

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075935.D
 Acq On : 22 Dec 2022 10:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 03:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	313506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	493165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	446485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178900	52.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.171	113	165353	54.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.280%			
50) Toluene-d8	10.571	98	625341	54.763	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.853	95	217595	57.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	100900	45.328	ug/l	98
3) Chloromethane	2.371	50	116892	42.230	ug/l	99
4) Vinyl Chloride	2.530	62	144269	43.694	ug/l	100
5) Bromomethane	2.948	94	117167	41.755	ug/l	98
6) Chloroethane	3.124	64	108386	44.328	ug/l	98
7) Trichlorofluoromethane	3.506	101	234279	46.761	ug/l	99
8) Diethyl Ether	3.971	74	90328	49.362	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	140866	49.239	ug/l	99
10) Methyl Iodide	4.600	142	215488	46.412	ug/l	100
11) Tert butyl alcohol	5.530	59	106302	220.268	ug/l	100
12) 1,1-Dichloroethene	4.353	96	133969	48.215	ug/l	99
13) Acrolein	4.189	56	161748	273.382	ug/l	97
14) Allyl chloride	5.036	41	171877	52.916	ug/l	98
15) Acrylonitrile	5.730	53	312242	237.086	ug/l	99
16) Acetone	4.436	43	327286	278.371	ug/l	98
17) Carbon Disulfide	4.724	76	290405	43.167	ug/l	97
18) Methyl Acetate	5.042	43	160681	46.235	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	463053	50.607	ug/l	95
20) Methylene Chloride	5.283	84	154528	49.121	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	145506	47.817	ug/l	94
22) Diisopropyl ether	6.677	45	415093	52.607	ug/l	98
23) Vinyl Acetate	6.612	43	1350174	254.226	ug/l	99
24) 1,1-Dichloroethane	6.577	63	259628	49.337	ug/l	100
25) 2-Butanone	7.488	43	415876	252.625	ug/l	97
26) 2,2-Dichloropropane	7.494	77	231948	52.048	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	177788	48.852	ug/l	96
28) Bromochloromethane	7.824	49	113301	49.123	ug/l	100
29) Tetrahydrofuran	7.841	42	251994	244.265	ug/l	99
30) Chloroform	7.971	83	291103	49.132	ug/l	97
31) Cyclohexane	8.265	56	218512	44.734	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	263486	50.161	ug/l	99
36) 1,1-Dichloropropene	8.377	75	207617	51.174	ug/l	99
37) Ethyl Acetate	7.565	43	153686	47.160	ug/l	98
38) Carbon Tetrachloride	8.365	117	234158	51.568	ug/l	100
39) Methylcyclohexane	9.606	83	264103	53.958	ug/l	99
40) Benzene	8.612	78	627734	50.149	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	88903	52.484	ug/l	98
42) 1,2-Dichloroethane	8.677	62	212071	50.960	ug/l	99
43) Isopropyl Acetate	8.694	43	281047	52.281	ug/l	99
44) Trichloroethene	9.353	130	172553	48.932	ug/l	99
45) 1,2-Dichloropropane	9.624	63	154700	50.787	ug/l	100
46) Dibromomethane	9.712	93	113942	50.433	ug/l	99
47) Bromodichloromethane	9.888	83	231218	52.188	ug/l	98
48) Methyl methacrylate	9.682	41	127929	52.838	ug/l	98
49) 1,4-Dioxane	9.694	88	58511	983.006	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	849626	261.345	ug/l	99
52) Toluene	10.629	92	425851	52.237	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	240271	55.401	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	263083	55.249	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	166110	51.912	ug/l	96
56) Ethyl methacrylate	10.876	69	240998	56.702	ug/l	98
57) 1,3-Dichloropropane	11.165	76	269696	51.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	389513	287.847	ug/l	98
59) 2-Hexanone	11.200	43	641468	270.566	ug/l	100
60) Dibromochloromethane	11.359	129	189331	53.205	ug/l	99
61) 1,2-Dibromoethane	11.470	107	166632	51.459	ug/l	97
64) Tetrachloroethene	11.106	164	161100	51.276	ug/l	97
65) Chlorobenzene	11.894	112	460096	50.207	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	178665	52.636	ug/l	99
67) Ethyl Benzene	11.965	91	832164	53.804	ug/l	100
68) m/p-Xylenes	12.076	106	657562	107.416	ug/l	100
69) o-Xylene	12.400	106	329137	54.331	ug/l	98
70) Styrene	12.412	104	535456	55.590	ug/l	100
71) Bromoform	12.582	173	133898	54.212	ug/l #	99
73) Isopropylbenzene	12.700	105	856661	51.782	ug/l	99
74) N-amyl acetate	12.500	43	250520	51.618	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	235287	46.006	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	172657m	37.414	ug/l	
77) Bromobenzene	12.982	156	204992	48.961	ug/l	98
78) n-propylbenzene	13.041	91	985613	54.016	ug/l	99
79) 2-Chlorotoluene	13.129	91	570414	50.079	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	726605	52.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	69564	54.260	ug/l	98
82) 4-Chlorotoluene	13.129	91	570414	50.079	ug/l	99
83) tert-Butylbenzene	13.441	119	662325	54.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	734615	53.481	ug/l	99
85) sec-Butylbenzene	13.617	105	923999	54.837	ug/l	99
86) p-Isopropyltoluene	13.735	119	796003	56.774	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	394440	51.002	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	390919	49.479	ug/l	99
89) n-Butylbenzene	14.059	91	653815	57.562	ug/l	99
90) Hexachloroethane	14.335	117	138526	55.234	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	386238	50.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41453	45.679	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	198712	52.689	ug/l	99
94) Hexachlorobutadiene	15.506	225	105533	51.288	ug/l	99
95) Naphthalene	15.647	128	550536	44.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	188855	53.577	ug/l	99

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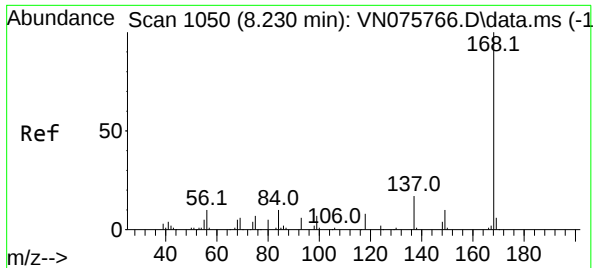
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

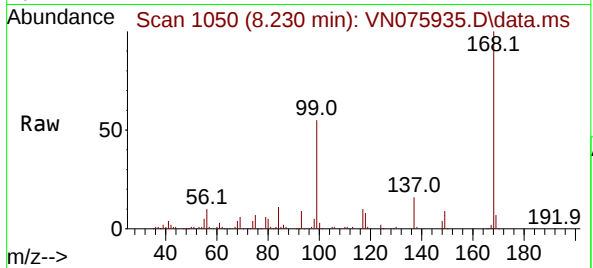
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075935.D
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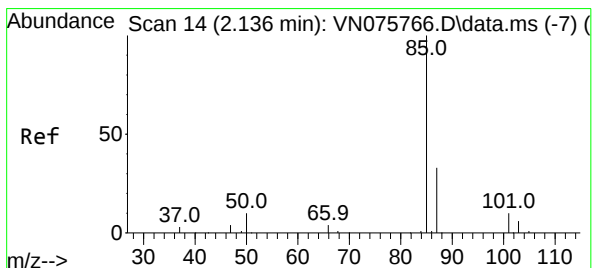
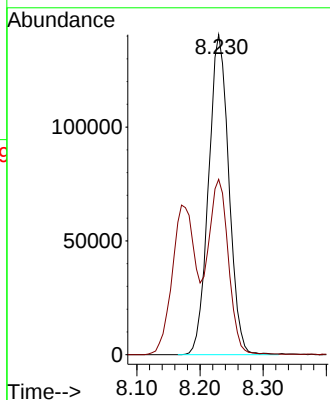
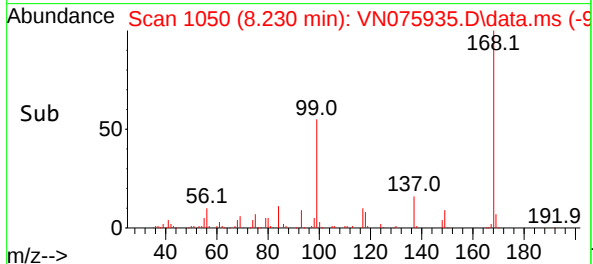
Instrument :
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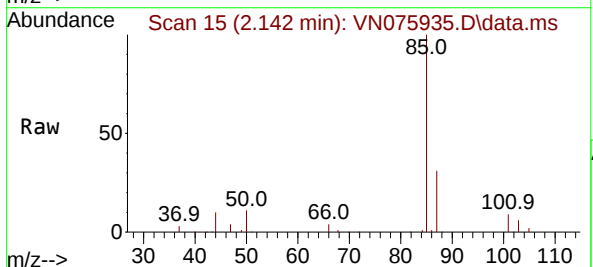
Tgt Ion:168 Resp: 313500
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4

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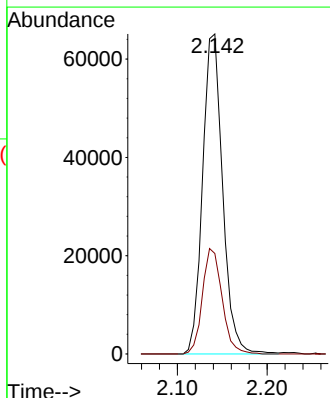
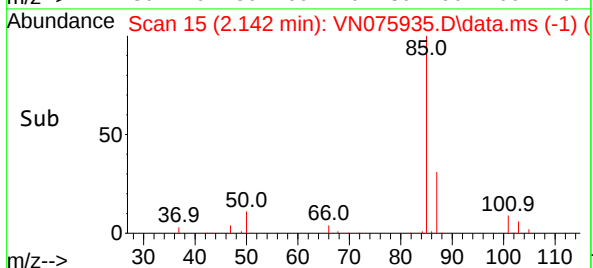
Reviewed By :John Carlone 12/27/2022
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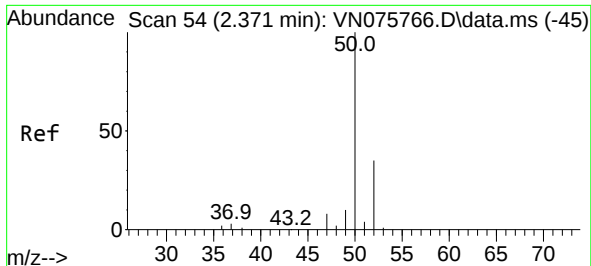


#2
Dichlorodifluoromethane
Concen: 45.328 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



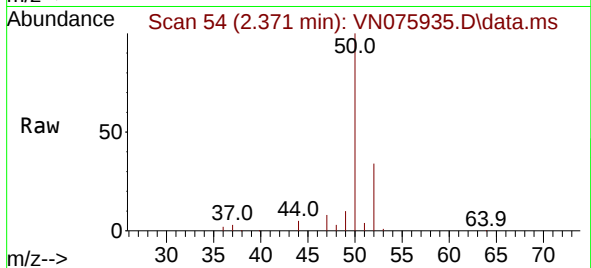
Tgt Ion: 85 Resp: 100900
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 42.230 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

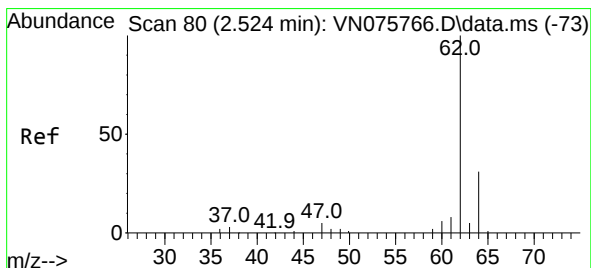
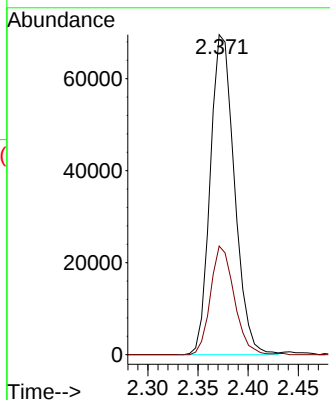
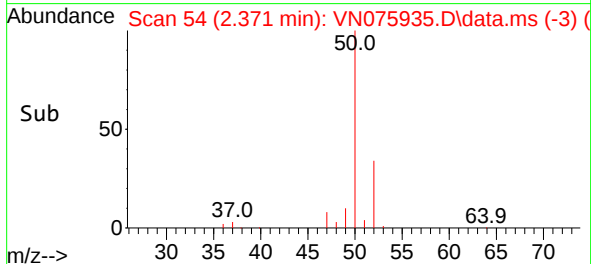
Instrument :
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ClientSampleId :
VSTDCCC050



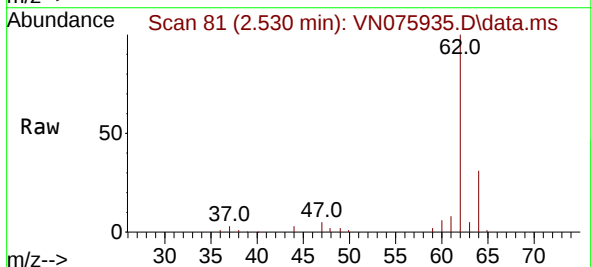
Tgt Ion: 50 Resp: 116892
Ion Ratio Lower Upper
50 100
52 34.0 27.7 41.5

Manual Integrations
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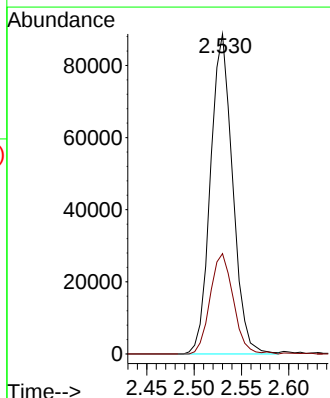
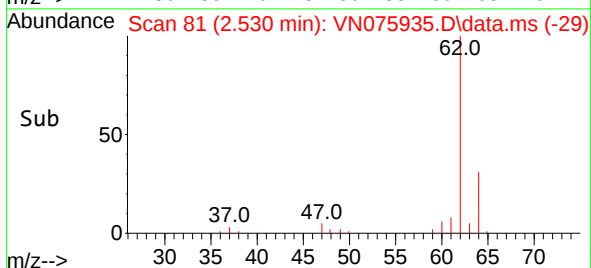
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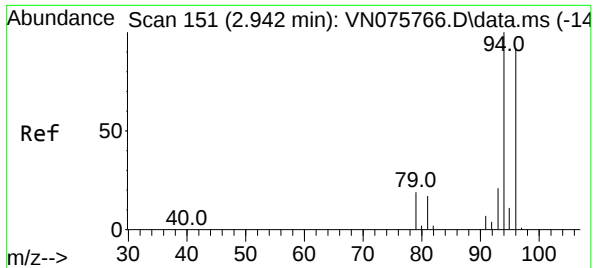


#4
Vinyl Chloride
Concen: 43.694 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion: 62 Resp: 144269
Ion Ratio Lower Upper
62 100
64 31.4 24.9 37.3





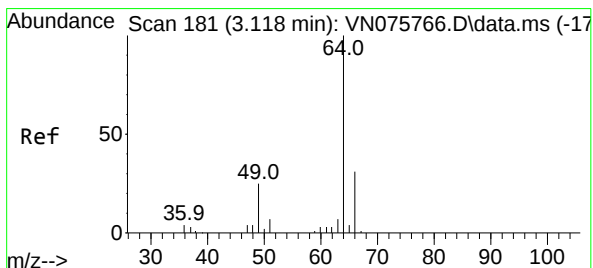
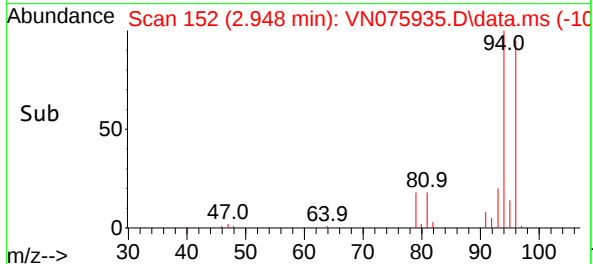
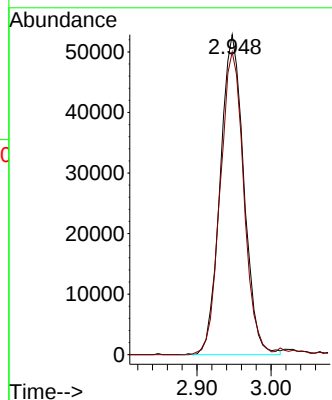
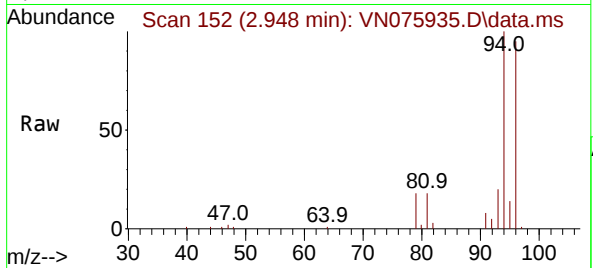
#5
Bromomethane
Concen: 41.755 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075935.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 11716
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.6

