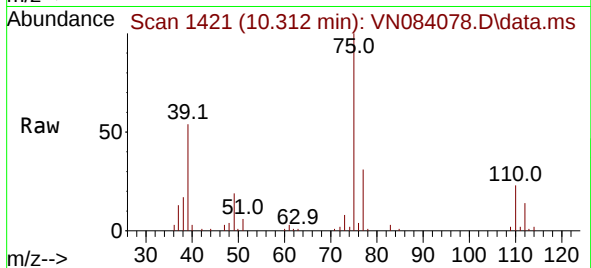
Tgt Ion: 75 Resp: 50402
Ion Ratio Lower Upper
75 100
77 30.6 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.290 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22

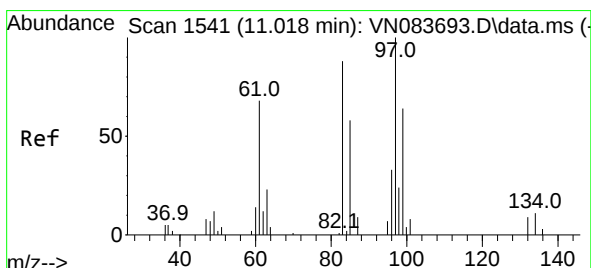
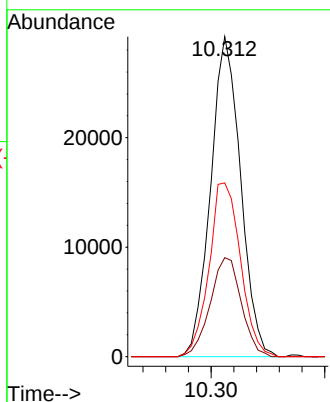
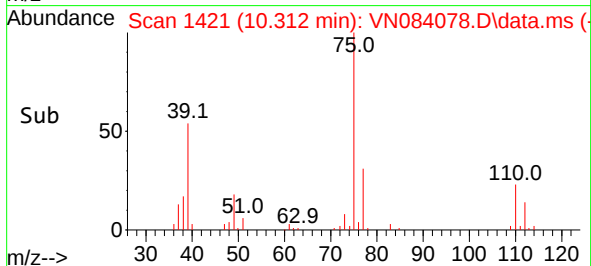
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 53579
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3
 39 54.3 31.0 46.6

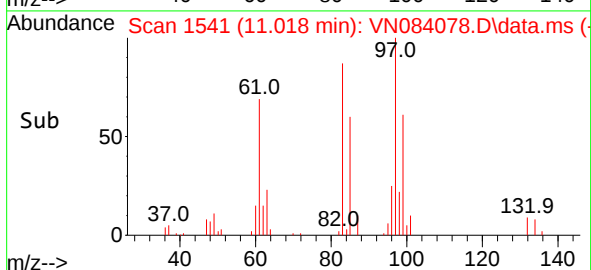
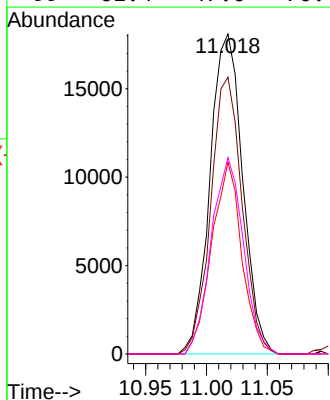
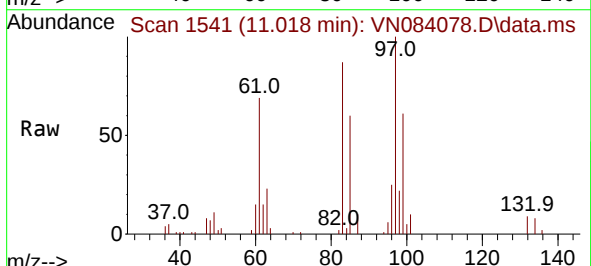
Manual Integrations
 APPROVED

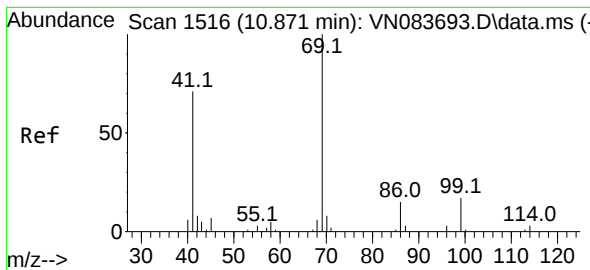
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#50
 1,1,2-Trichloroethane
 Concen: 22.248 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22

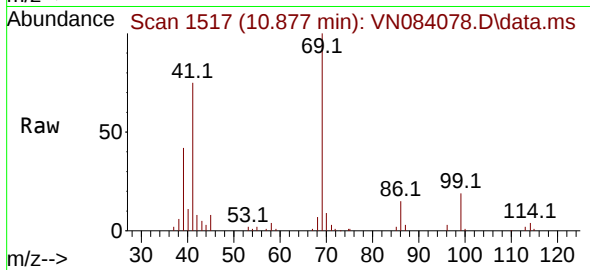
Tgt Ion: 97 Resp: 33799
 Ion Ratio Lower Upper
 97 100
 83 86.5 68.1 102.1
 85 60.0 41.8 62.6
 99 61.4 47.0 70.4





#51
Ethyl methacrylate
Concen: 20.090 ug/l
RT: 10.877 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

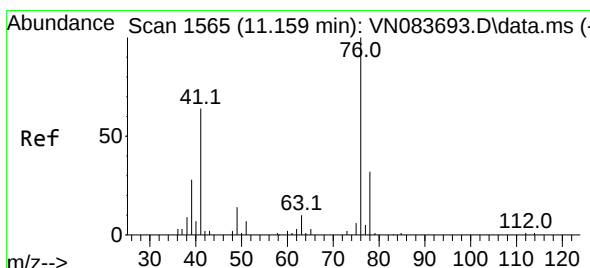
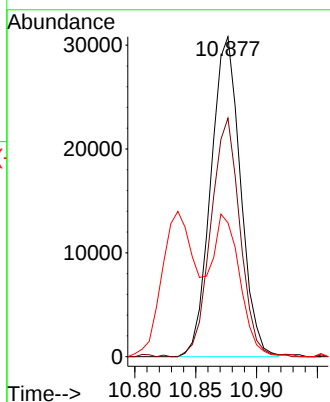
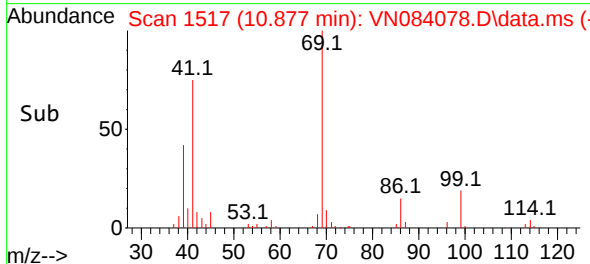
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



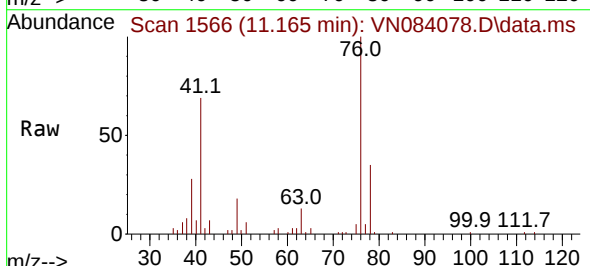
Tgt Ion: 69 Resp: 5214
Ion Ratio Lower Upper
69 100
41 74.5 25.5 76.5
39 41.3 16.0 47.9

Manual Integrations
APPROVED

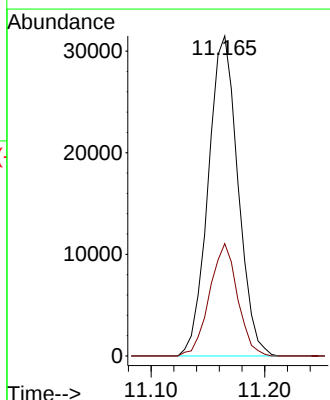
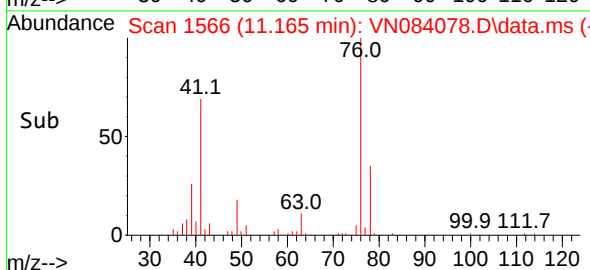
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

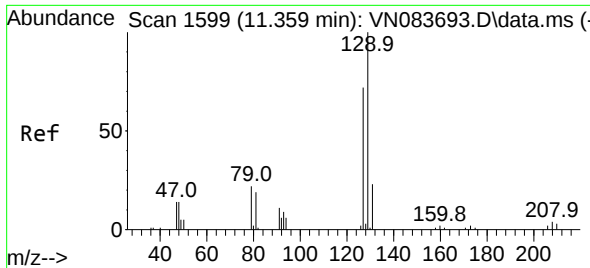


#52
1,3-Dichloropropane
Concen: 20.896 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



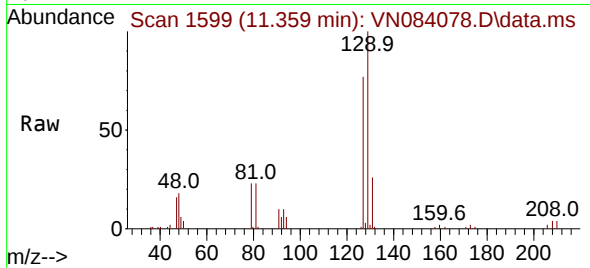
Tgt Ion: 76 Resp: 57328
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.8





#53
Dibromochloromethane
Concen: 21.028 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

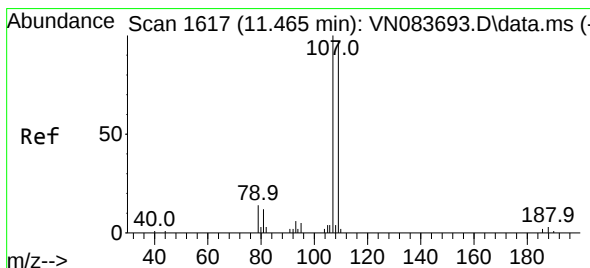
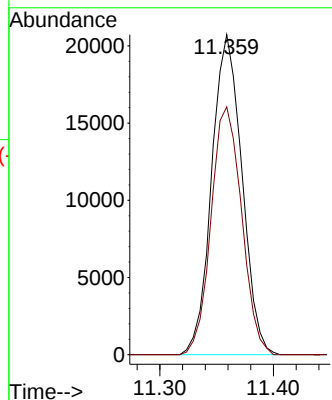
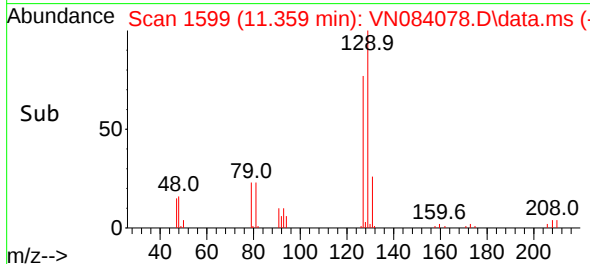
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



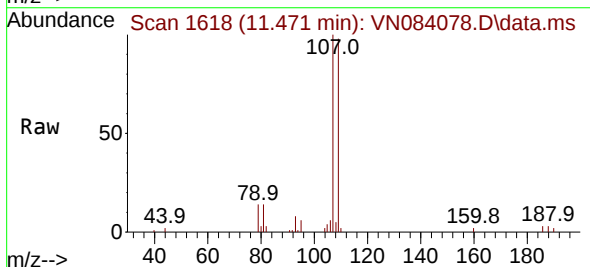
Tgt Ion:129 Resp: 3831
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.1

Manual Integrations
APPROVED

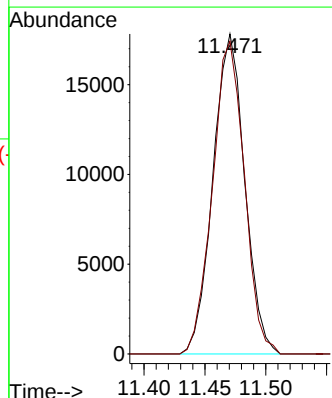
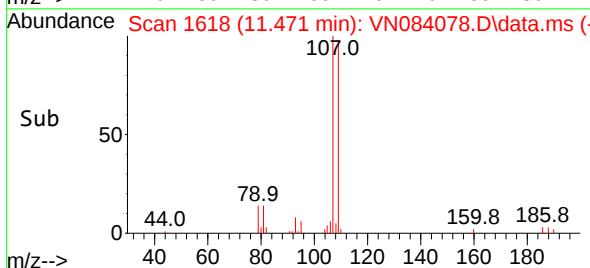
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

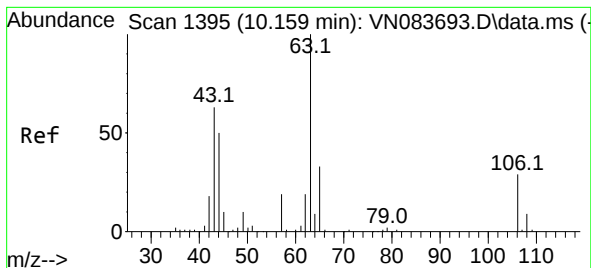


#54
1,2-Dibromoethane
Concen: 20.567 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



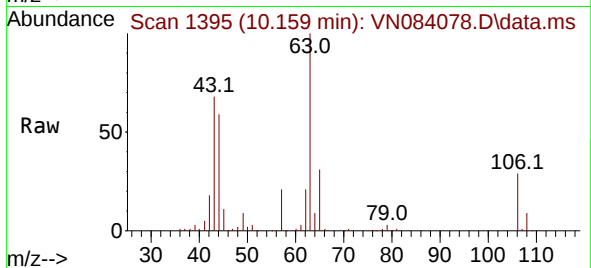
Tgt Ion:107 Resp: 32324
Ion Ratio Lower Upper
107 100
109 98.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 110.625 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

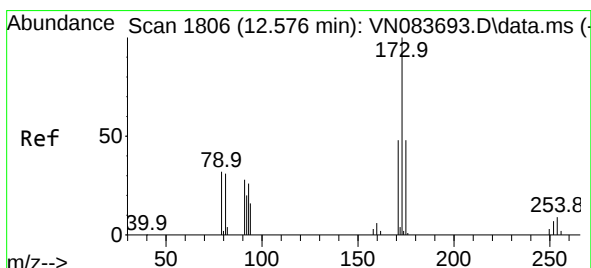
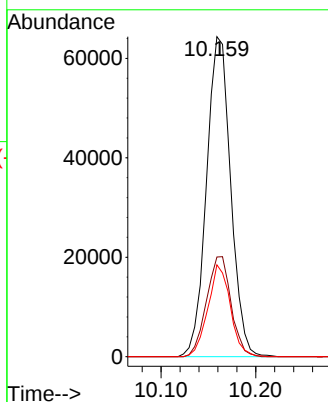
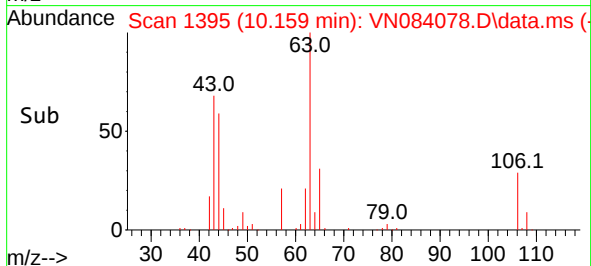
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 114429
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 26.7 23.8 35.8

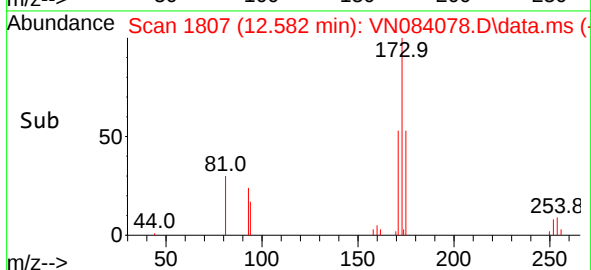
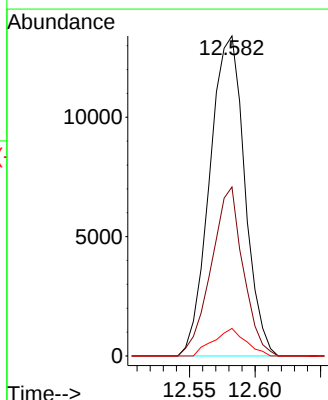
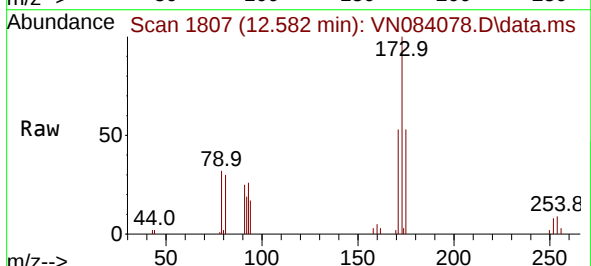
Manual Integrations
APPROVED

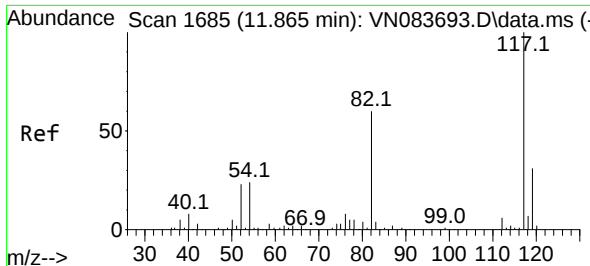
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#56
Bromoform
Concen: 21.480 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

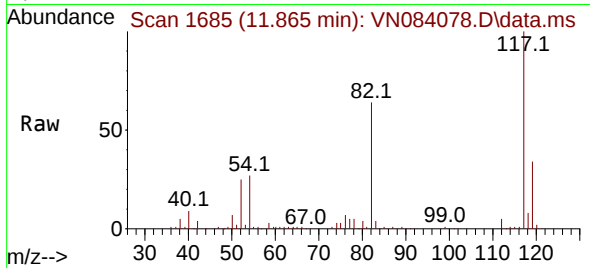
Tgt Ion:173 Resp: 24867
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 7.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

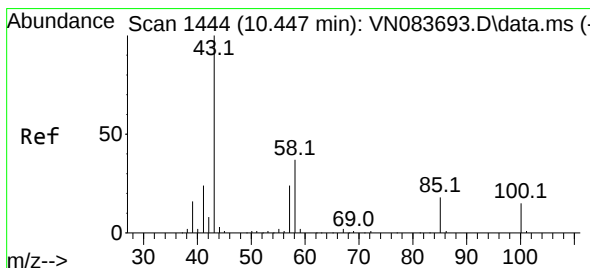
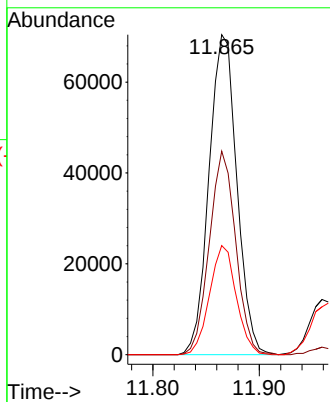
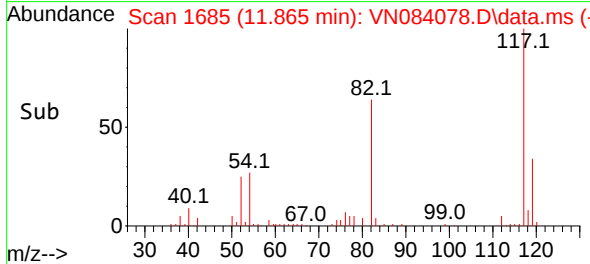
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



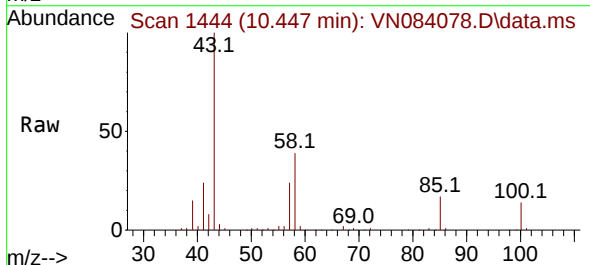
Tgt Ion:117 Resp: 127859
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 32.7 25.4 38.2

Manual Integrations
APPROVED

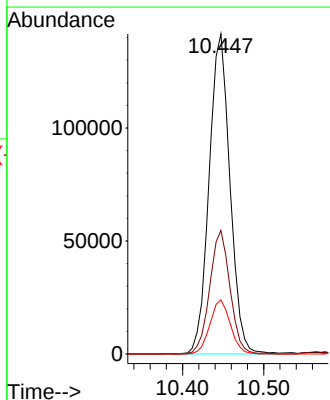
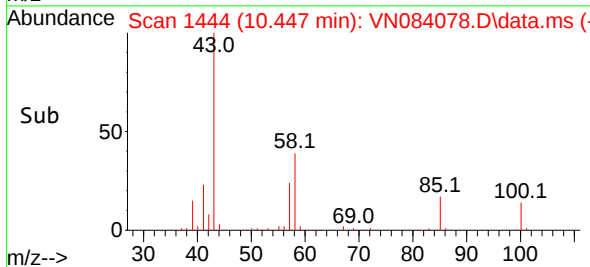
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

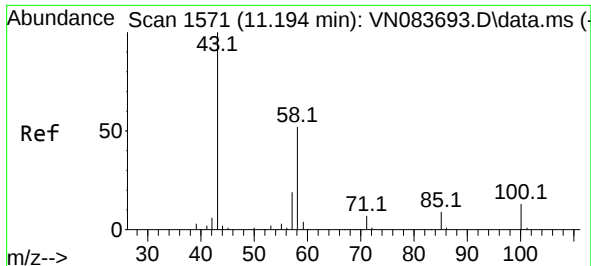


#58
4-Methyl-2-Pentanone
Concen: 124.833 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



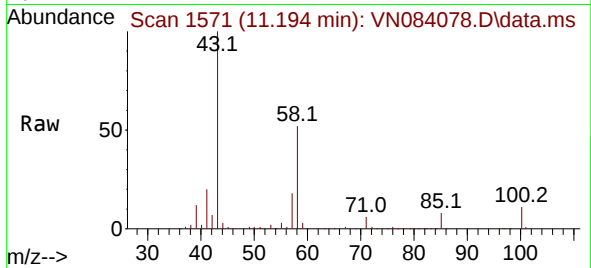
Tgt Ion: 43 Resp: 253081
Ion Ratio Lower Upper
43 100
58 37.5 36.5 54.7
85 16.5 19.5 29.3





#59
2-Hexanone
Concen: 119.757 ug/l m
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

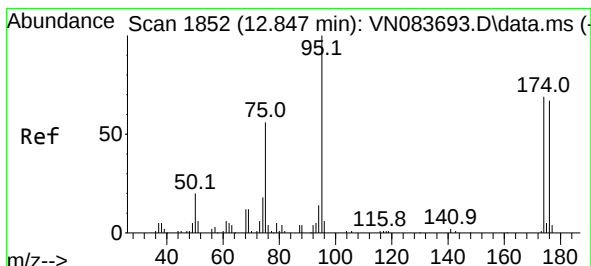
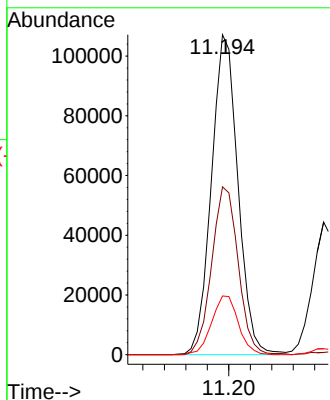
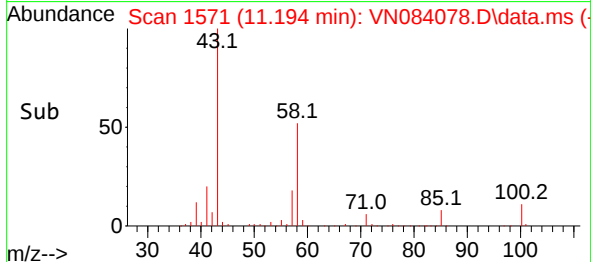
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