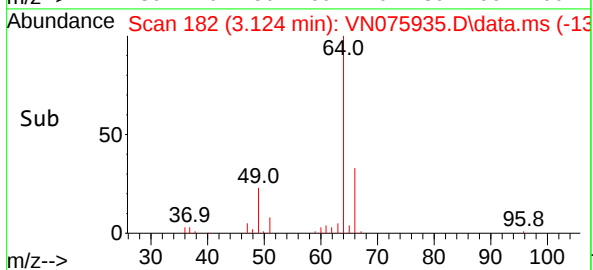
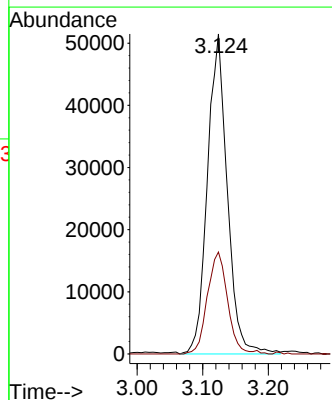
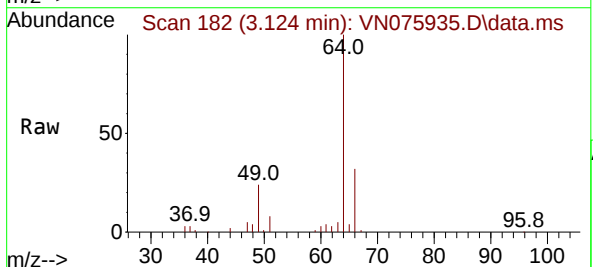
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#6
Chloroethane
Concen: 44.328 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
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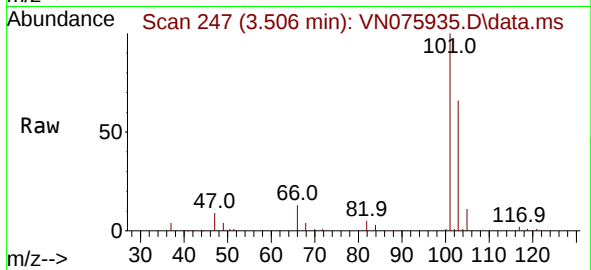
Tgt Ion: 64 Resp: 108386
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 46.761 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075935.D
 Acq: 22 Dec 2022 10:55

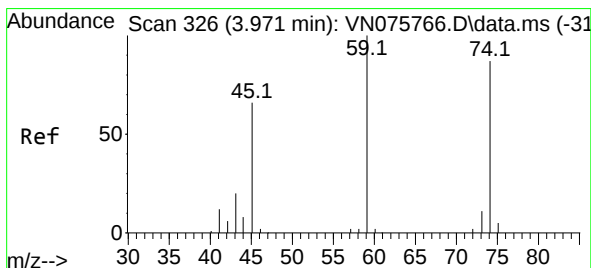
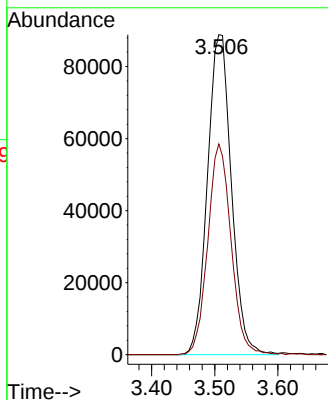
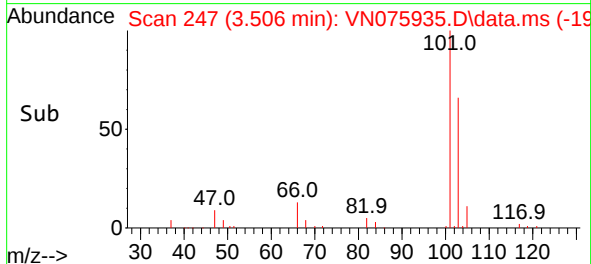
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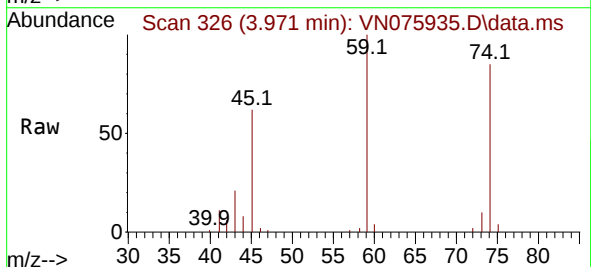
Tgt Ion:101 Resp: 234279
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.4 80.2

Manual Integrations
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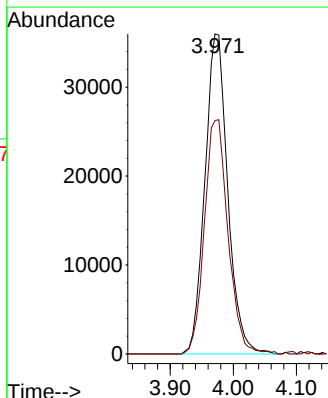
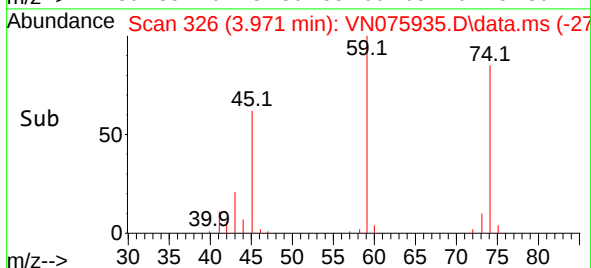
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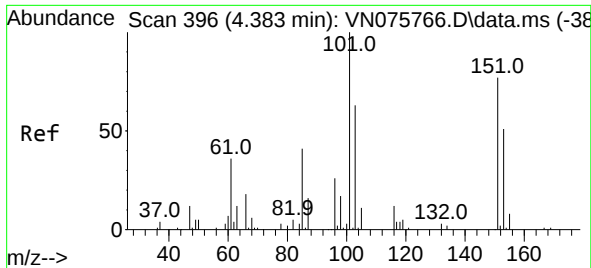


#8
 Diethyl Ether
 Concen: 49.362 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
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 Acq: 22 Dec 2022 10:55



Tgt Ion: 74 Resp: 90328
 Ion Ratio Lower Upper
 74 100
 45 75.8 37.8 113.4





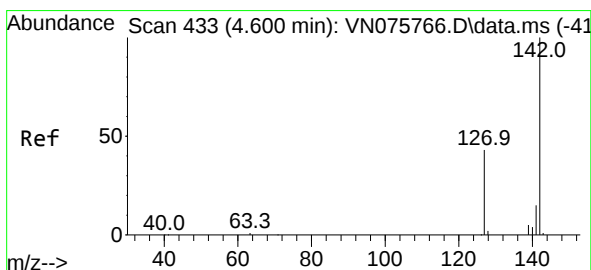
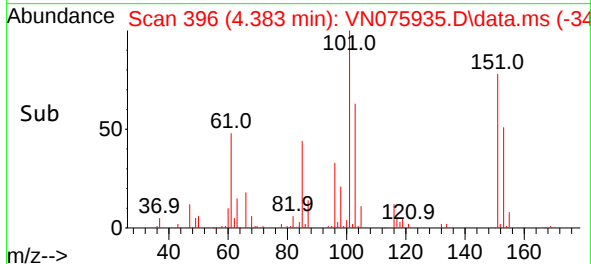
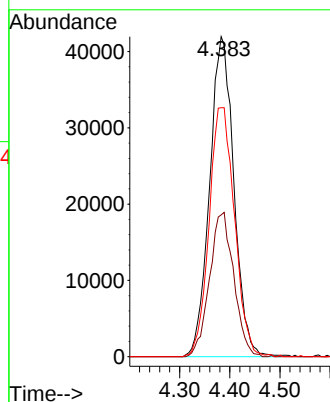
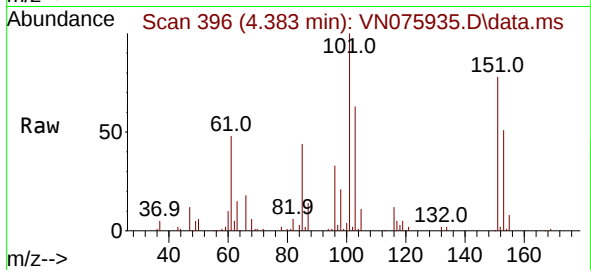
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.239 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 140860
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 81.8 65.6 98.4

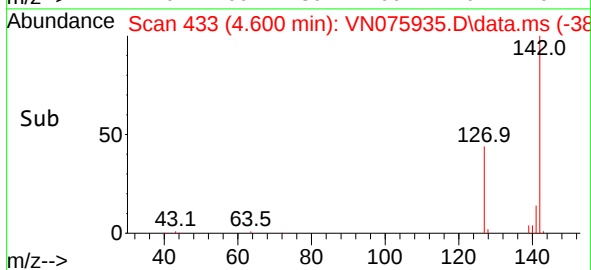
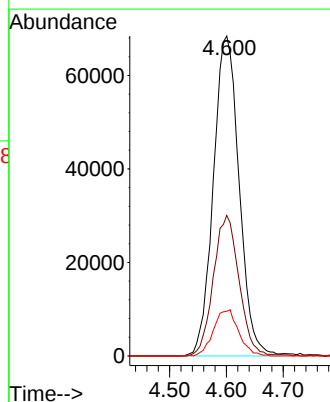
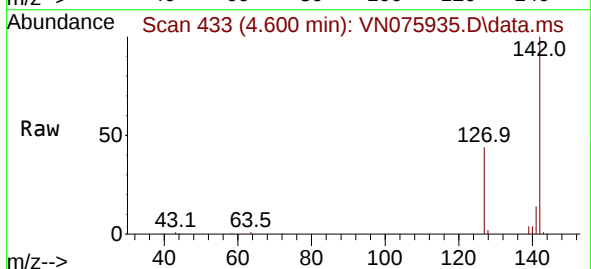
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#10
Methyl Iodide
Concen: 46.412 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion:142 Resp: 215488
Ion Ratio Lower Upper
142 100
127 43.6 34.7 52.1
141 14.1 11.4 17.2





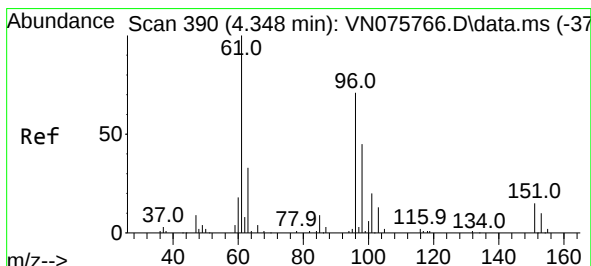
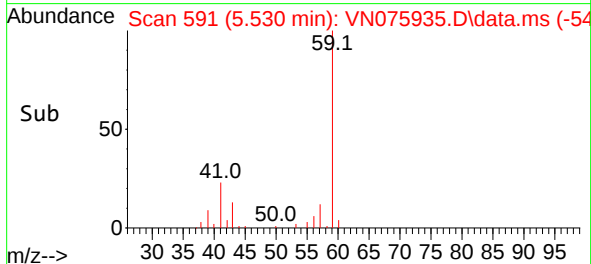
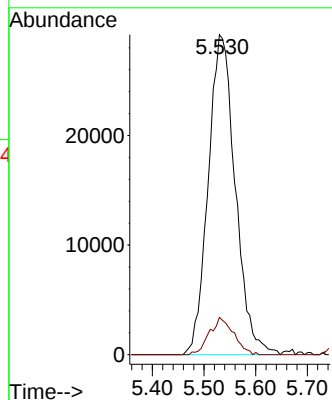
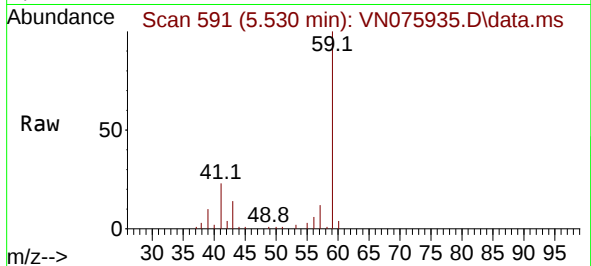
#11
Tert butyl alcohol
Concen: 220.268 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 106302
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

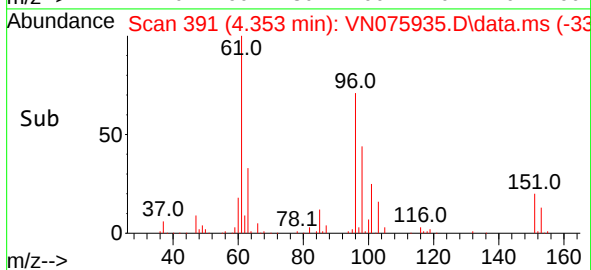
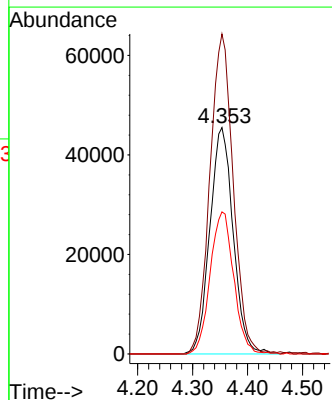
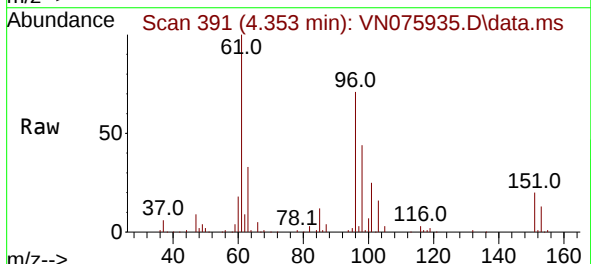
Manual Integrations
APPROVED

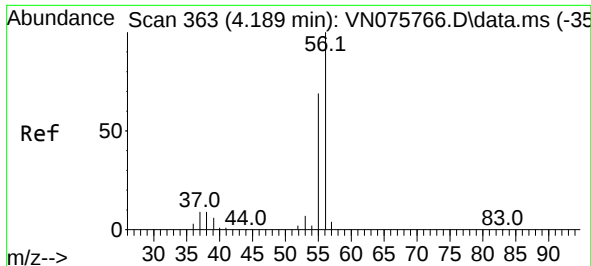
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#12
1,1-Dichloroethene
Concen: 48.215 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

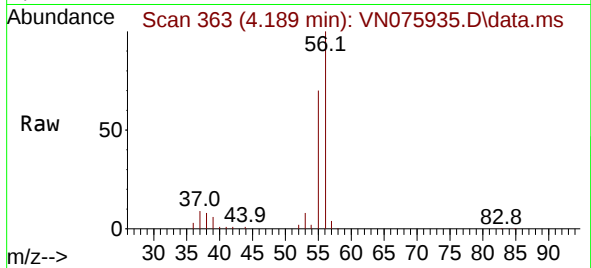
Tgt Ion: 96 Resp: 133969
Ion Ratio Lower Upper
96 100
61 141.3 113.3 169.9
98 62.7 50.9 76.3





#13
Acrolein
Concen: 273.382 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

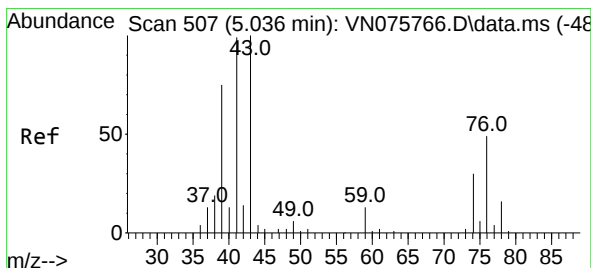
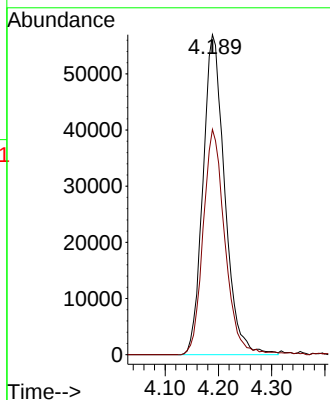
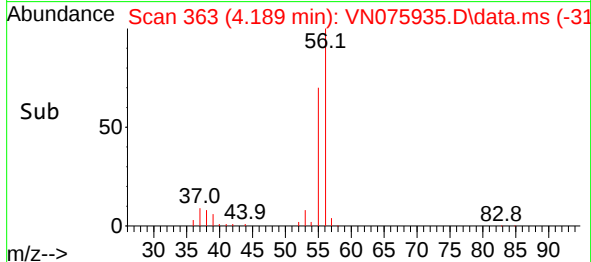
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 161748
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

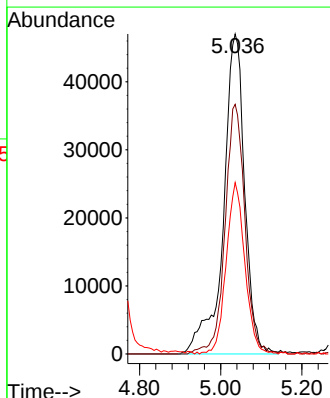
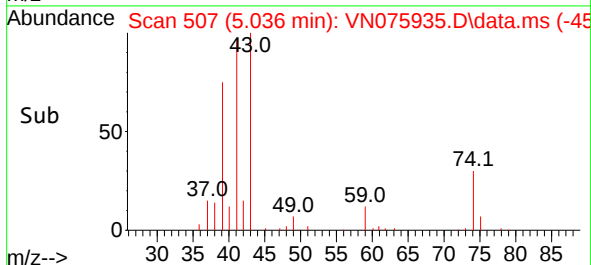
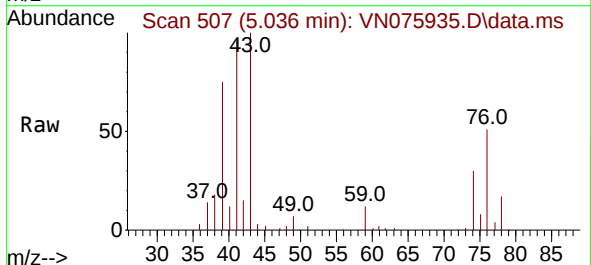
Manual Integrations
APPROVED

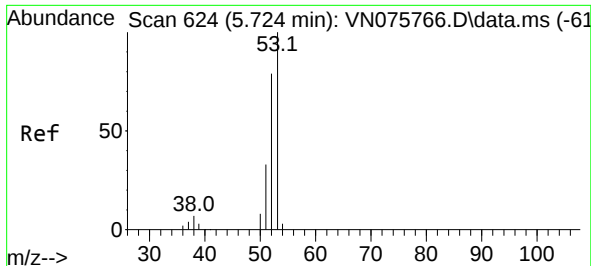
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#14
Allyl chloride
Concen: 52.916 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

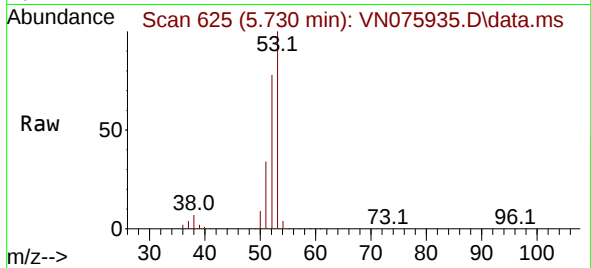
Tgt Ion: 41 Resp: 171877
Ion Ratio Lower Upper
41 100
39 72.5 58.3 87.5
76 46.8 35.8 53.6





#15
Acrylonitrile
Concen: 237.086 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

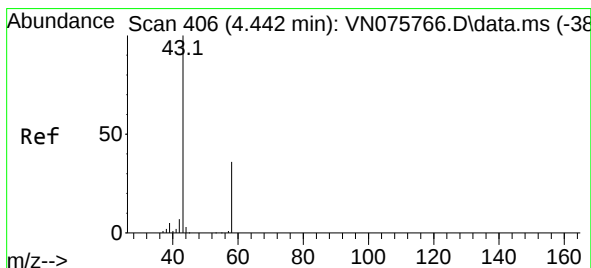
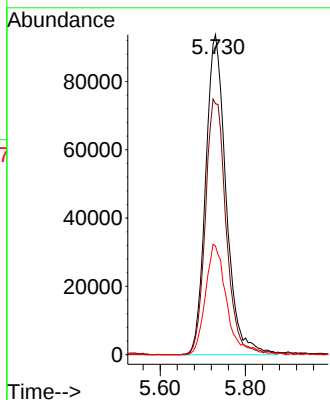
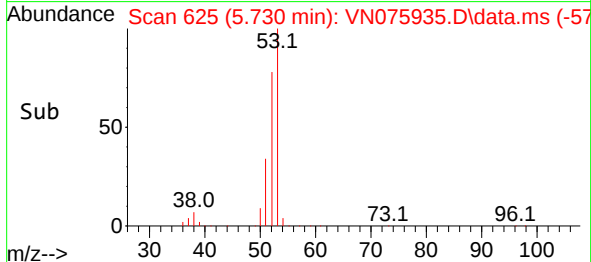
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



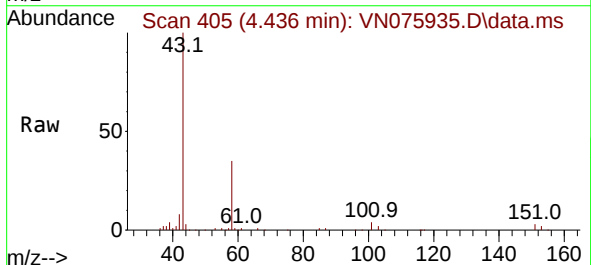
Tgt Ion: 53 Resp: 31224
Ion Ratio Lower Upper
53 100
52 80.5 65.4 98.0
51 35.9 28.9 43.3

Manual Integrations
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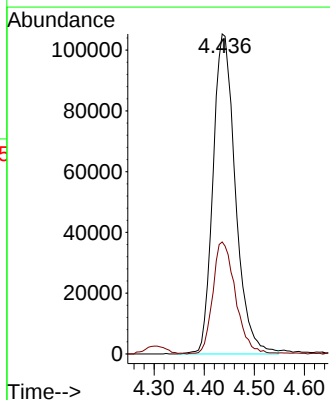
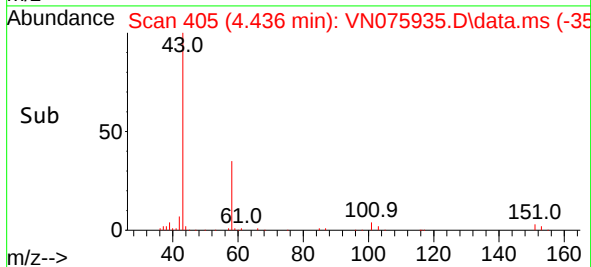
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

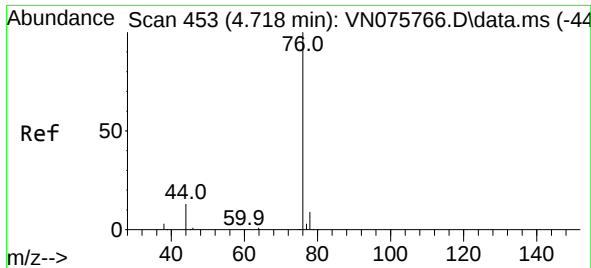


#16
Acetone
Concen: 278.371 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion: 43 Resp: 327286
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0





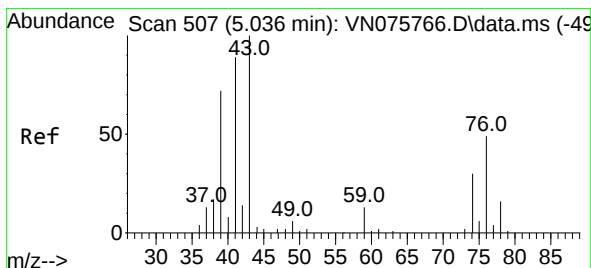
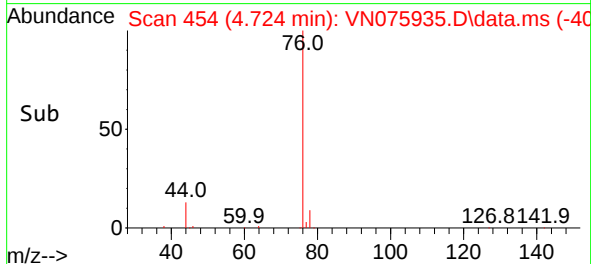
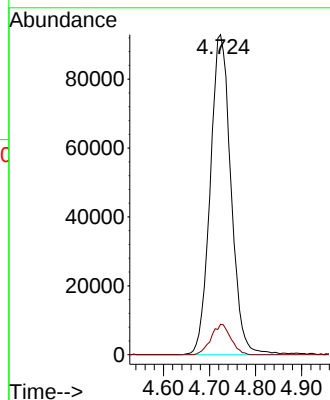
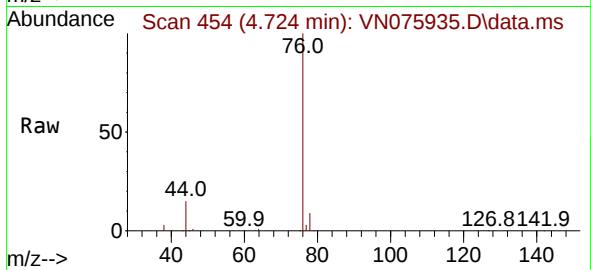
#17
Carbon Disulfide
Concen: 43.167 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29040
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

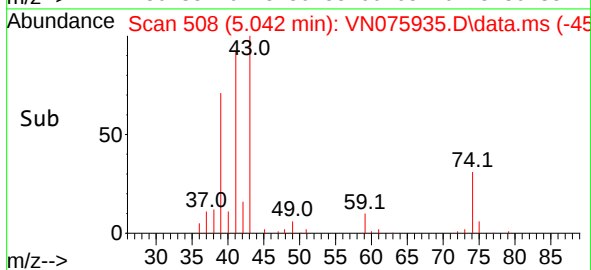
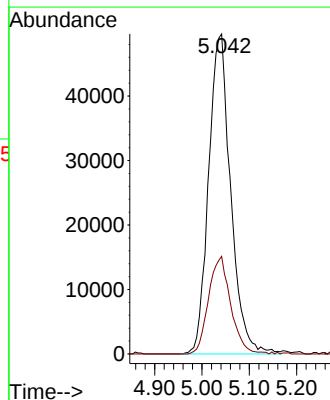
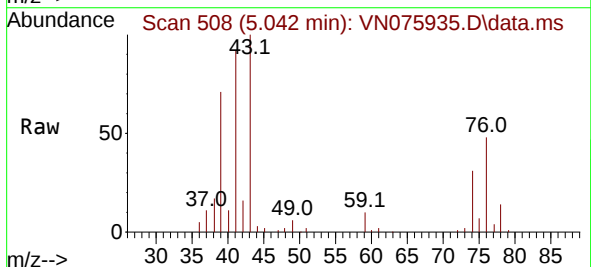
Manual Integrations
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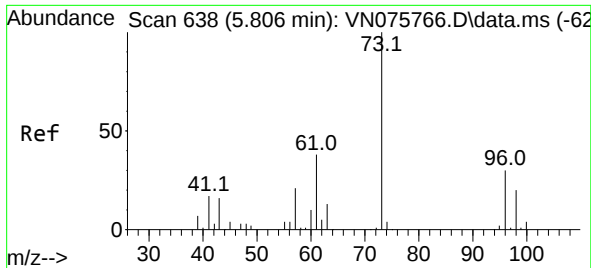
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#18
Methyl Acetate
Concen: 46.235 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 43 Resp: 160681
Ion Ratio Lower Upper
43 100
74 30.5 23.6 35.4





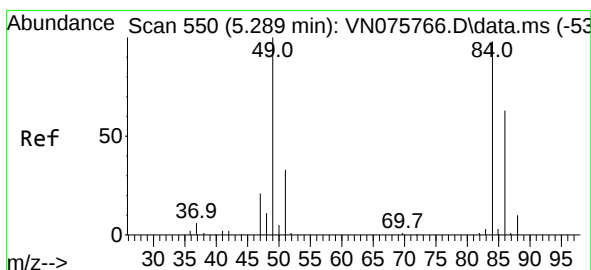
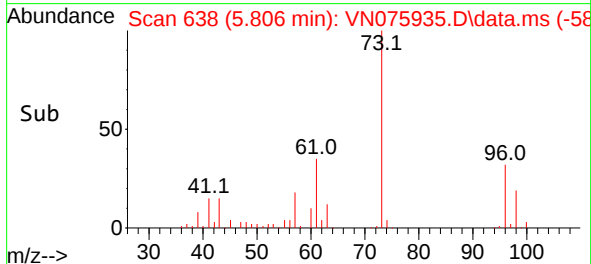
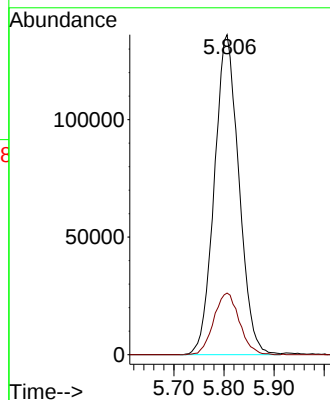
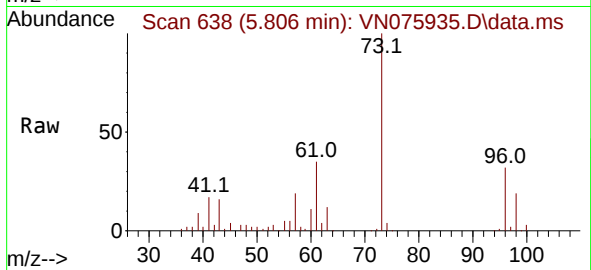
#19
Methyl tert-butyl Ether
Concen: 50.607 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 46305
Ion Ratio Lower Upper
73 100
57 19.3 17.1 25.7

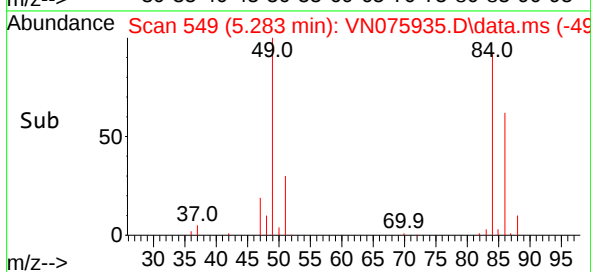
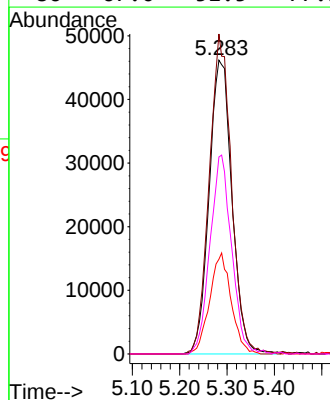
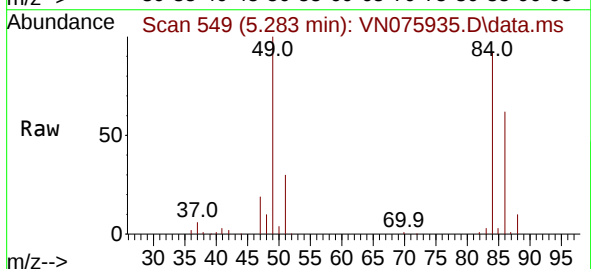
Manual Integrations
APPROVED

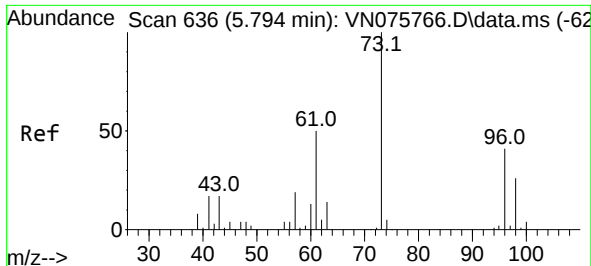
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#20
Methylene Chloride
Concen: 49.121 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 84 Resp: 154528
Ion Ratio Lower Upper
84 100
49 108.9 81.8 122.6
51 32.3 26.7 40.1
86 67.0 51.5 77.3





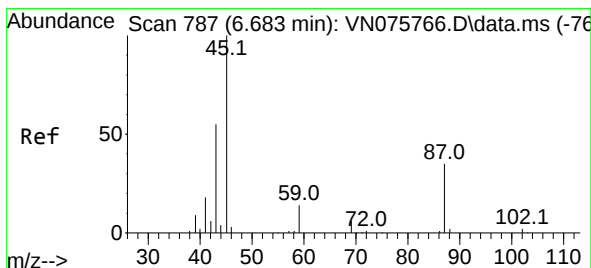
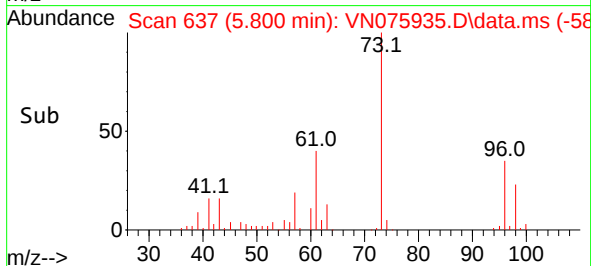
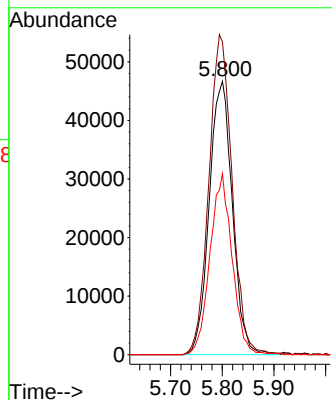
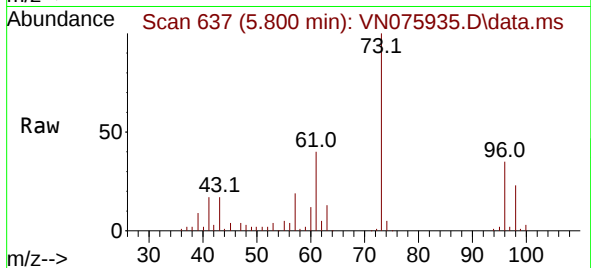
#21
trans-1,2-Dichloroethene
Concen: 47.817 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 145500
Ion Ratio Lower Upper
96 100
61 114.4 98.1 147.1
98 66.2 51.4 77.2