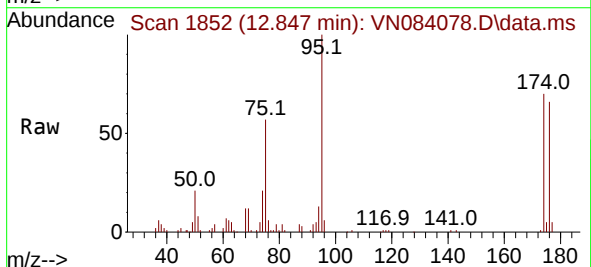
Tgt Ion: 43 Resp: 183450
Ion Ratio Lower Upper
43 100
58 1.0 50.4 75.6
57 0.4 18.6 27.8

Manual Integrations
APPROVED

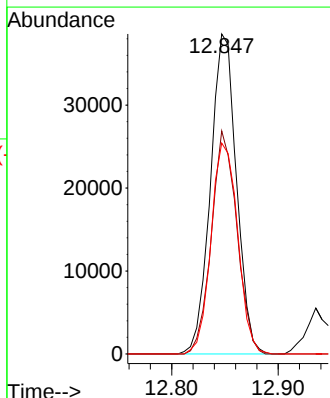
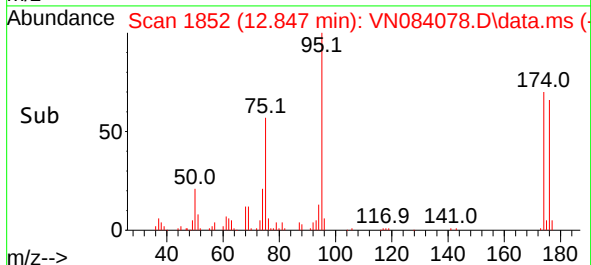
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

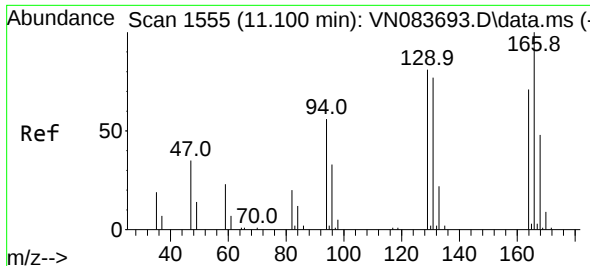


#60
4-Bromofluorobenzene
Concen: 29.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion: 95 Resp: 65215
Ion Ratio Lower Upper
95 100
174 68.3 60.5 90.7
176 67.6 57.8 86.6





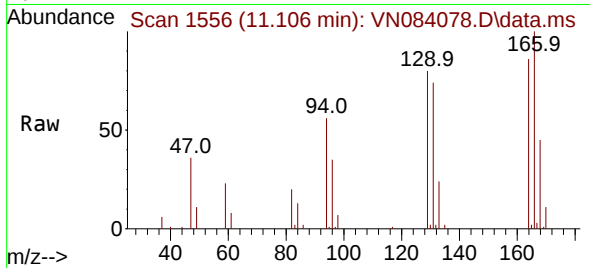
#61
Tetrachloroethene
Concen: 20.301 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



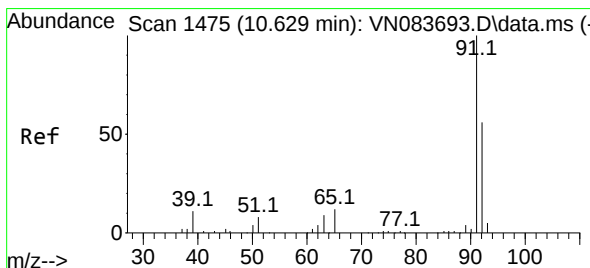
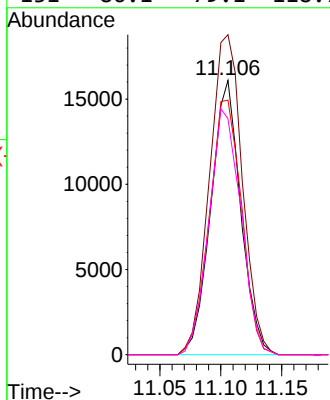
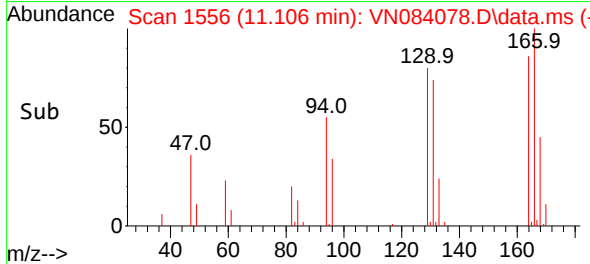
Tgt Ion:164 Resp: 2747
Ion Ratio Lower Upper
164 100
166 116.7 106.7 160.1
129 92.8 85.8 128.6
131 86.1 79.1 118.7

Manual Integrations

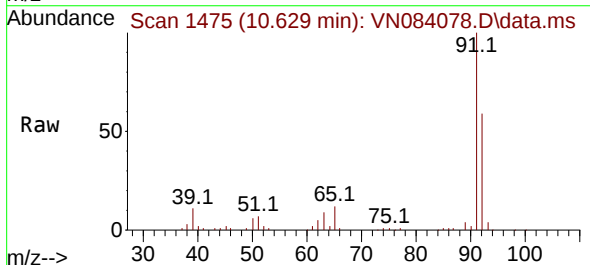
APPROVED

Reviewed By :John Carlone 09/23/2024

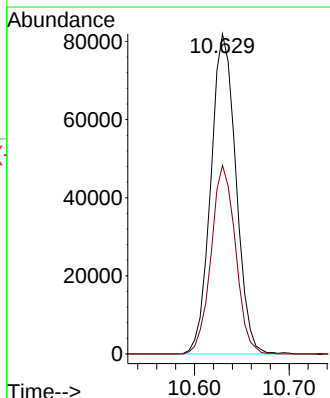
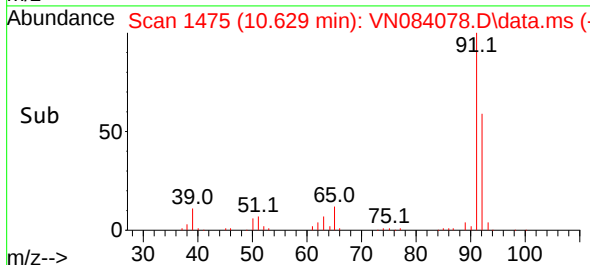
Supervised By :Mahesh Dadoda 09/23/2024

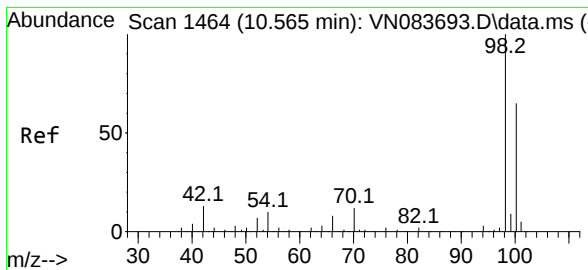


#62
Toluene
Concen: 20.541 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



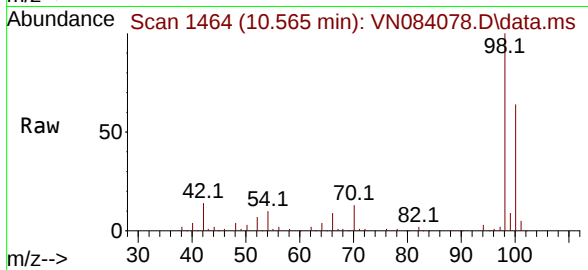
Tgt Ion: 91 Resp: 150961
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 31.482 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

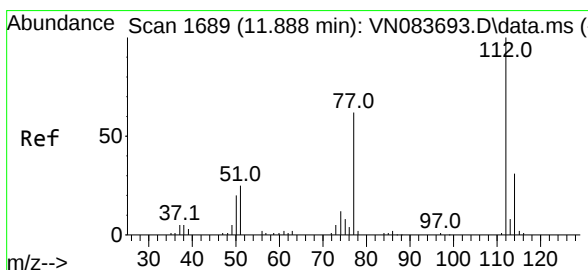
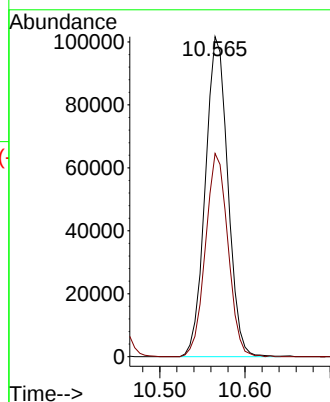
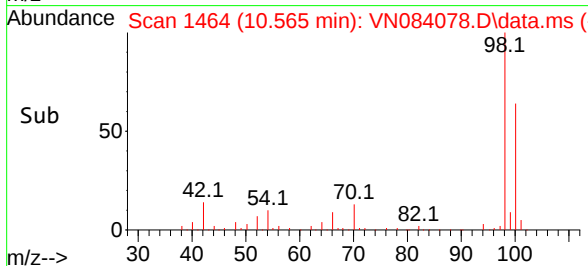
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 186384
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1

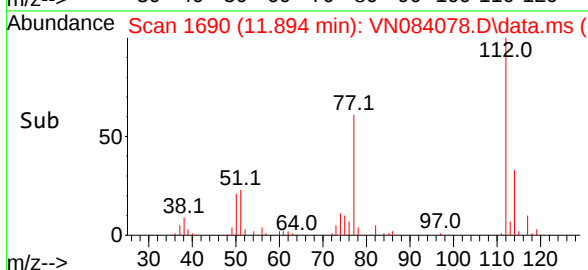
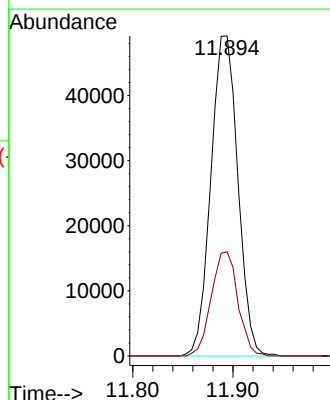
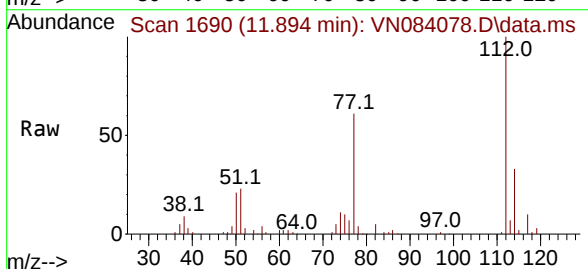
Manual Integrations
APPROVED

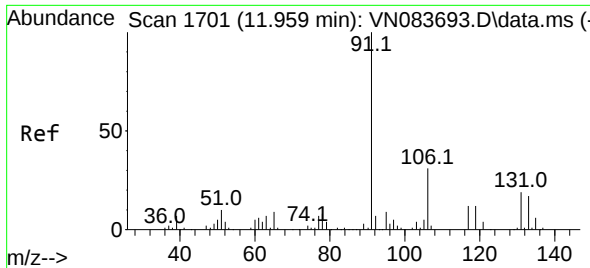
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#64
Chlorobenzene
Concen: 20.217 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion:112 Resp: 91991
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