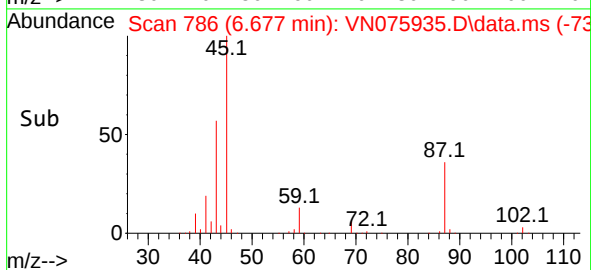
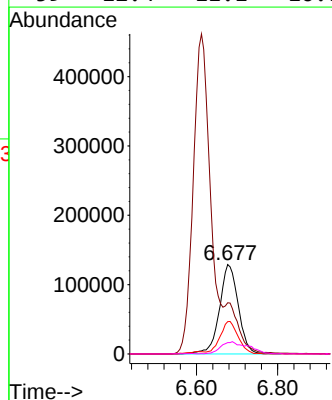
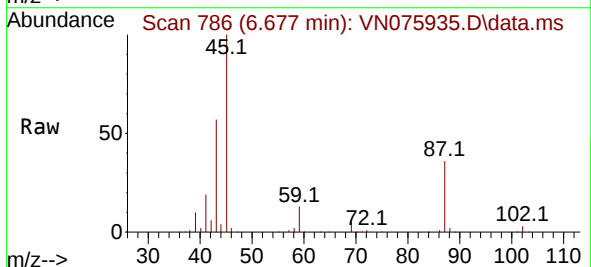
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#22
Diisopropyl ether
Concen: 52.607 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 45 Resp: 415093
Ion Ratio Lower Upper
45 100
43 56.4 44.2 66.4
87 36.0 28.3 42.5
59 12.4 11.1 16.7





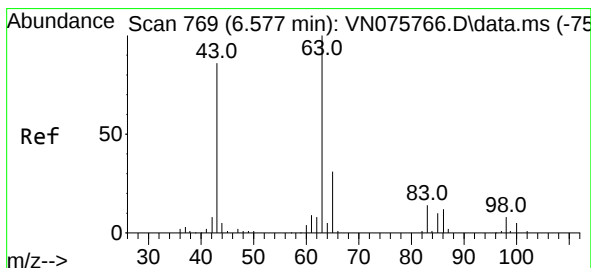
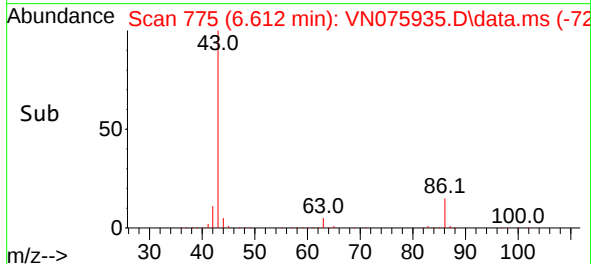
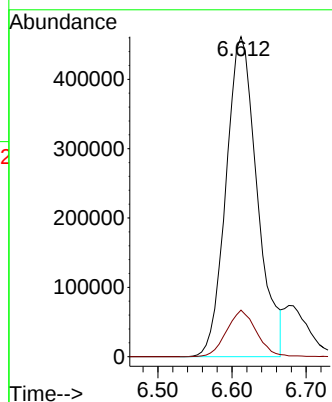
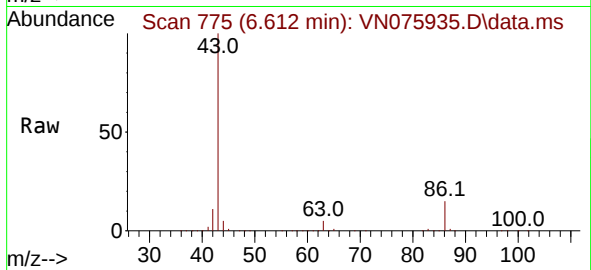
#23
 Vinyl Acetate
 Concen: 254.226 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075935.D
 Acq: 22 Dec 2022 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1350174
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.4 17.2

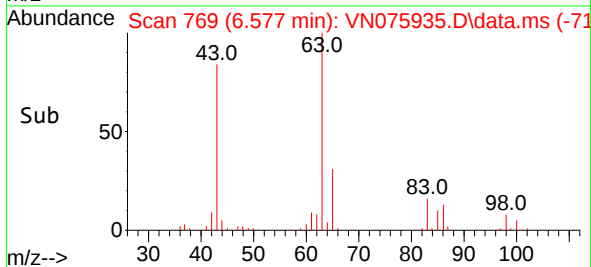
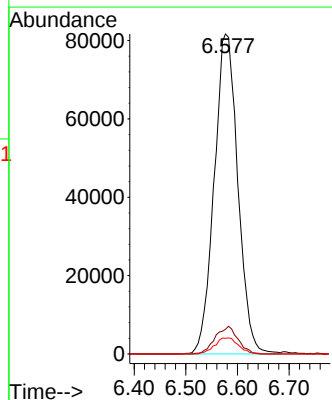
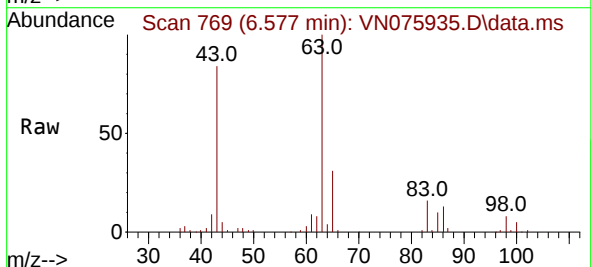
Manual Integrations
 APPROVED

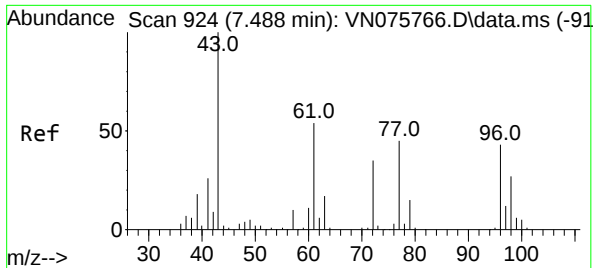
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 49.337 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075935.D
 Acq: 22 Dec 2022 10:55

Tgt Ion: 63 Resp: 259628
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.9 2.5 7.6





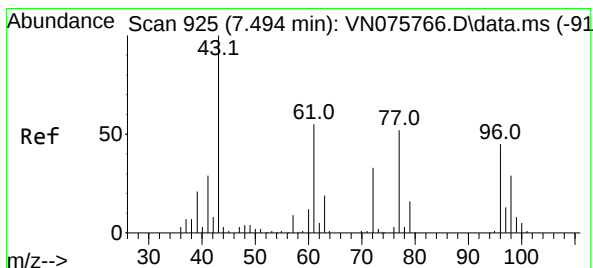
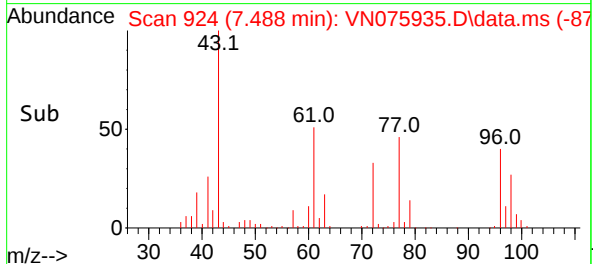
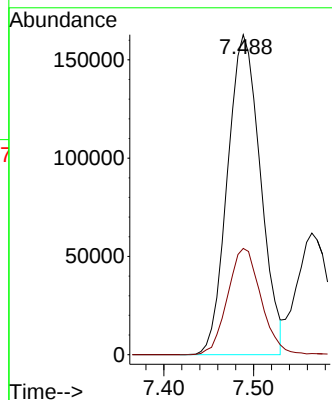
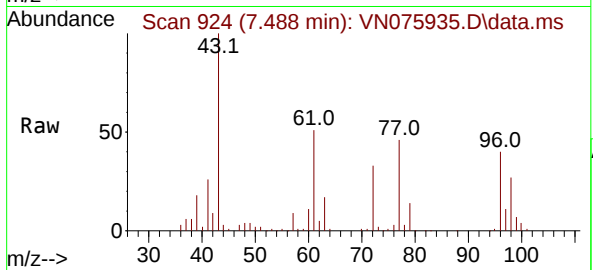
#25
2-Butanone
Concen: 252.625 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 415870
Ion Ratio Lower Upper
43 100
72 33.2 28.0 42.0

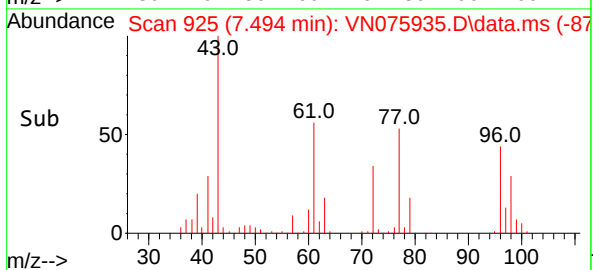
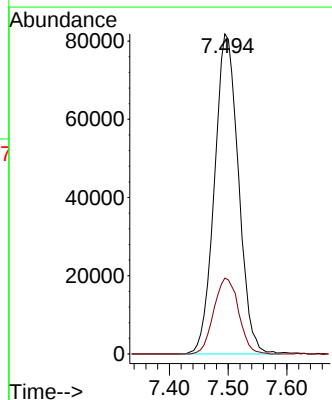
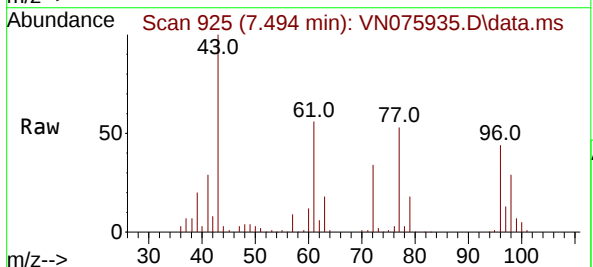
Manual Integrations
APPROVED

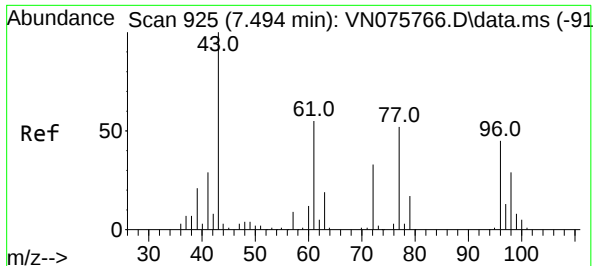
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#26
2,2-Dichloropropane
Concen: 52.048 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 77 Resp: 231948
Ion Ratio Lower Upper
77 100
97 24.4 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 48.852 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 17778

Ion Ratio Lower Upper

96 100

61 129.6 0.0 247.8

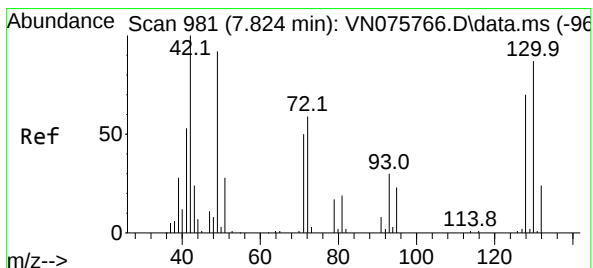
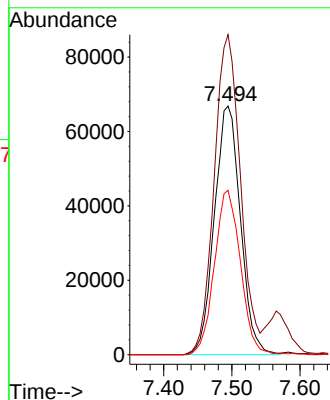
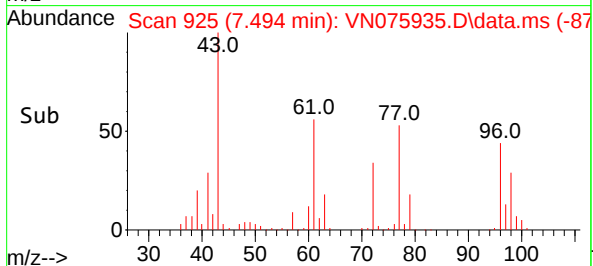
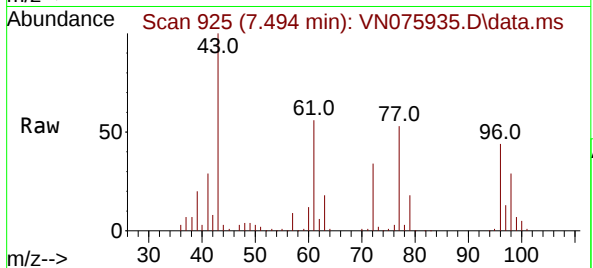
98 66.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#28

Bromochloromethane

Concen: 49.123 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

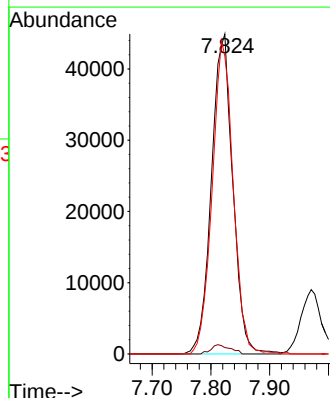
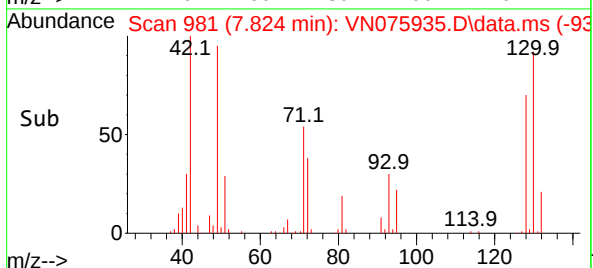
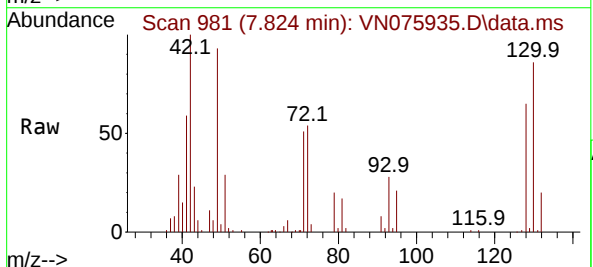
Tgt Ion: 49 Resp: 113301

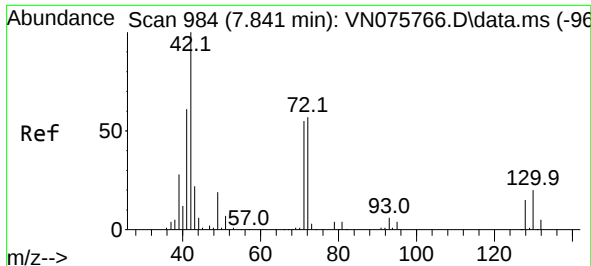
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 96.1 77.0 115.4





#29

Tetrahydrofuran

Concen: 244.265 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 251994

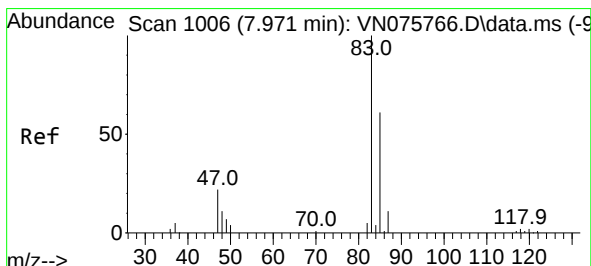
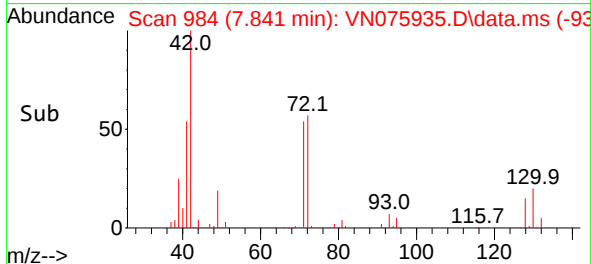
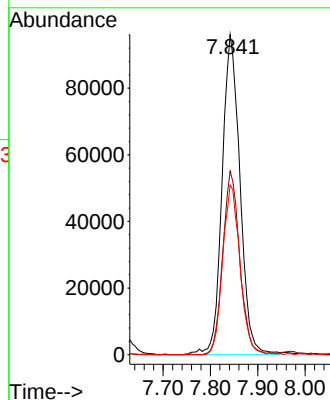
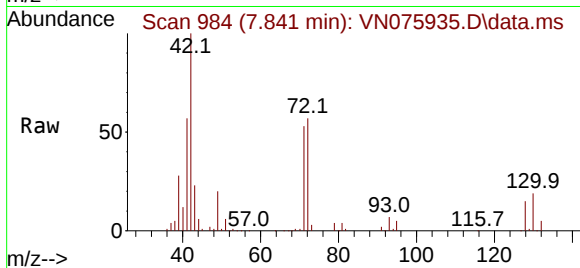
Ion	Ratio	Lower	Upper
42	100		
72	54.7	44.5	66.7
71	51.6	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#30