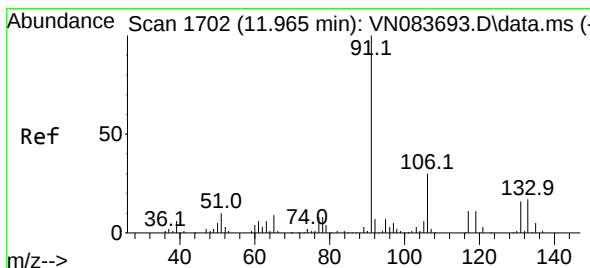
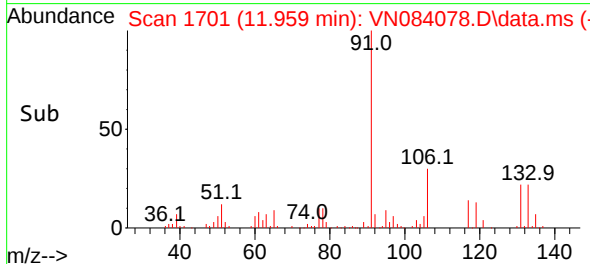
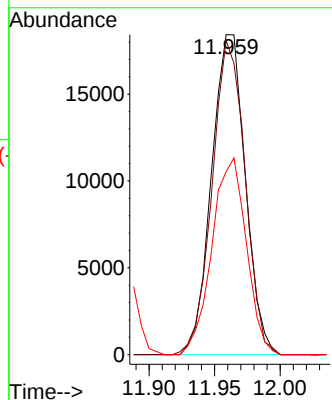
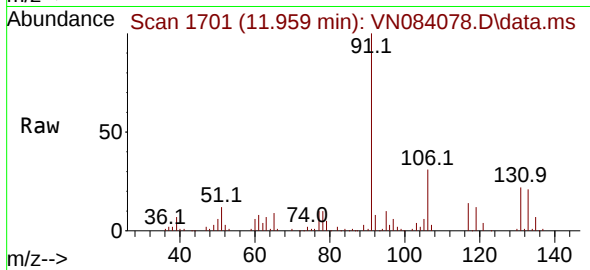
#65
1,1,1,2-Tetrachloroethane
Concen: 20.831 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 33019
Ion Ratio Lower Upper
131 100
133 95.8 0.0 188.0
119 62.6 0.0 122.8

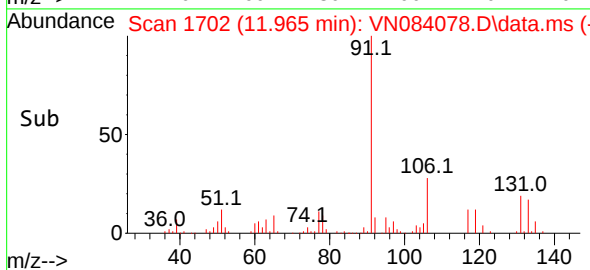
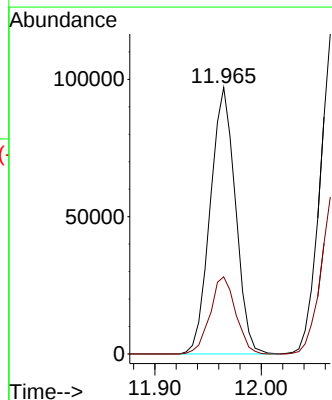
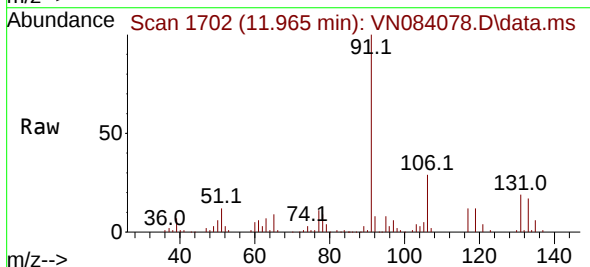
Manual Integrations
APPROVED

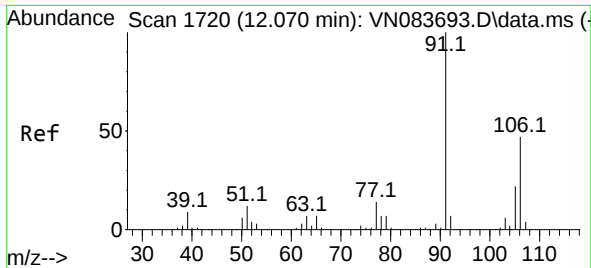
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#66
Ethyl Benzene
Concen: 19.096 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 91 Resp: 159596
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6





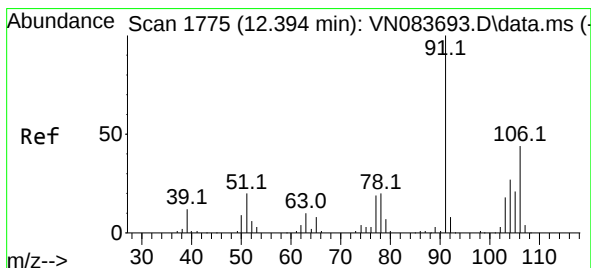
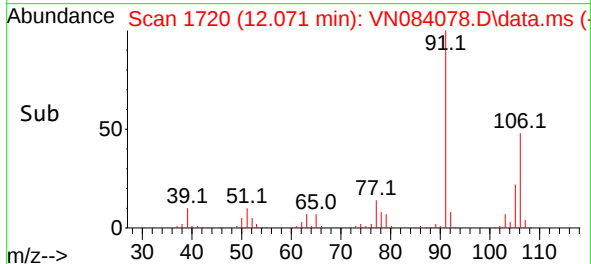
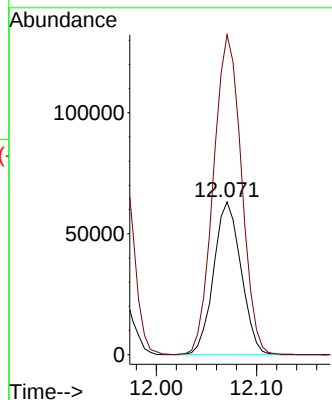
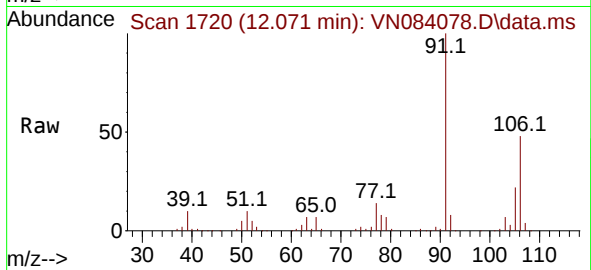
#67
m/p-Xylenes
Concen: 38.986 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 119872
Ion Ratio Lower Upper
106 100
91 214.1 166.6 249.8

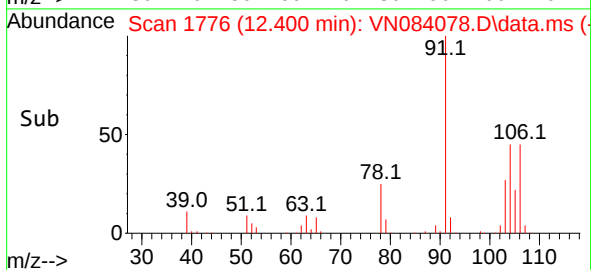
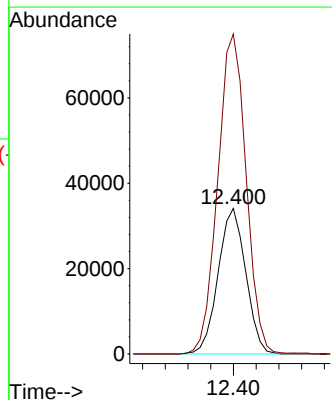
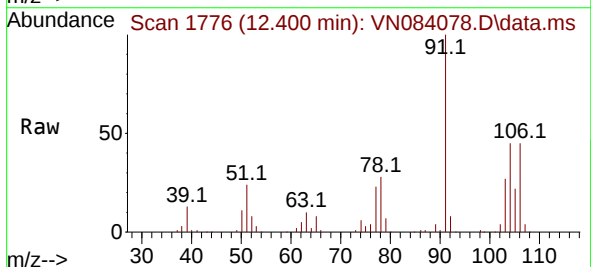
Manual Integrations
APPROVED

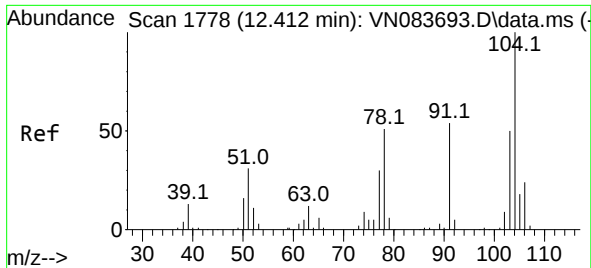
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#68
o-Xylene
Concen: 19.339 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion:106 Resp: 57549
Ion Ratio Lower Upper
106 100
91 225.8 110.0 330.0





#69

Styrene

Concen: 19.733 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

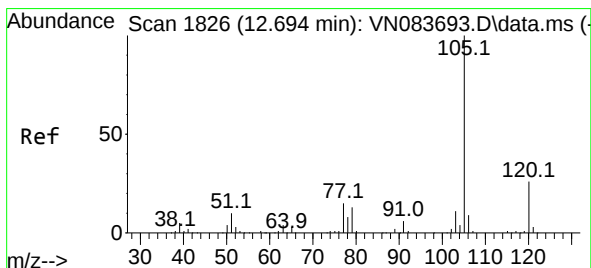
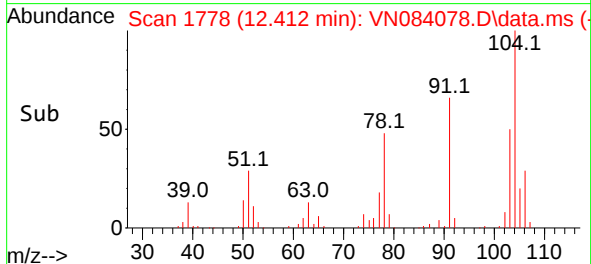
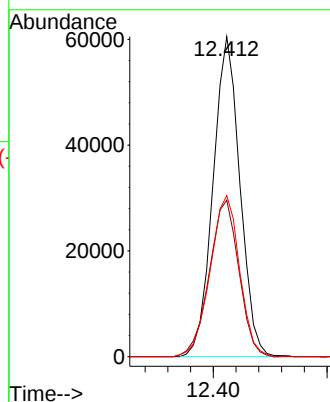
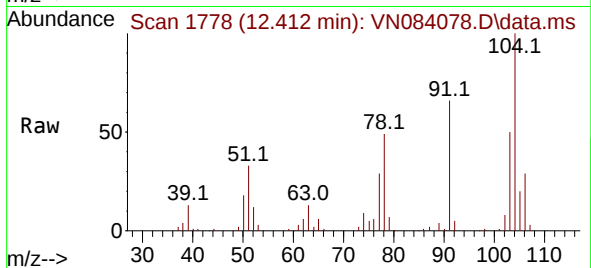
Tgt Ion:104	Resp:	9922
Ion Ratio	Lower	Upper
104	100	
78	53.7	42.6 64.0
103	55.1	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#70

Isopropylbenzene

Concen: 19.003 ug/l

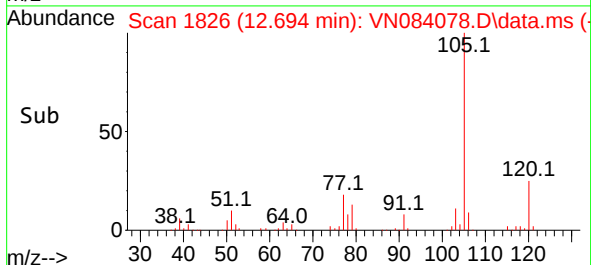
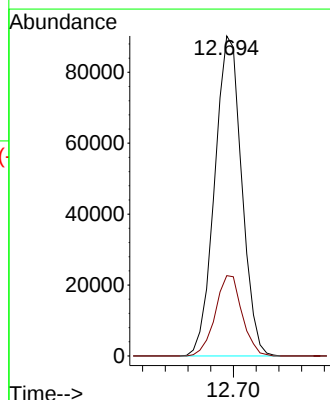
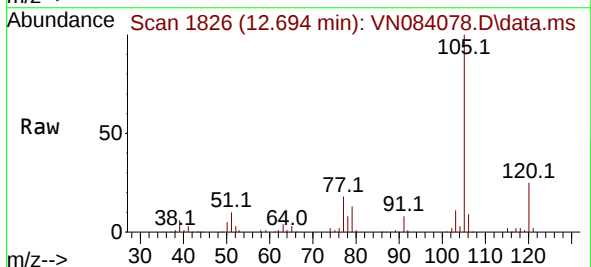
RT: 12.694 min Scan# 1826

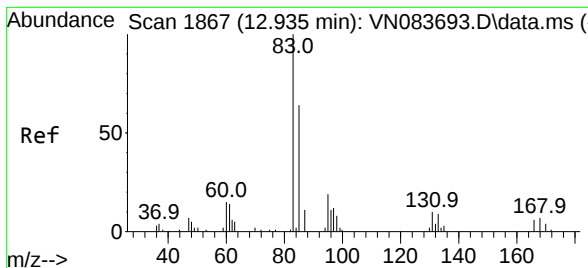
Delta R.T. 0.000 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

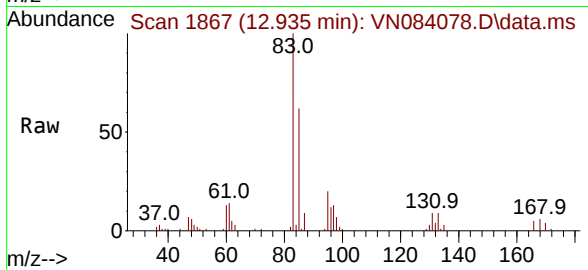
Tgt Ion:105	Resp:	149233
Ion Ratio	Lower	Upper
105	100	
120	24.8	17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 23.111 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

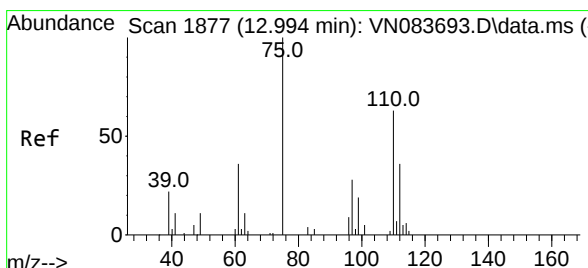
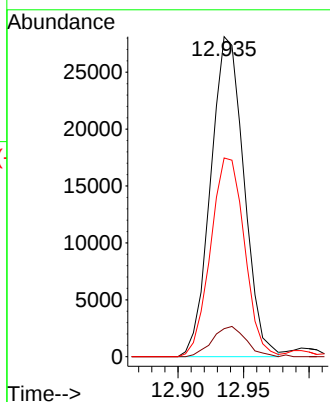
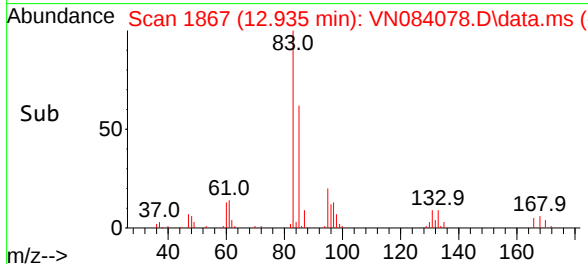
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



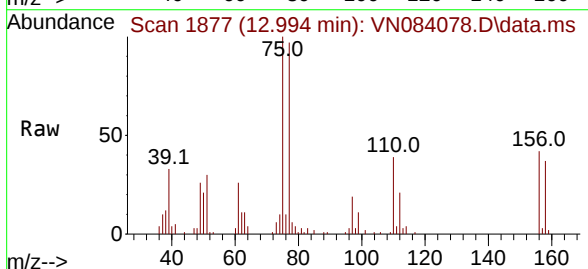
Tgt Ion: 83 Resp: 4957
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 63.3 32.3 96.8

Manual Integrations
APPROVED

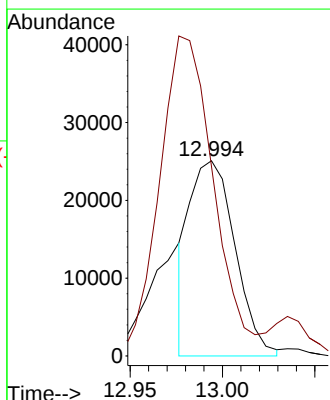
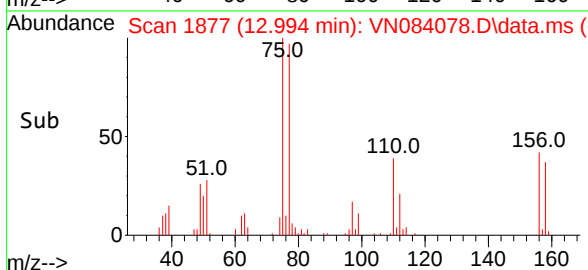
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

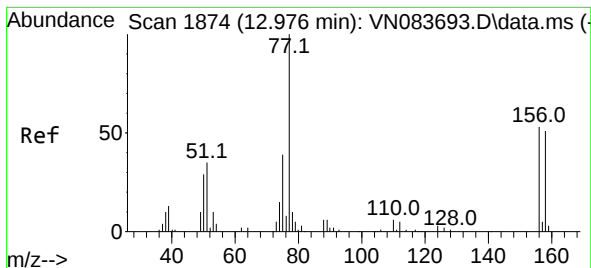


#72
1,2,3-Trichloropropane
Concen: 22.704 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion: 75 Resp: 42696
Ion Ratio Lower Upper
75 100
77 195.3 0.0 367.6





#73

Bromobenzene

Concen: 19.576 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

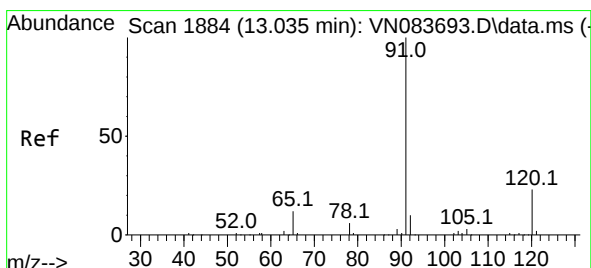
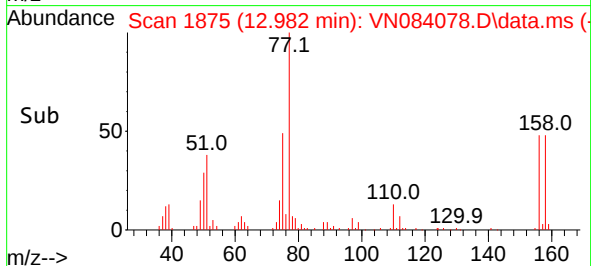
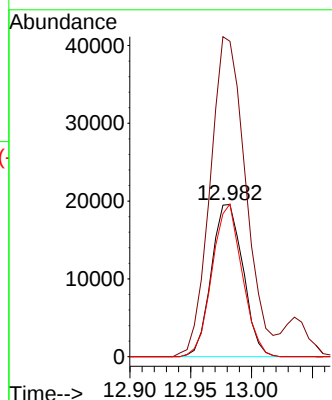
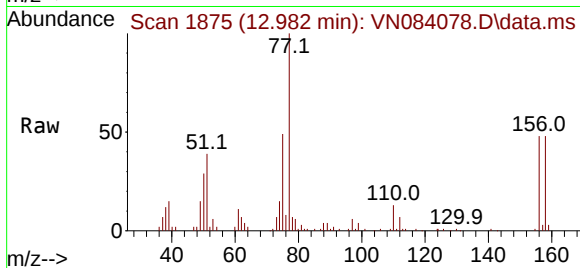
Tgt Ion:	156	Resp:	3531
Ion Ratio	Lower	Upper	
156	100		
77	236.1	0.0	437.6
158	95.4	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#74

n-propylbenzene

Concen: 19.226 ug/l

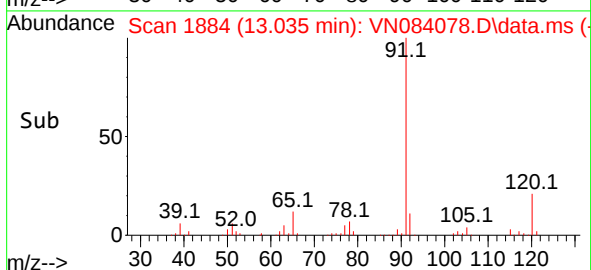
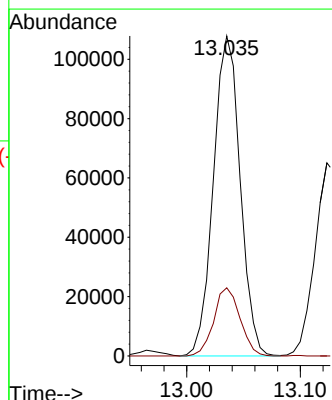
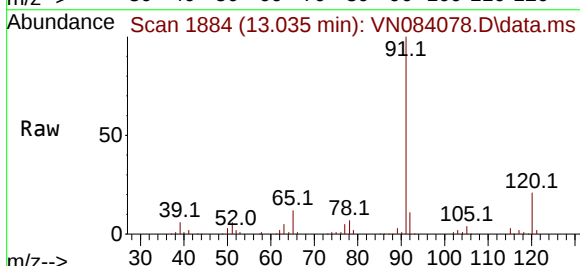
RT: 13.035 min Scan# 1884

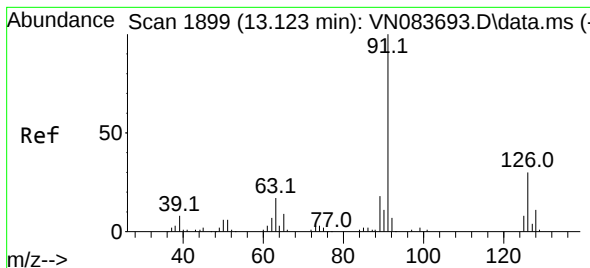
Delta R.T. 0.000 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Tgt Ion:	91	Resp:	176748
Ion Ratio	Lower	Upper	
91	100		
120	20.8	0.0	43.8





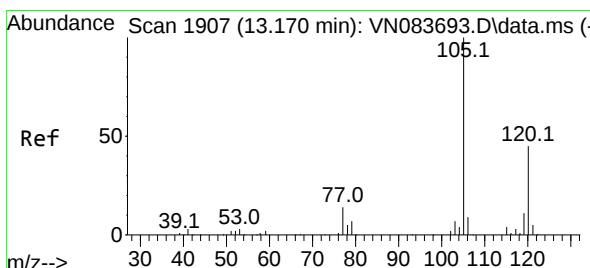
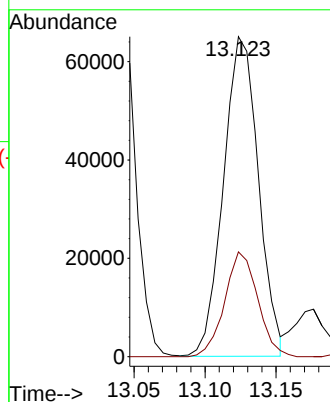
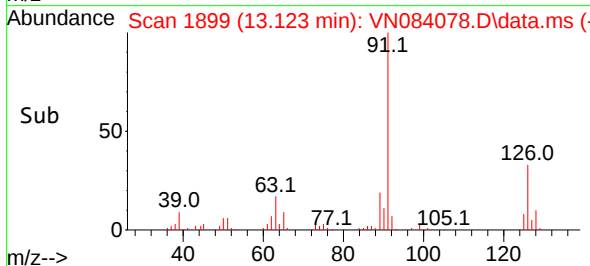
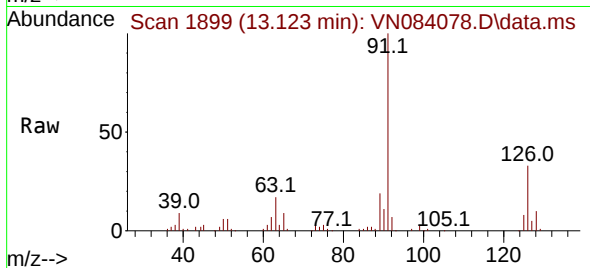
#75
2-Chlorotoluene
Concen: 19.396 ug/l
RT: 13.123 min Scan# 111289
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 111289
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2