Chloroform

Concen: 49.132 ug/l

RT: 7.971 min Scan# 1006

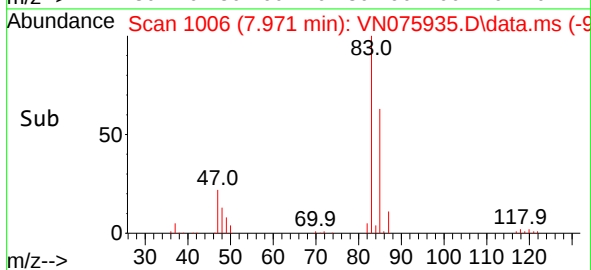
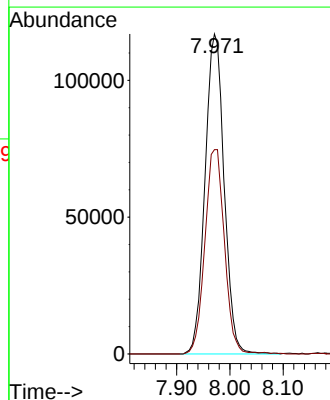
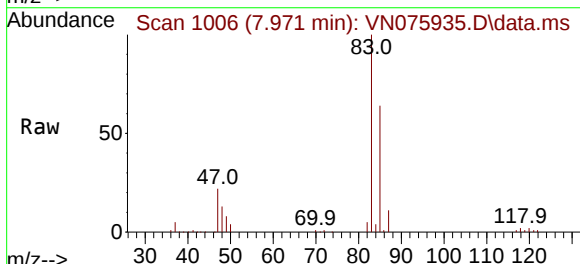
Delta R.T. -0.000 min

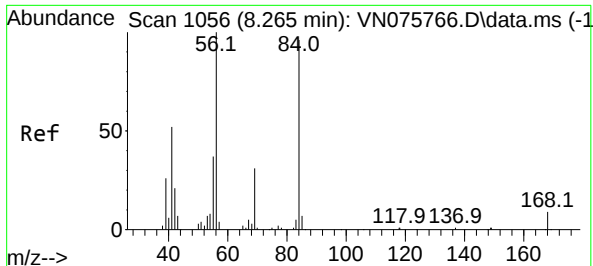
Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Tgt Ion: 83 Resp: 291103

Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.1	73.7





#31

Cyclohexane

Concen: 44.734 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 21851

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

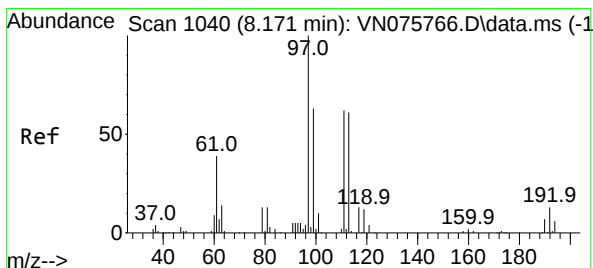
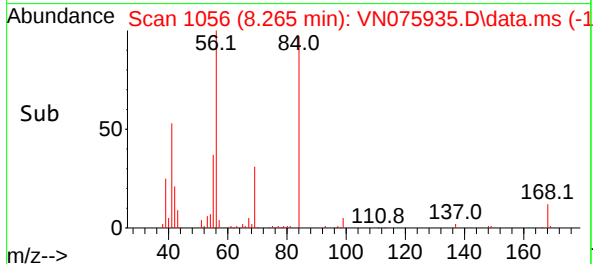
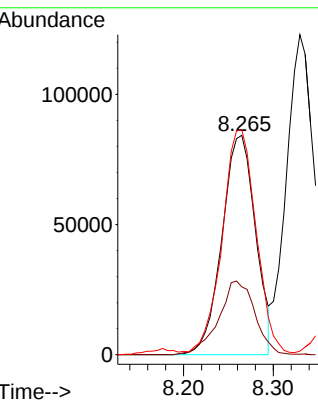
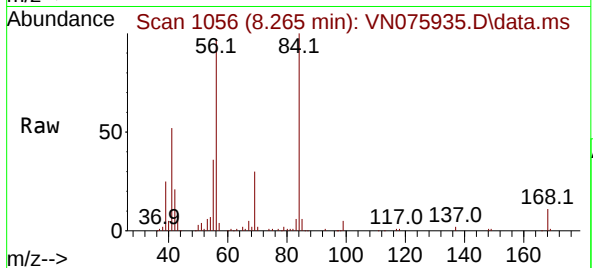
84 100.7 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#32

1,1,1-Trichloroethane

Concen: 50.161 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

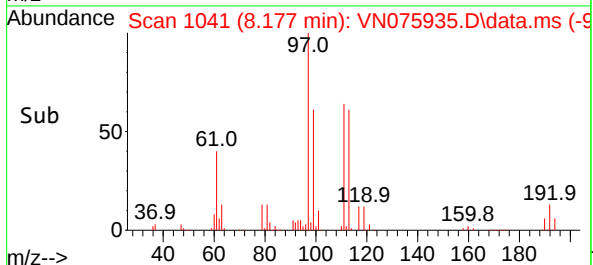
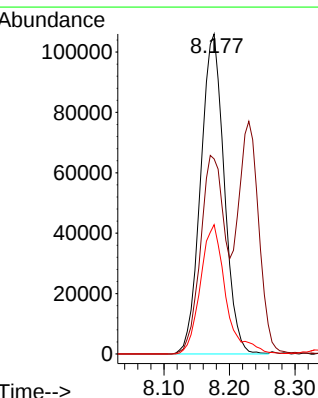
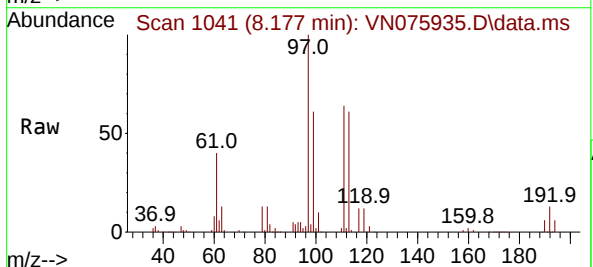
Tgt Ion: 97 Resp: 263486

Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.2

61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.453 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 178900

Ion Ratio Lower Upper

65 100

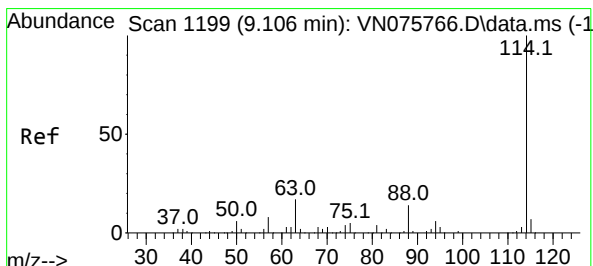
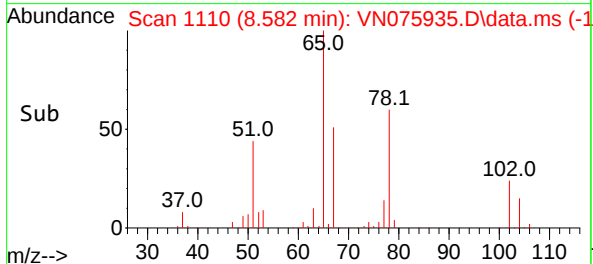
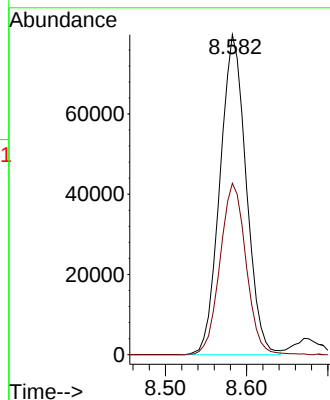
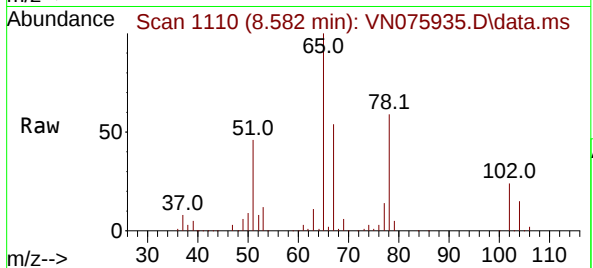
67 53.2 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

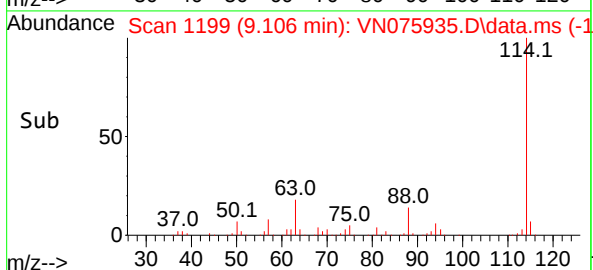
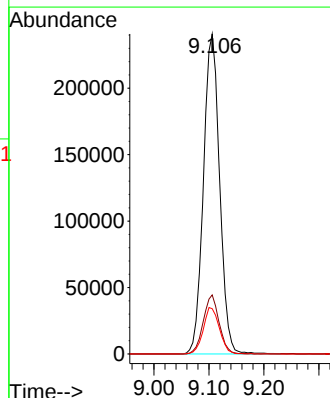
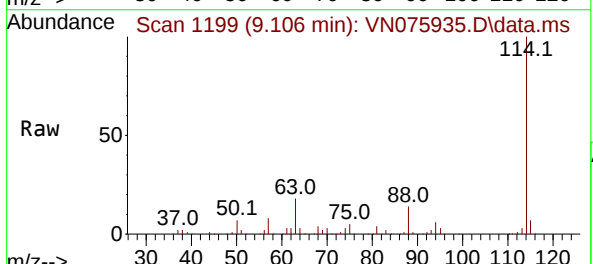
Tgt Ion:114 Resp: 493165

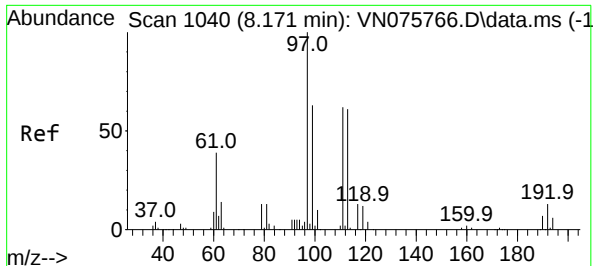
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.141 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16535

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

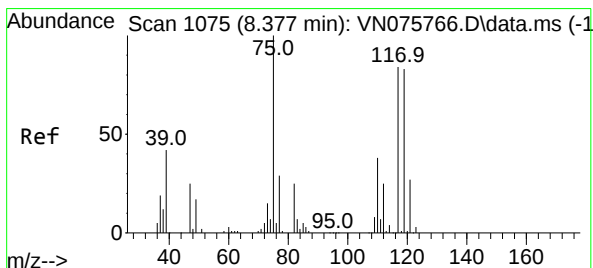
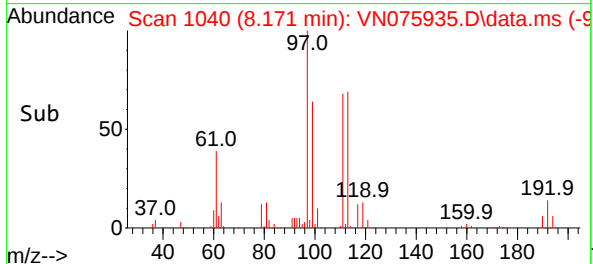
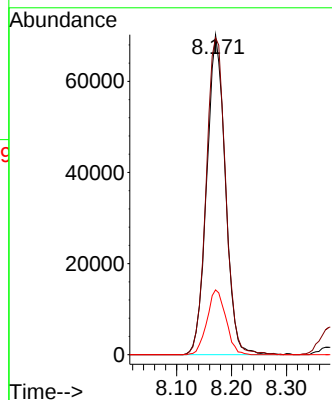
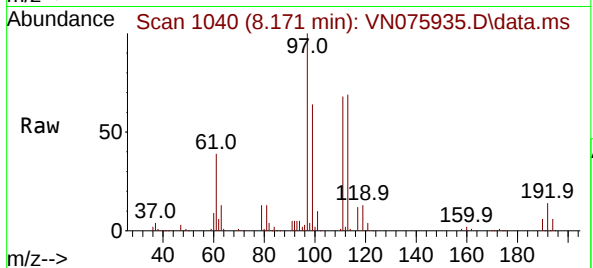
192 20.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#36

1,1-Dichloropropene

Concen: 51.174 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

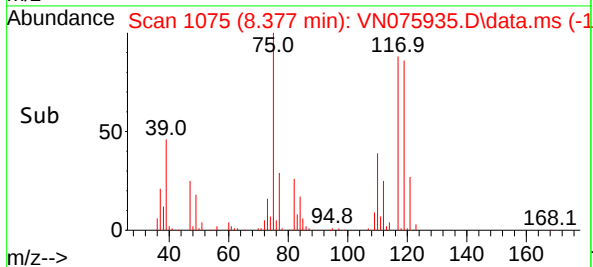
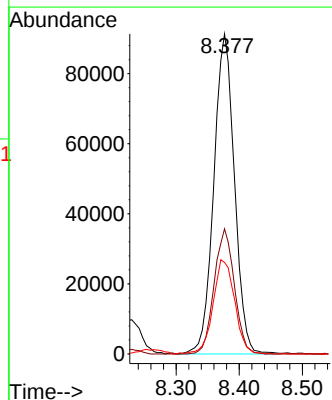
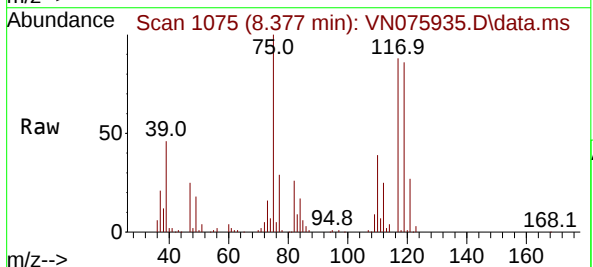
Tgt Ion: 75 Resp: 207617

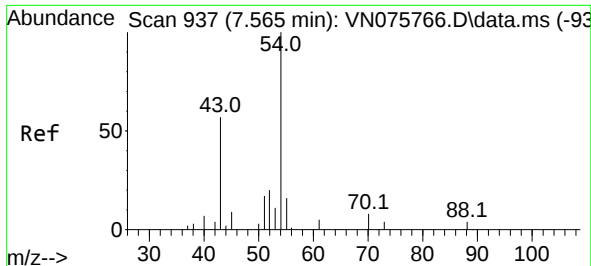
Ion Ratio Lower Upper

75 100

110 38.2 18.8 56.4

77 30.8 24.1 36.1





#37

Ethyl Acetate

Concen: 47.160 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15368

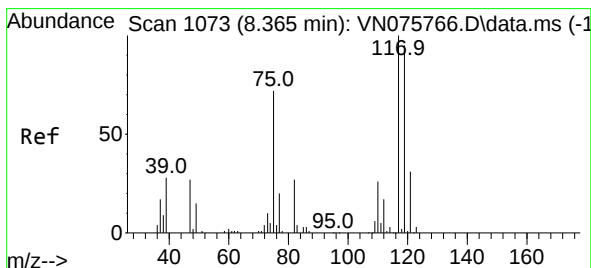
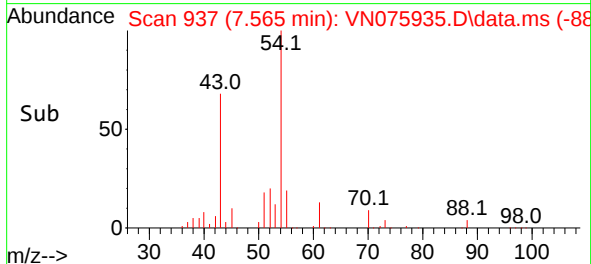
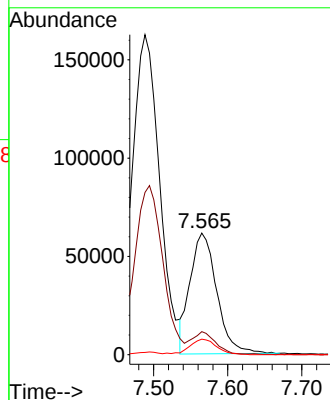
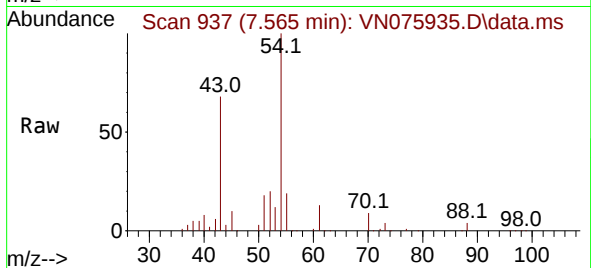
Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.0	19.4
70	13.1	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#38