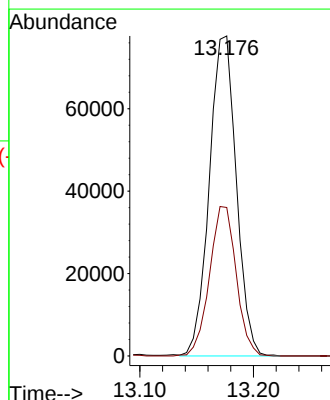
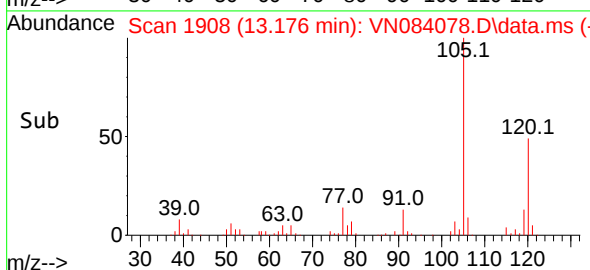
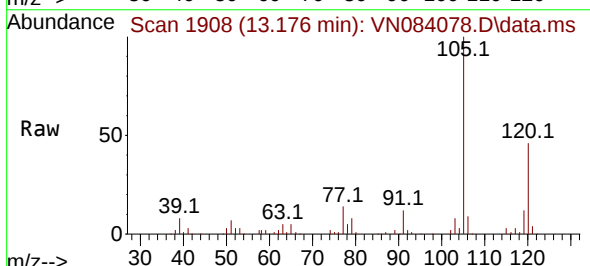
Manual Integrations
APPROVED

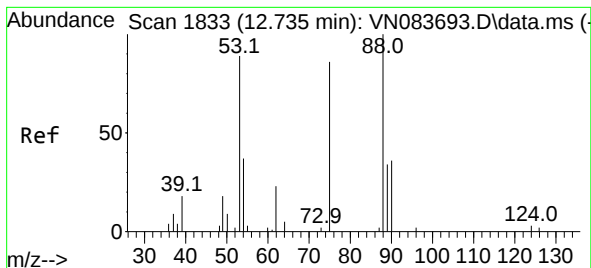
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.555 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

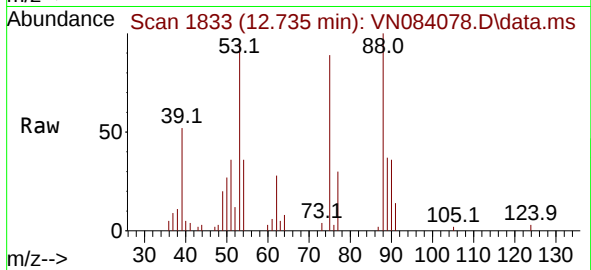
Tgt Ion:105 Resp: 128280
Ion Ratio Lower Upper
105 100
120 46.2 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.085 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

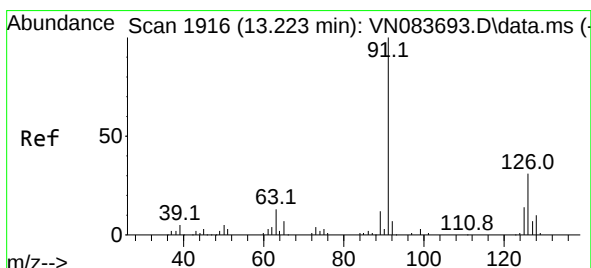
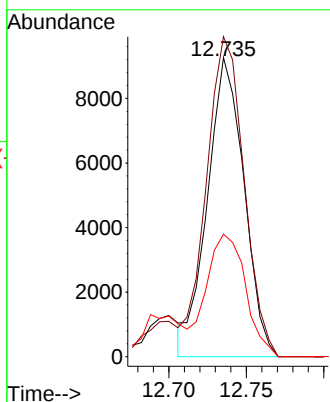
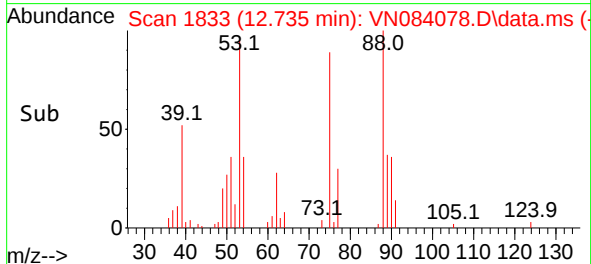
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 15170
Ion Ratio Lower Upper
75 100
53 107.0 45.9 137.7
89 41.0 25.9 77.7

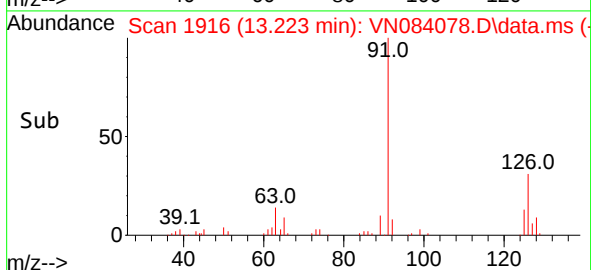
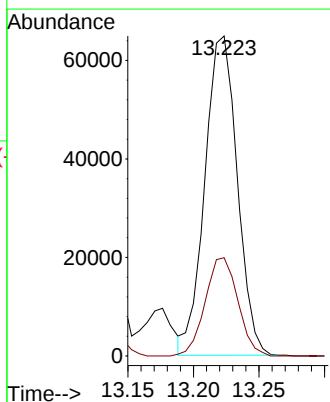
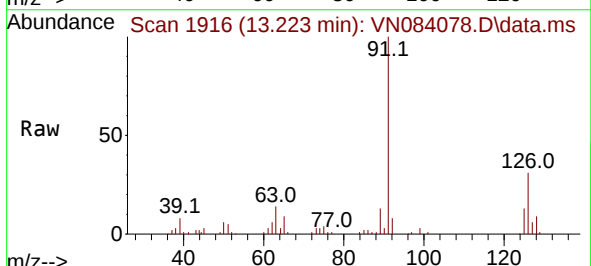
Manual Integrations
APPROVED

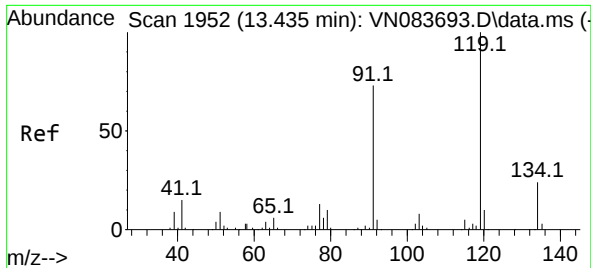
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#78
4-Chlorotoluene
Concen: 19.187 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion: 91 Resp: 111642
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.8





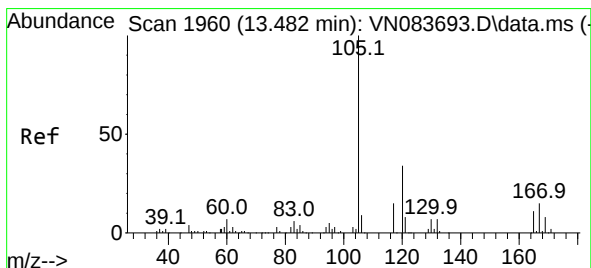
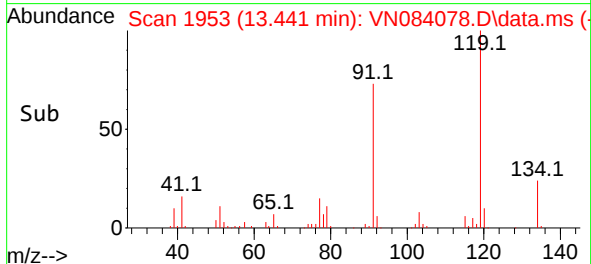
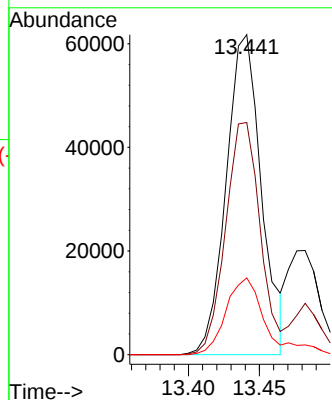
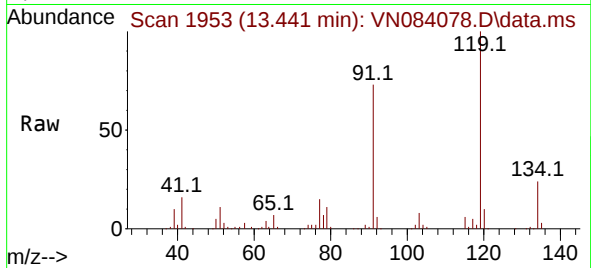
#79
tert-butylbenzene
Concen: 18.564 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 106492
Ion Ratio Lower Upper
119 100
91 71.3 0.0 138.8
134 24.1 0.0 48.6

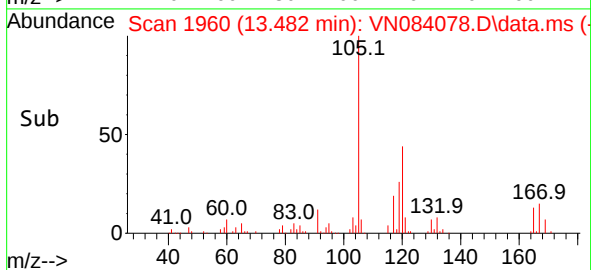
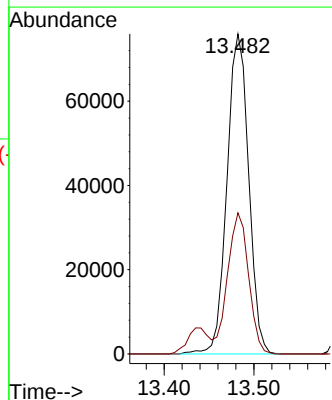
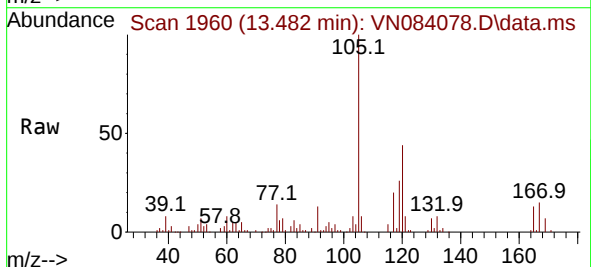
Manual Integrations
APPROVED

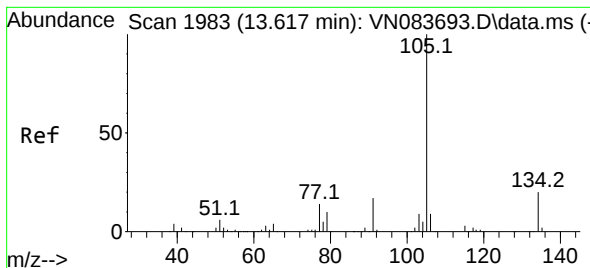
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.233 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

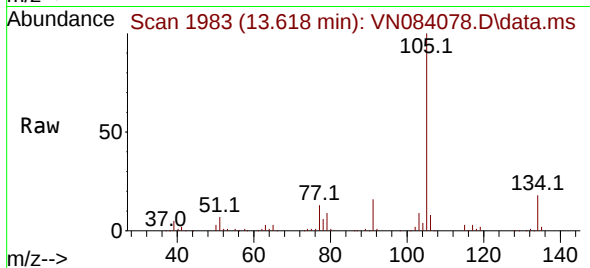
Tgt Ion:105 Resp: 127496
Ion Ratio Lower Upper
105 100
120 42.8 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.270 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22