Carbon Tetrachloride

Concen: 51.568 ug/l

RT: 8.365 min Scan# 1073

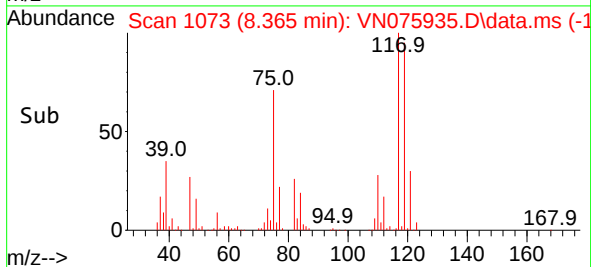
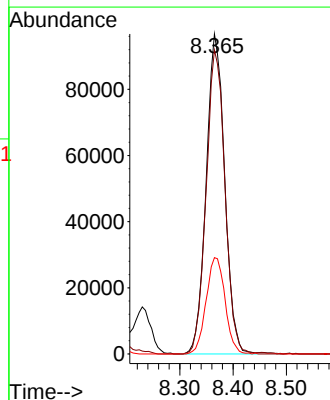
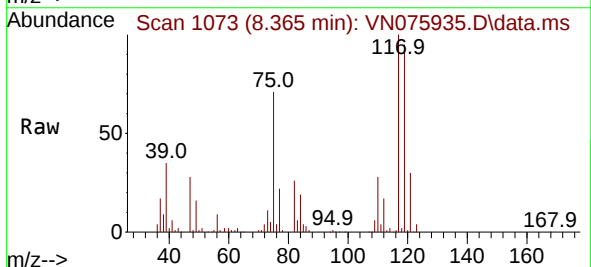
Delta R.T. -0.000 min

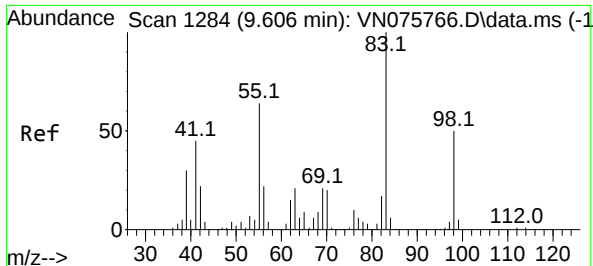
Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Tgt Ion:117 Resp: 234158

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.1	114.1
121	30.1	24.5	36.7





#39

Methylcyclohexane

Concen: 53.958 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 26410

Ion Ratio Lower Upper

83 100

55 63.8 51.4 77.0

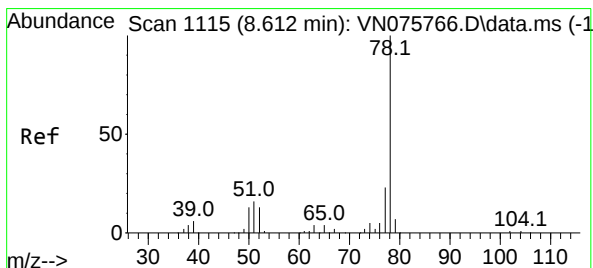
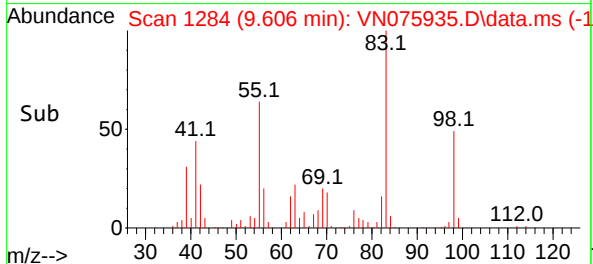
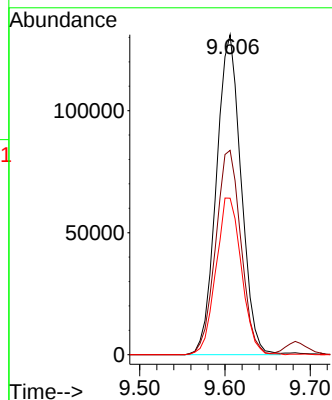
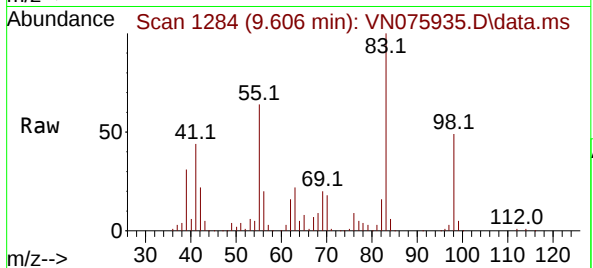
98 48.9 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#40

Benzene

Concen: 50.149 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075935.D

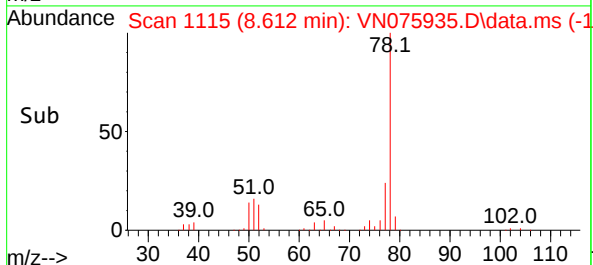
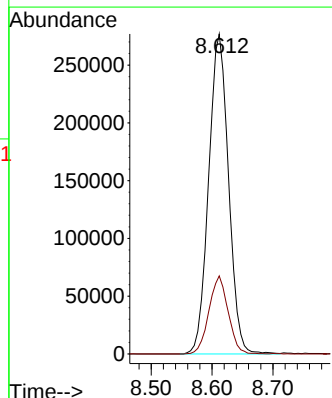
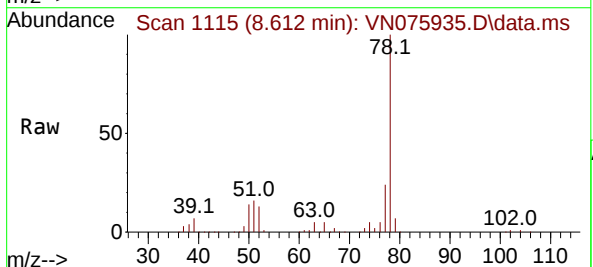
Acq: 22 Dec 2022 10:55

Tgt Ion: 78 Resp: 627734

Ion Ratio Lower Upper

78 100

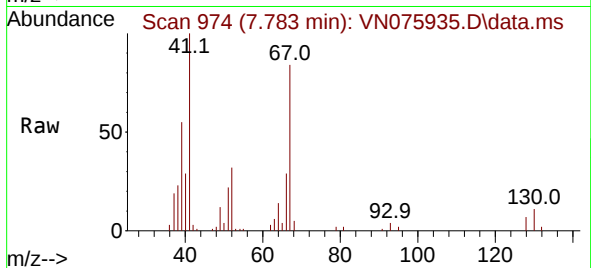
77 24.4 18.5 27.7





#41
Methacrylonitrile
Concen: 52.484 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

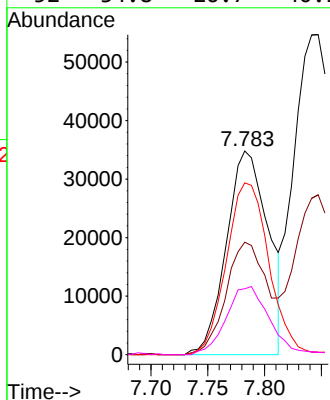
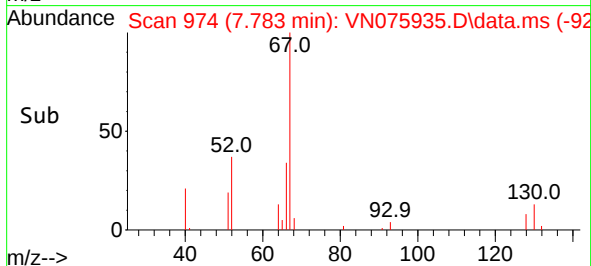
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



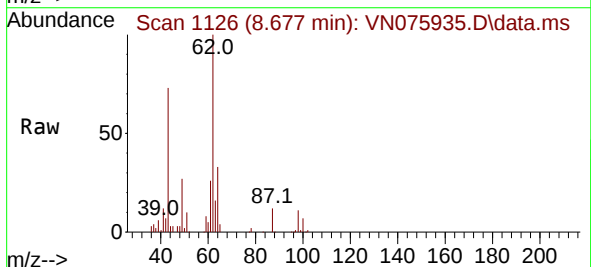
Tgt Ion: 41 Resp: 8890
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 86.6 70.7 106.1
52 34.8 26.7 40.1

Manual Integrations
APPROVED

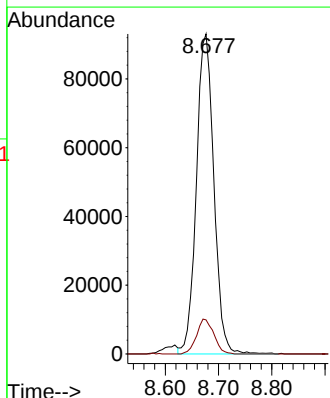
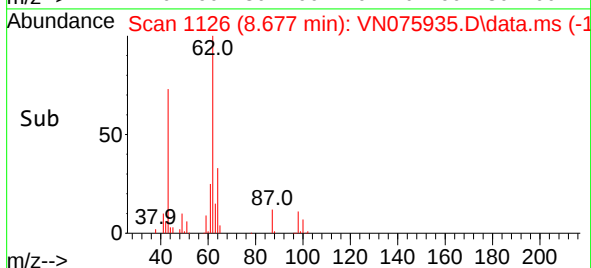
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

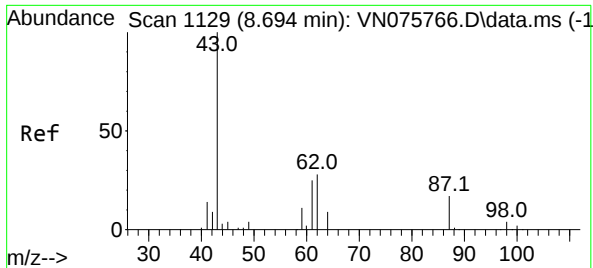


#42
1,2-Dichloroethane
Concen: 50.960 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion: 62 Resp: 212071
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





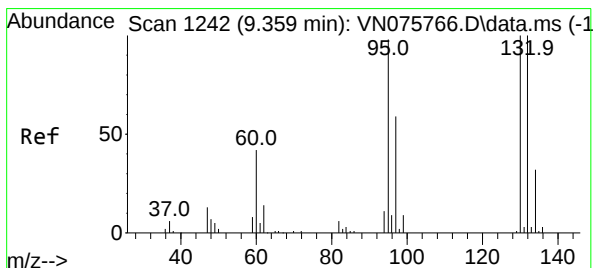
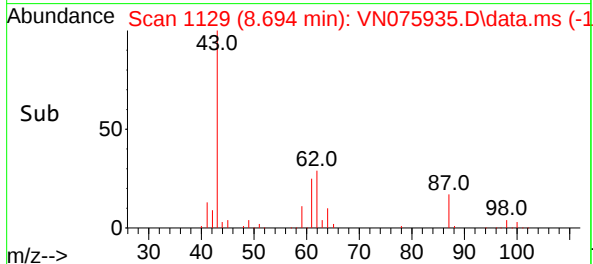
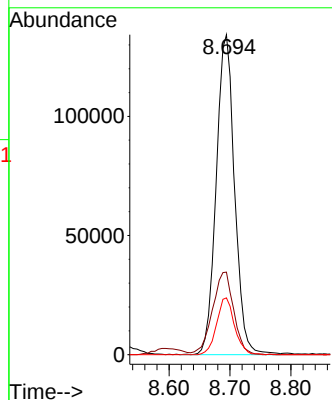
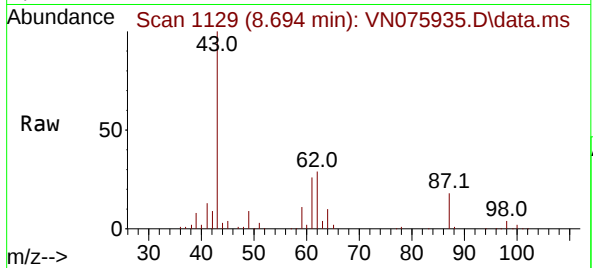
#43
Isopropyl Acetate
Concen: 52.281 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28104
Ion Ratio Lower Upper
43 100
61 29.9 24.2 36.4
87 17.3 13.3 19.9

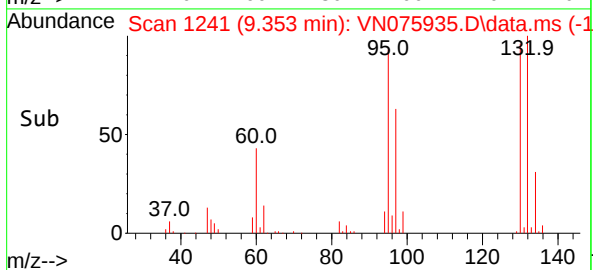
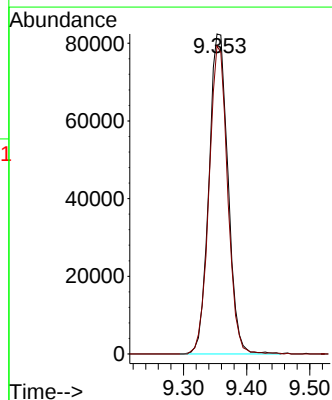
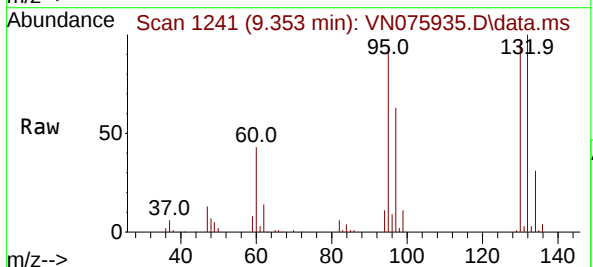
Manual Integrations
APPROVED

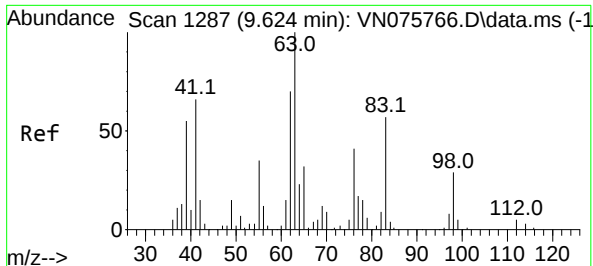
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#44
Trichloroethene
Concen: 48.932 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion:130 Resp: 172553
Ion Ratio Lower Upper
130 100
95 96.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.787 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 154700

Ion Ratio Lower Upper

63 100

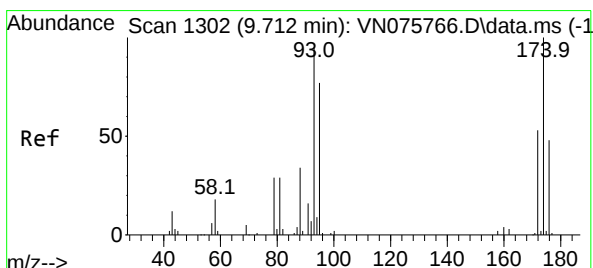
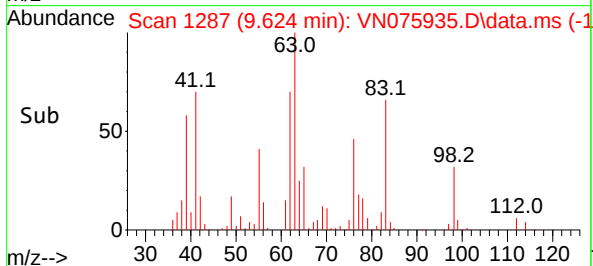
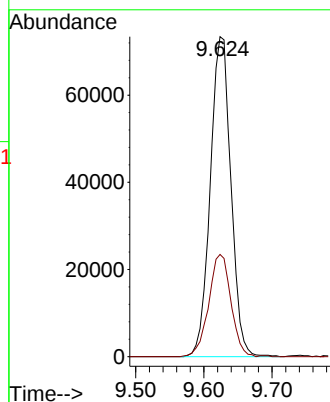
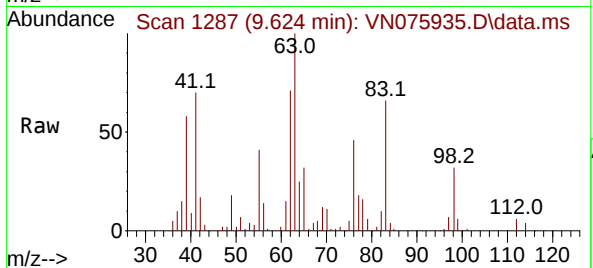
65 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

Dibromomethane

Concen: 50.433 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

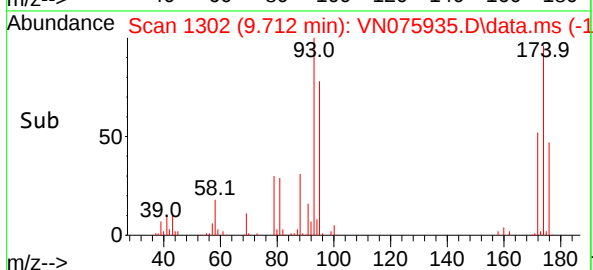
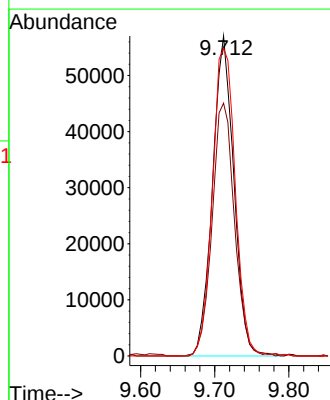
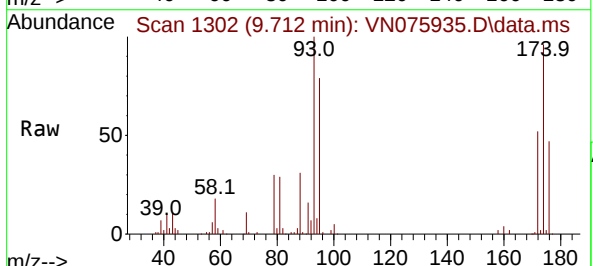
Tgt Ion: 93 Resp: 113942

Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 103.2 82.4 123.6





#47

Bromodichloromethane

Concen: 52.188 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

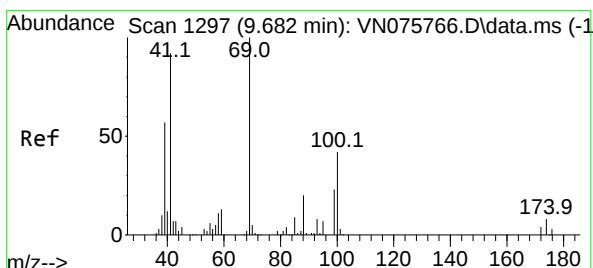
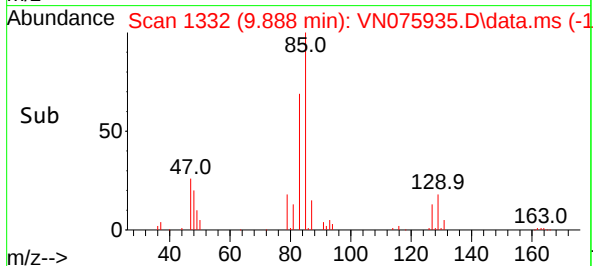
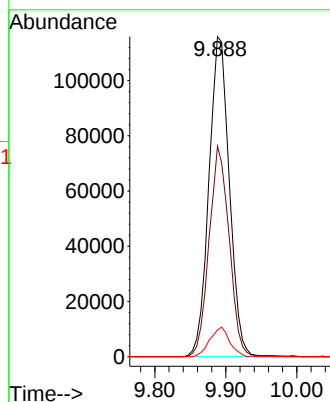
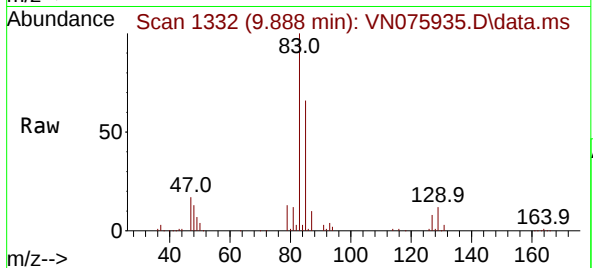
Tgt Ion:	83	Resp:	231218
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.5	77.3
127	8.3	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#48

Methyl methacrylate

Concen: 52.838 ug/l

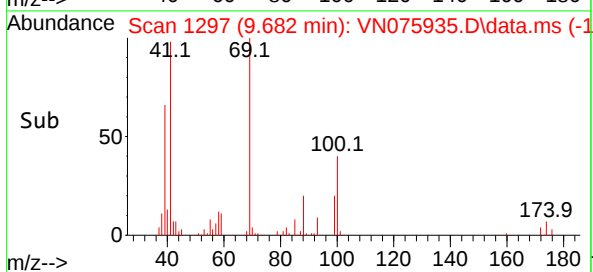
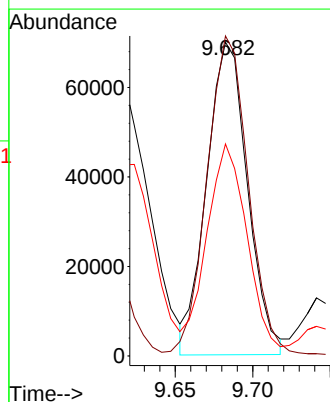
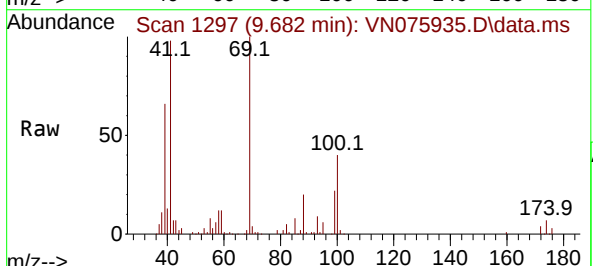
RT: 9.682 min Scan# 1297

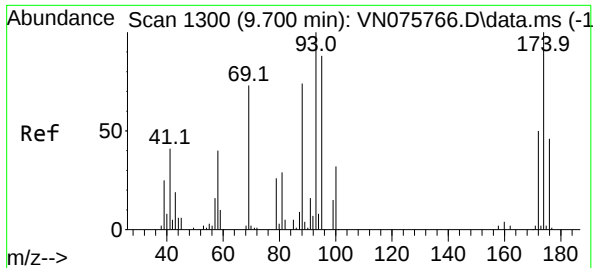
Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Tgt Ion:	41	Resp:	127929
Ion	Ratio	Lower	Upper
41	100		
69	104.1	81.9	122.9
39	67.3	51.6	77.4





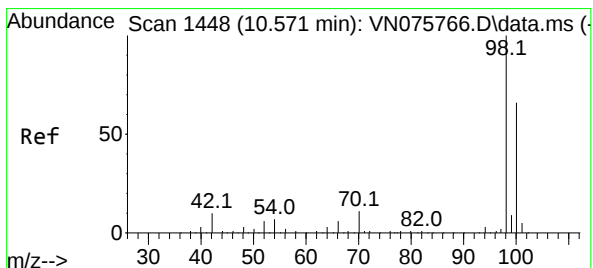
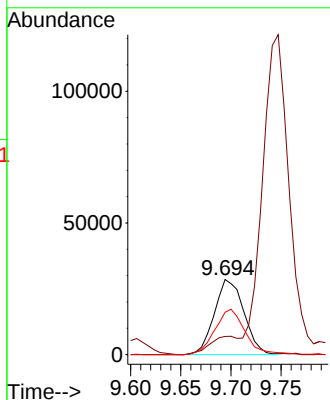
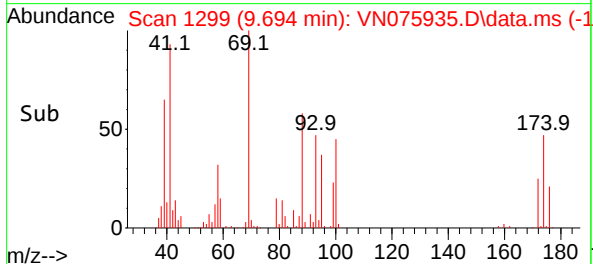
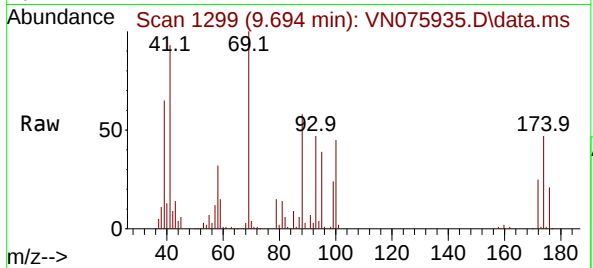
#49
1,4-Dioxane
Concen: 983.006 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 5851
Ion Ratio Lower Upper
88 100
43 22.8 17.1 25.7
58 62.4 47.8 71.8

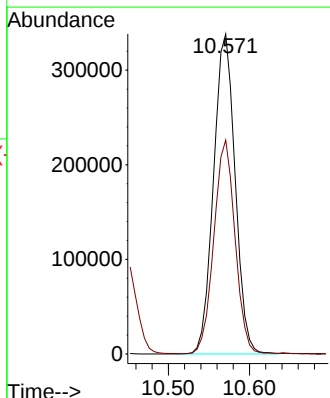
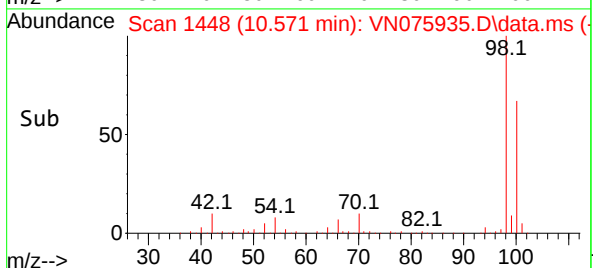
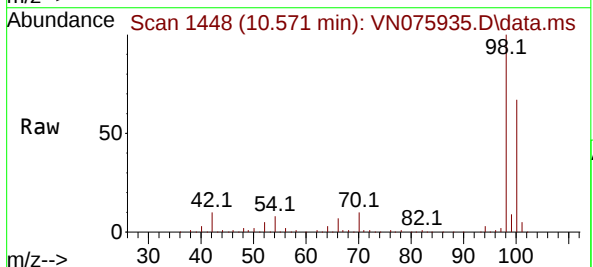
Manual Integrations
APPROVED

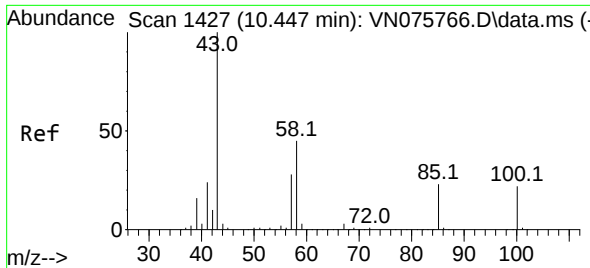
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#50
Toluene-d8
Concen: 54.763 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 98 Resp: 625341
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1





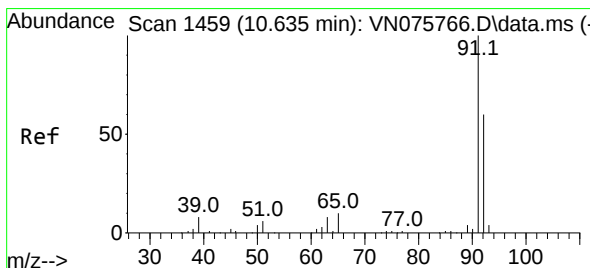
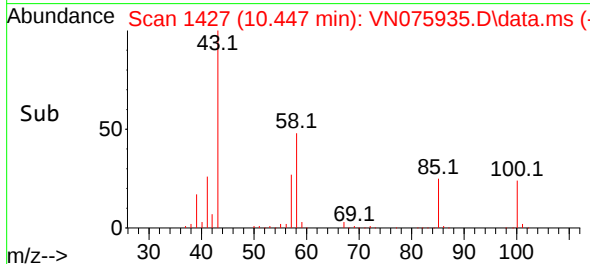
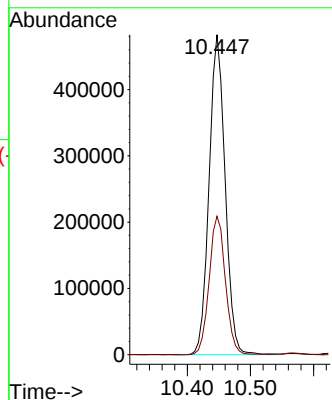
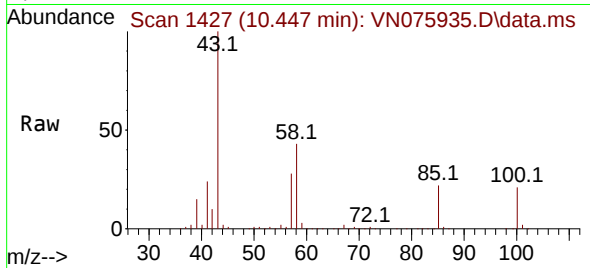
#51
4-Methyl-2-Pentanone
Concen: 261.345 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 849620
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

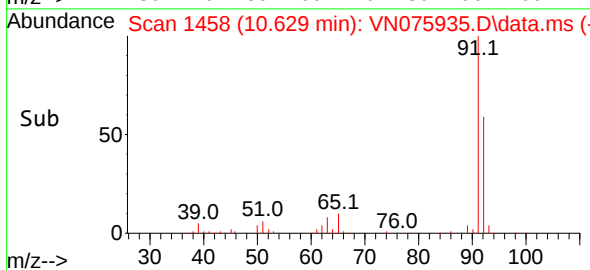
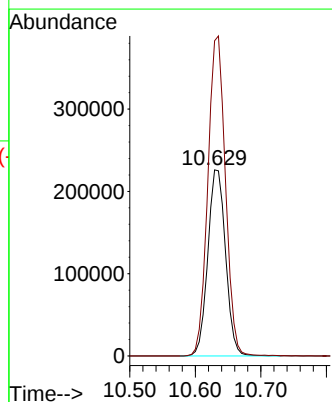
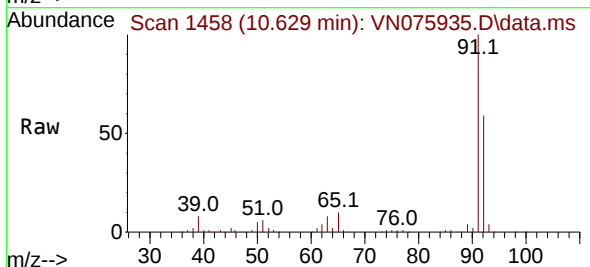
Manual Integrations
APPROVED

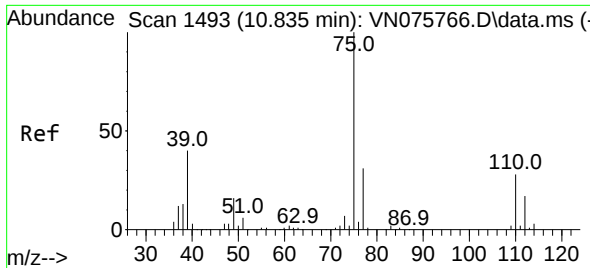
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#52
Toluene
Concen: 52.237 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 92 Resp: 425851
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9





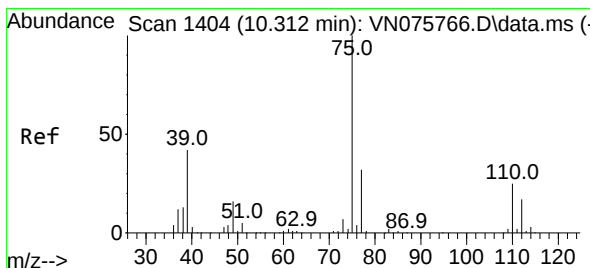
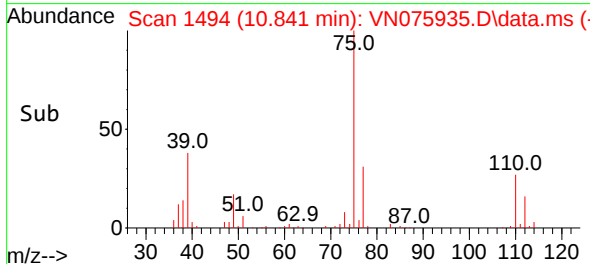
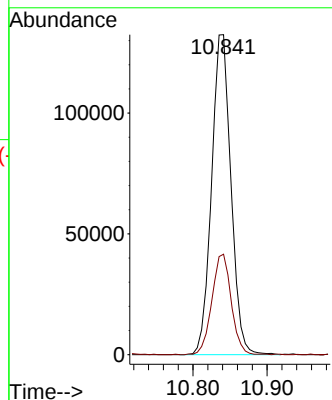
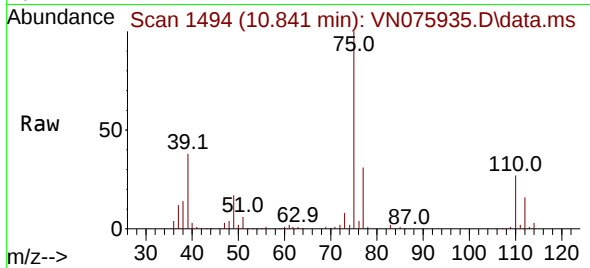
#53
t-1,3-Dichloropropene
Concen: 55.401 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24027
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3

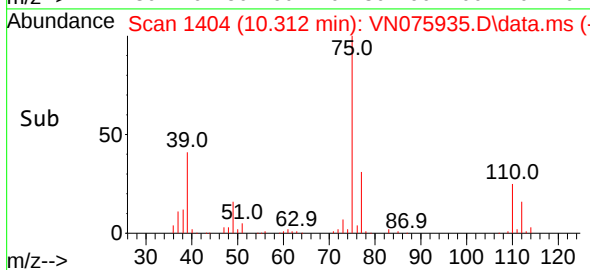
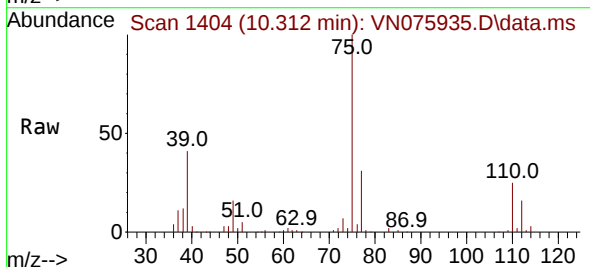
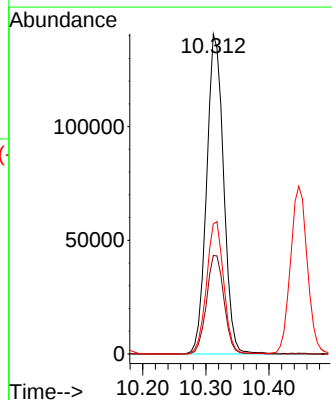
Manual Integrations
APPROVED