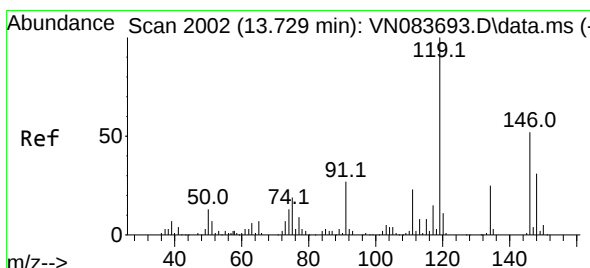
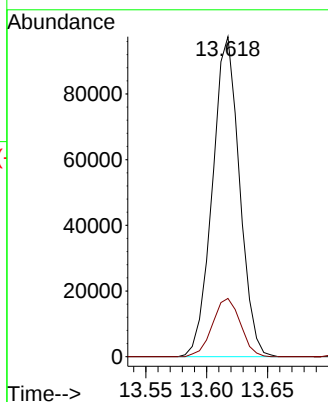
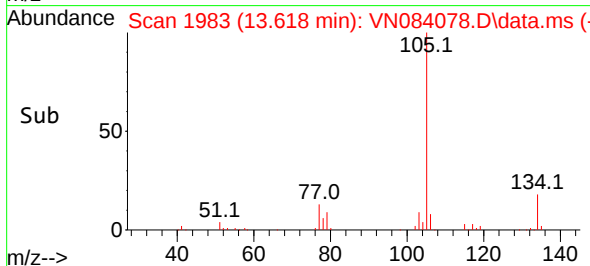
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



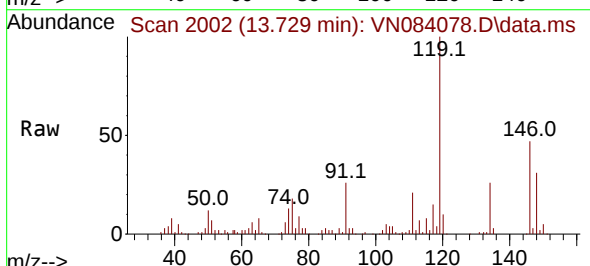
Tgt Ion:105 Resp: 151000
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0

Manual Integrations
 APPROVED

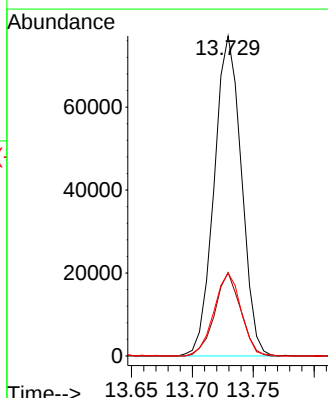
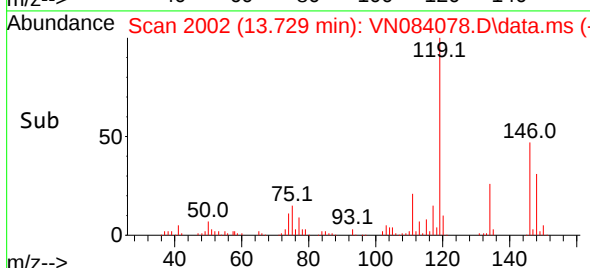
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

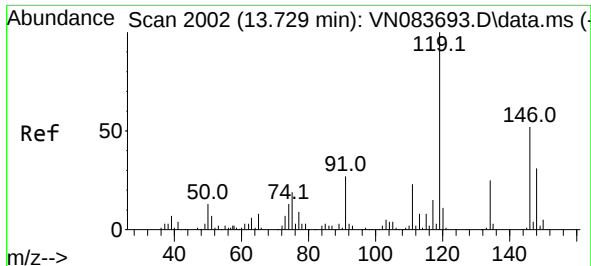


#82
 p-Isopropyltoluene
 Concen: 18.238 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084078.D
 Acq: 20 Sep 2024 18:22



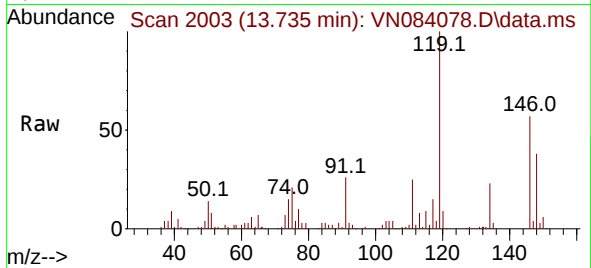
Tgt Ion:119 Resp: 120249
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 49.2
 91 25.8 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.101 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

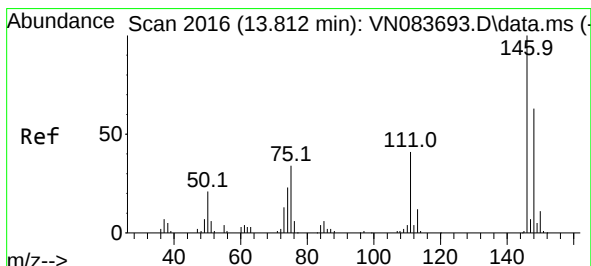
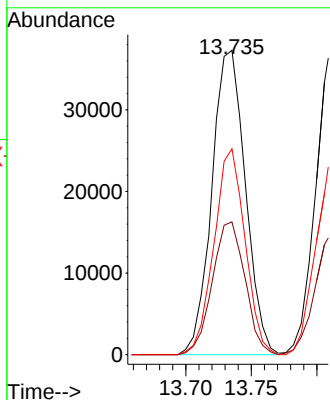
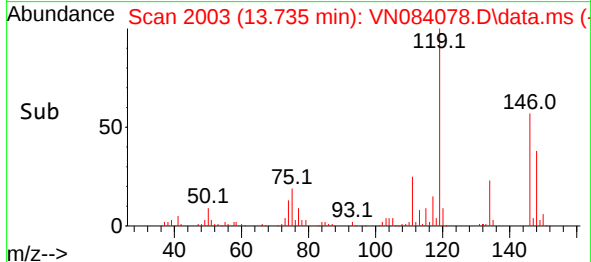
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 66312
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.7 32.1 96.5

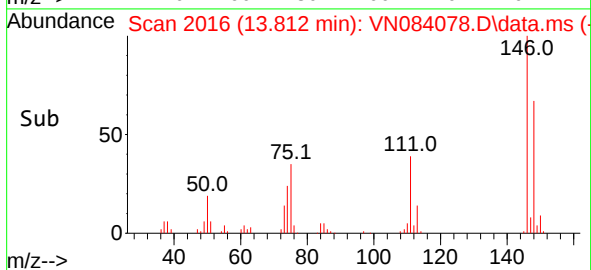
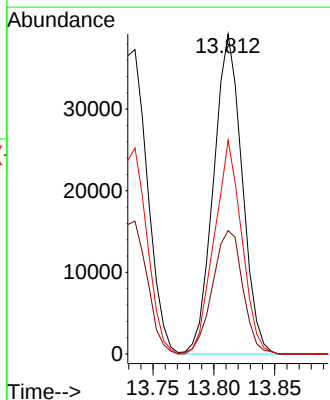
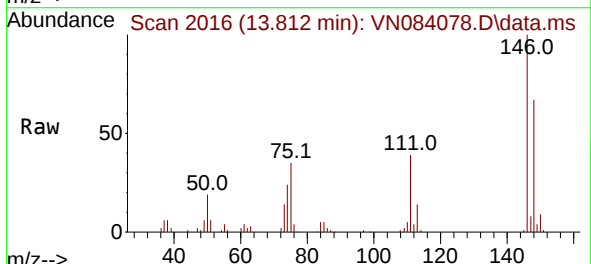
Manual Integrations
APPROVED

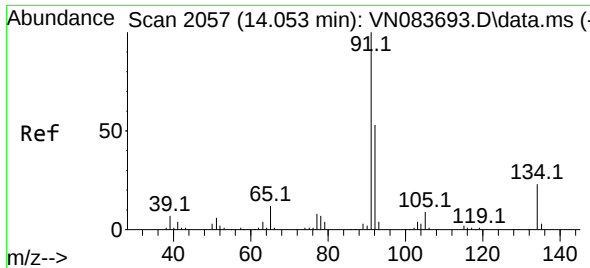
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#84
1,4-Dichlorobenzene
Concen: 18.417 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion:146 Resp: 63921
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 64.4 31.9 95.5





#85
n-Butylbenzene
Concen: 17.555 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

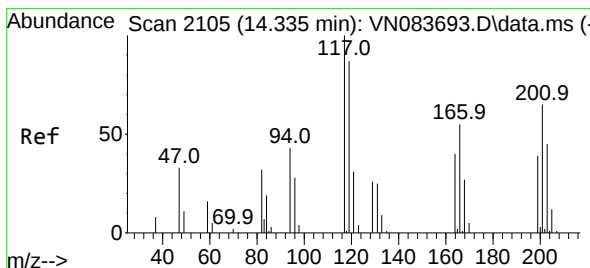
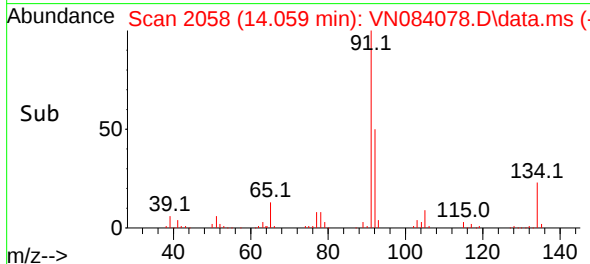
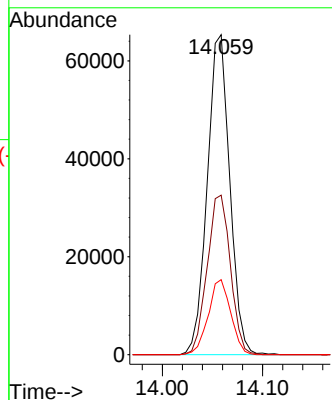
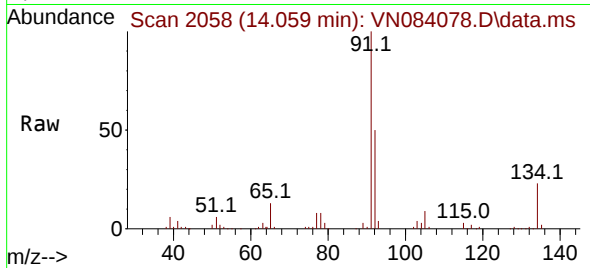
Tgt Ion: 91 Resp: 102139
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.0
134 23.4 0.0 51.8

Manual Integrations

APPROVED

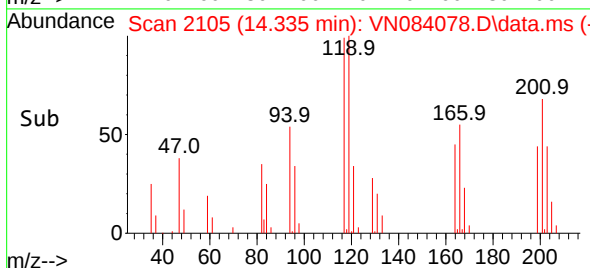
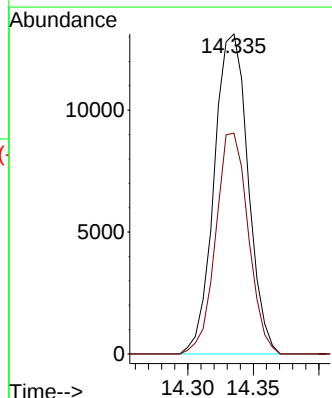
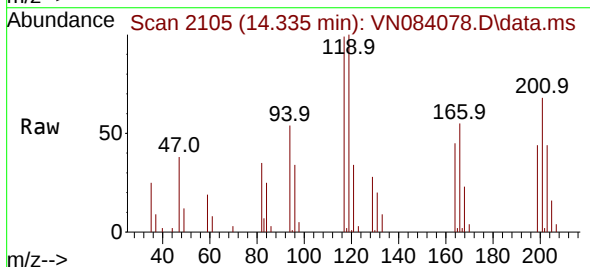
Reviewed By :John Carlone 09/23/2024

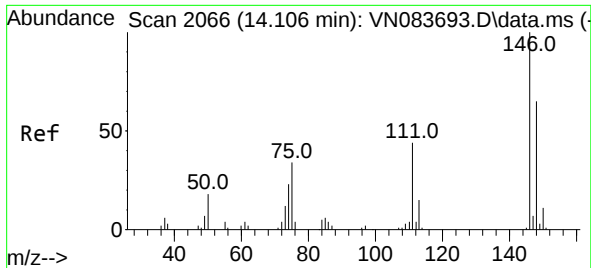
Supervised By :Mahesh Dadoda 09/23/2024



#86
Hexachloroethane
Concen: 18.905 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

Tgt Ion:117 Resp: 23620
Ion Ratio Lower Upper
117 100
201 66.0 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 18.872 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

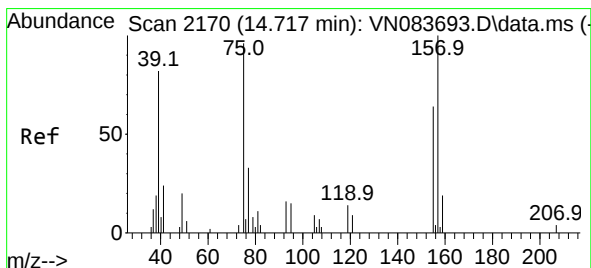
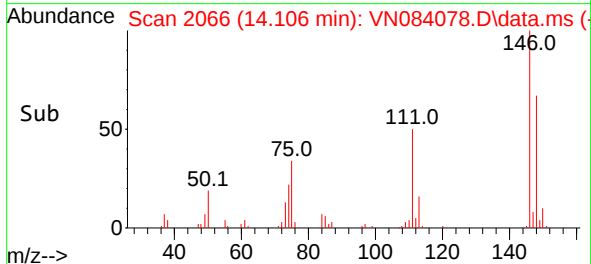
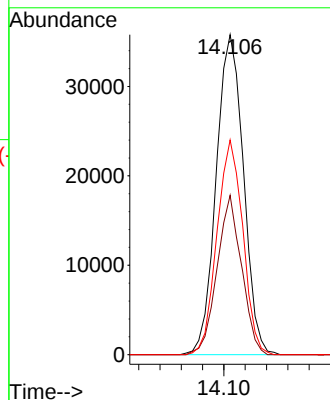
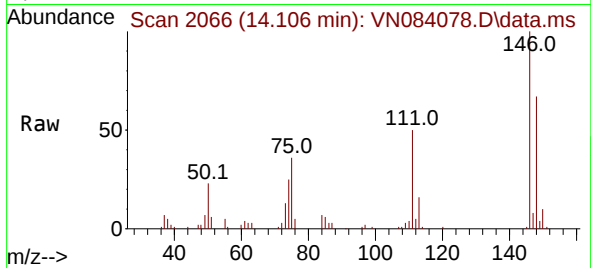
Tgt Ion:146	Resp:	63584
Ion Ratio	Lower	Upper
146	100	
111	44.7	22.6 67.8
148	63.6	31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.042 ug/l

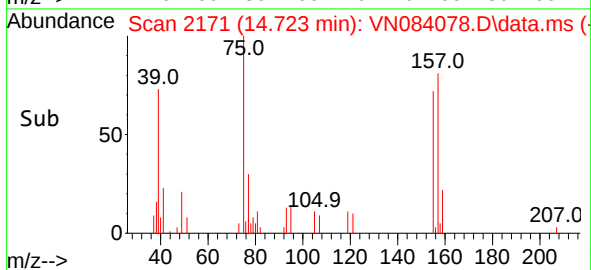
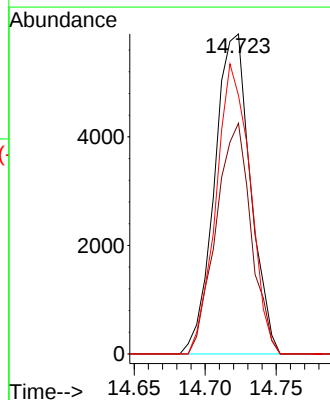
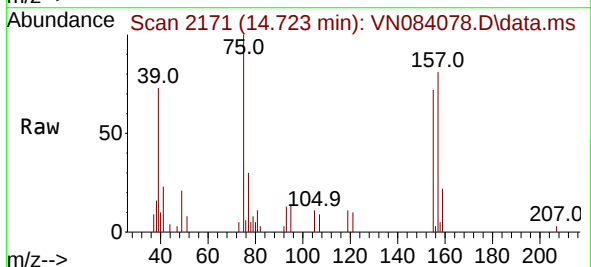
RT: 14.723 min Scan# 2171

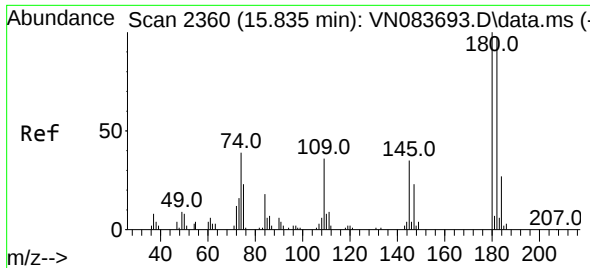
Delta R.T. 0.006 min

Lab File: VN084078.D

Acq: 20 Sep 2024 18:22

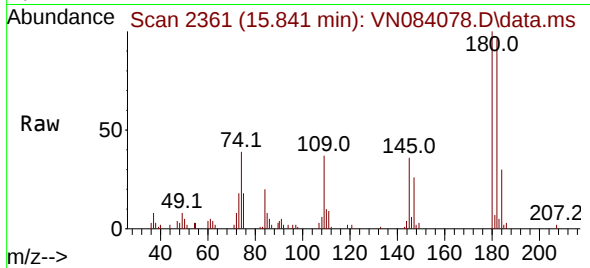
Tgt Ion: 75	Resp:	10390
Ion Ratio	Lower	Upper
75	100	
155	70.4	61.7 92.5
157	86.1	83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.198 ug/l
RT: 15.841 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

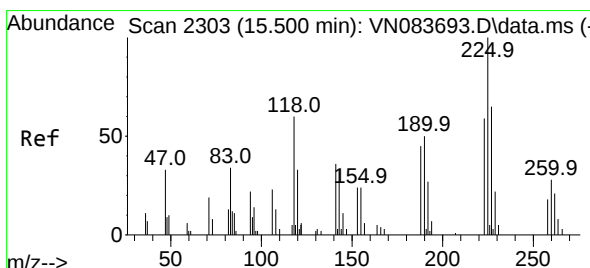
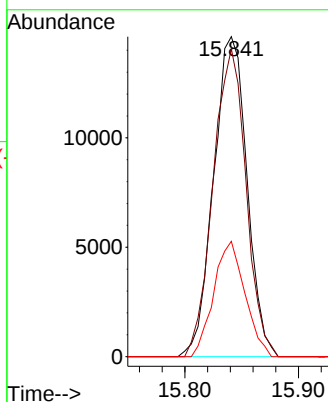
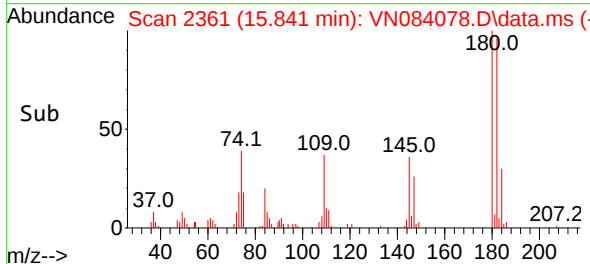
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



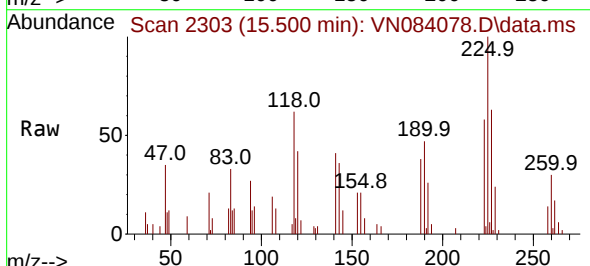
Tgt Ion:180 Resp: 29899
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 33.7 28.4 42.6

Manual Integrations
APPROVED

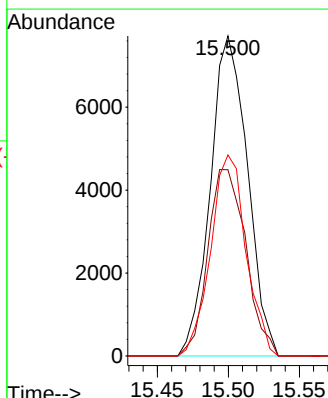
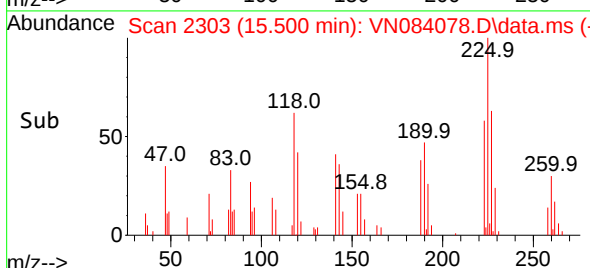
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

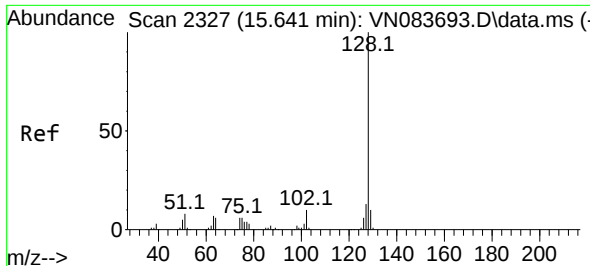


#90
Hexachlorobutadiene
Concen: 18.366 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



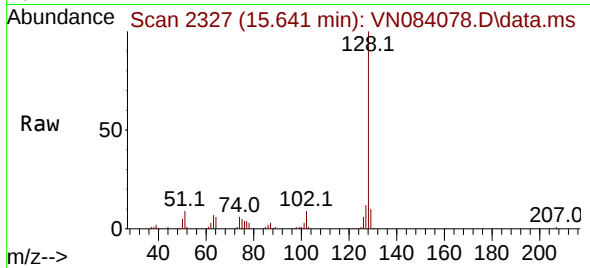
Tgt Ion:225 Resp: 14032
Ion Ratio Lower Upper
225 100
223 59.7 0.0 126.6
227 59.8 0.0 126.6





#91
Naphthalene
Concen: 15.835 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22

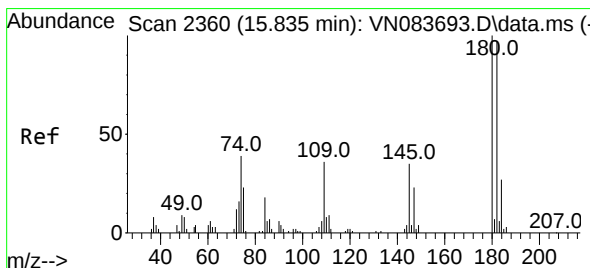
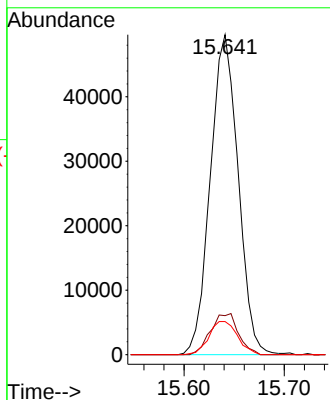
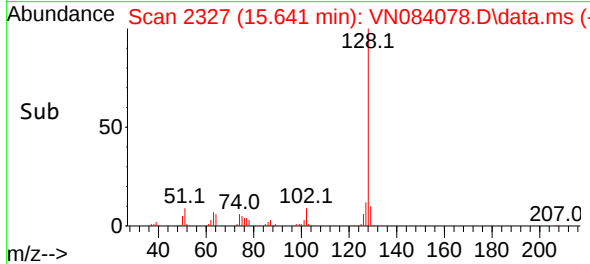
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



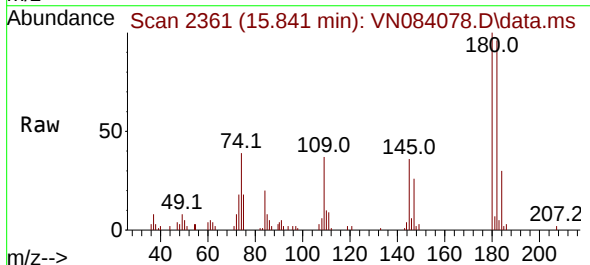
Tgt Ion:128 Resp: 9555
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.198 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084078.D
Acq: 20 Sep 2024 18:22



Tgt Ion:180 Resp: 29899
Ion Ratio Lower Upper
180 100
182 94.9 0.0 191.0
145 33.7 0.0 71.0