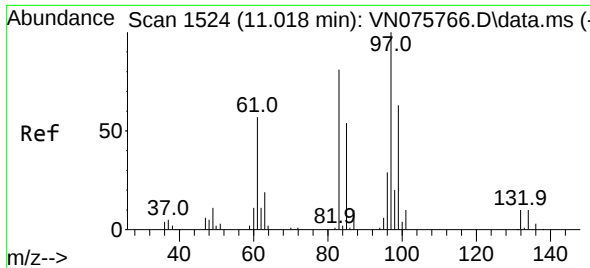
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#54
cis-1,3-Dichloropropene
Concen: 55.249 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

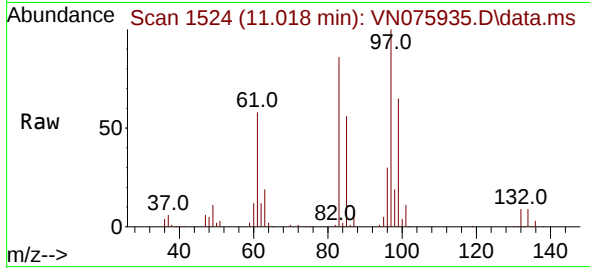
Tgt Ion: 75 Resp: 263083
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 40.6 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 51.912 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

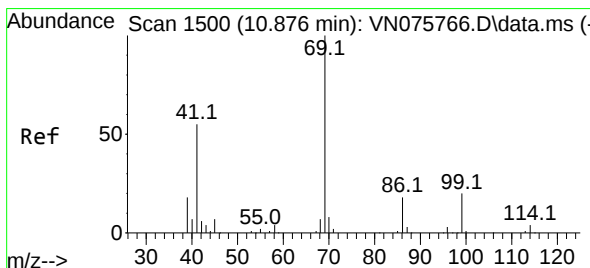
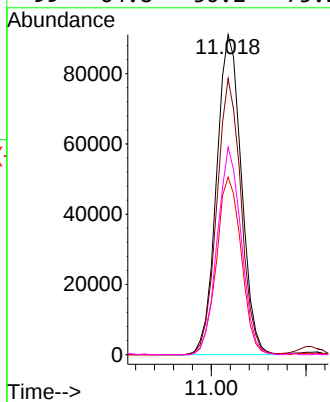
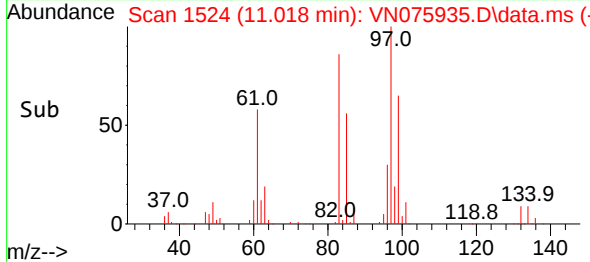
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



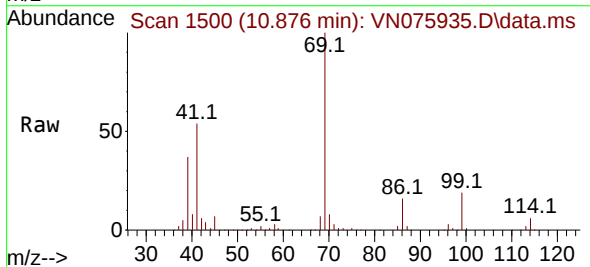
Tgt Ion: 97 Resp: 166110
Ion Ratio Lower Upper
97 100
83 86.3 65.0 97.4
85 55.5 43.0 64.6
99 64.8 50.2 75.2

Manual Integrations
APPROVED

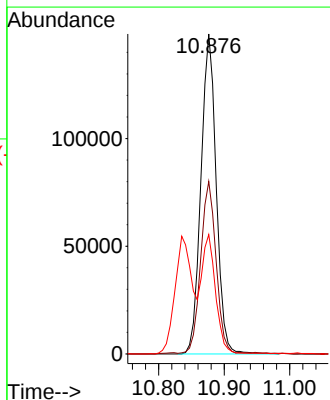
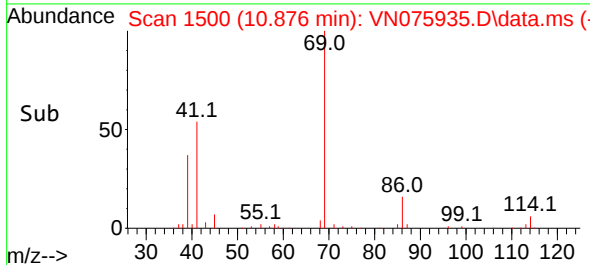
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

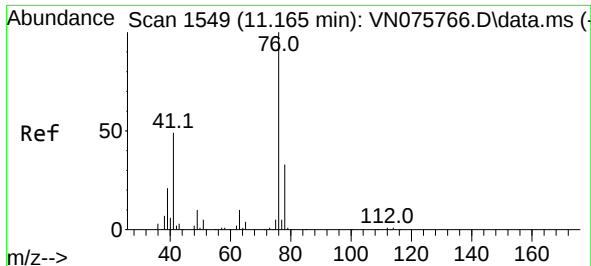


#56
Ethyl methacrylate
Concen: 56.702 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



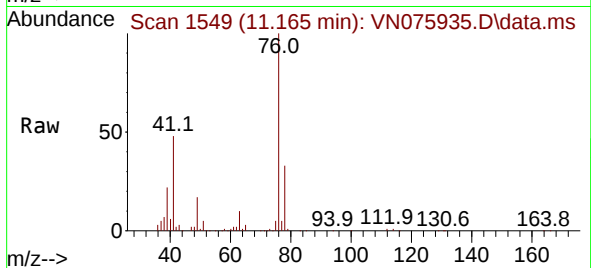
Tgt Ion: 69 Resp: 240998
Ion Ratio Lower Upper
69 100
41 53.9 44.2 66.4
39 33.4 26.4 39.6





#57
1,3-Dichloropropane
Concen: 51.384 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

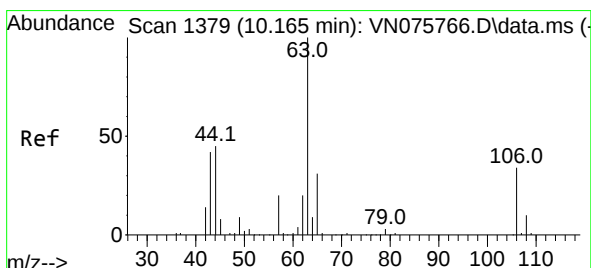
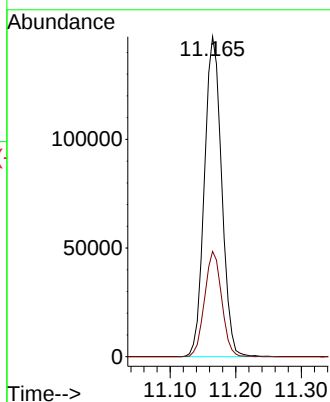
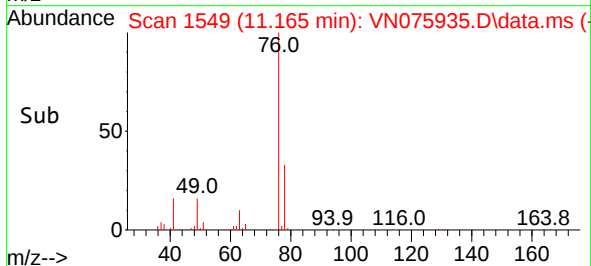
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



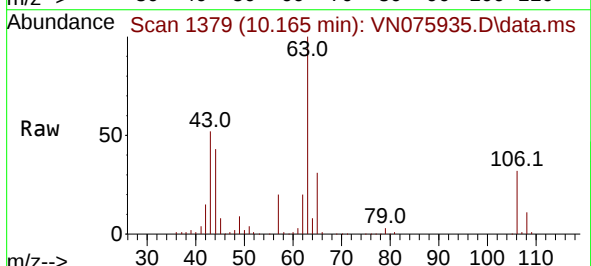
Tgt Ion: 76 Resp: 269690
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
APPROVED

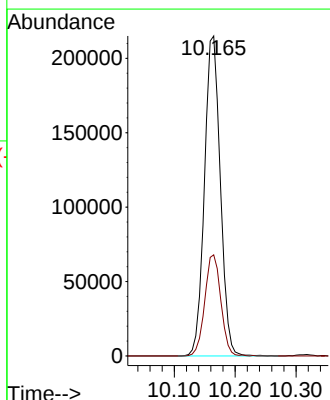
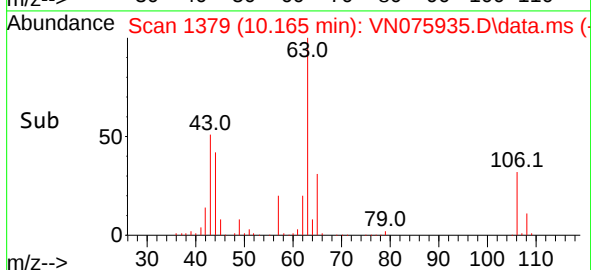
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

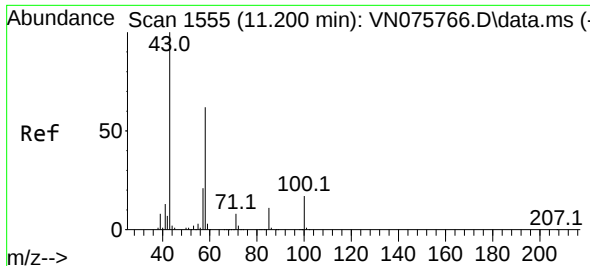


#58
2-Chloroethyl Vinyl ether
Concen: 287.847 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



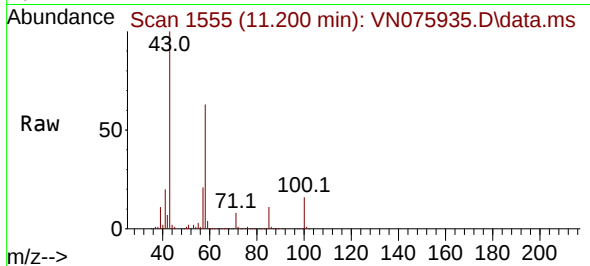
Tgt Ion: 63 Resp: 389513
Ion Ratio Lower Upper
63 100
106 32.0 26.4 39.6





#59
2-Hexanone
Concen: 270.566 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

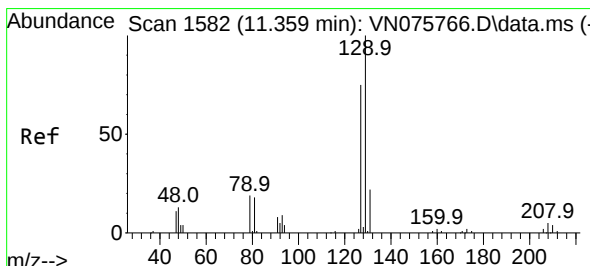
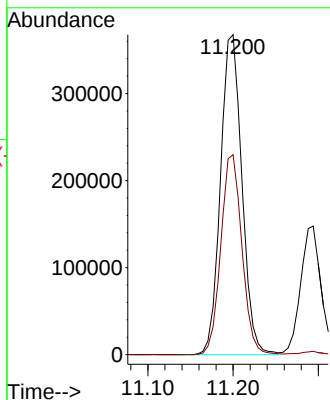
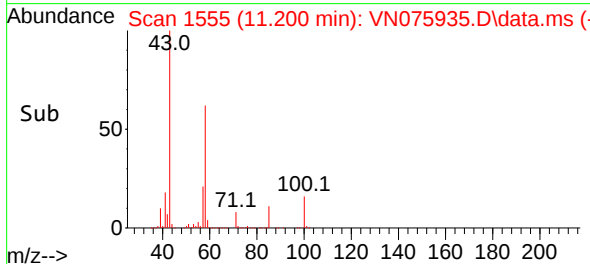
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



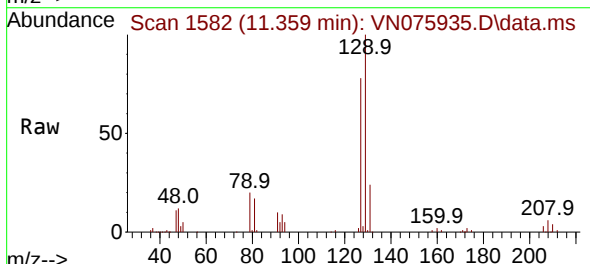
Tgt Ion: 43 Resp: 641468
Ion Ratio Lower Upper
43 100
58 61.6 30.6 92.0

Manual Integrations
APPROVED

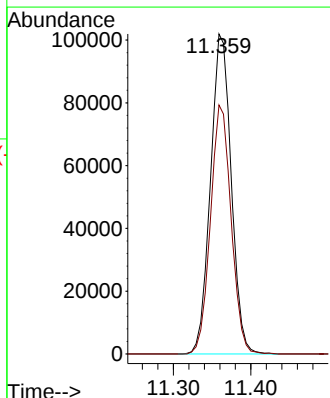
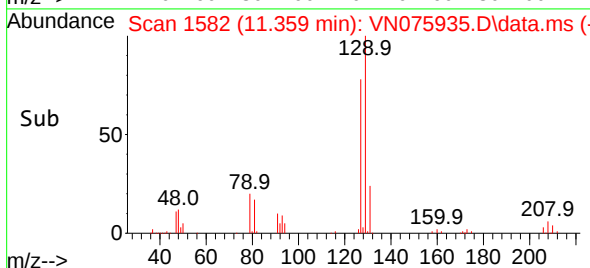
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

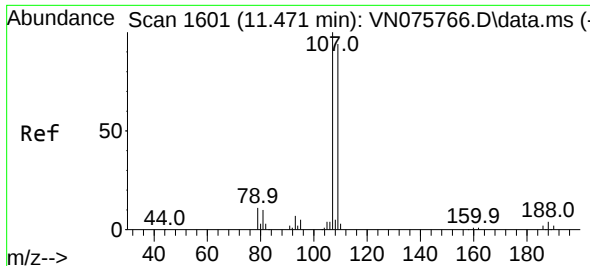


#60
Dibromochloromethane
Concen: 53.205 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



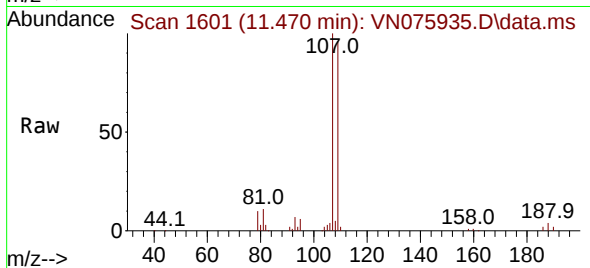
Tgt Ion:129 Resp: 189331
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.459 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

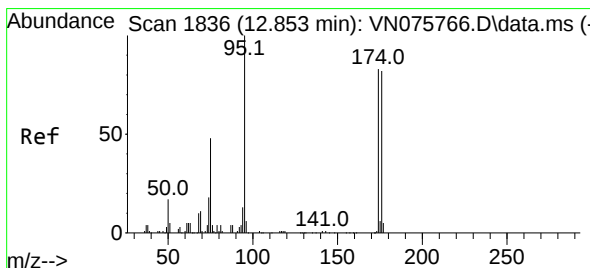
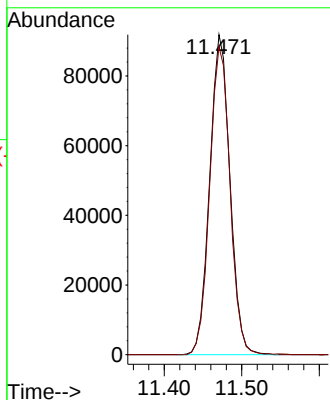
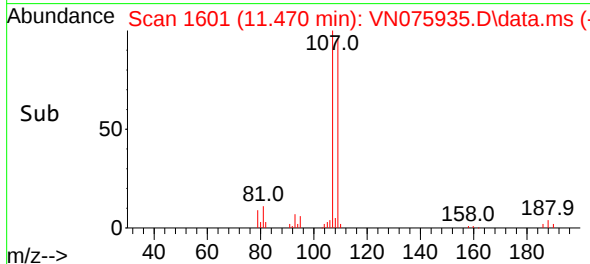
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 166632
Ion Ratio Lower Upper
107 100
109 96.7 74.8 112.2

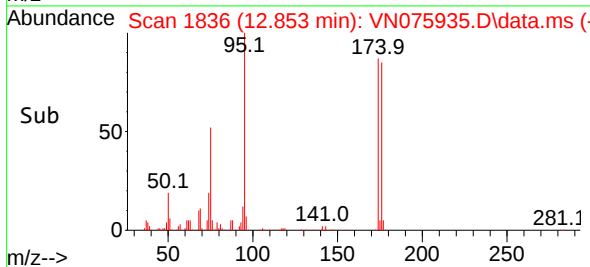
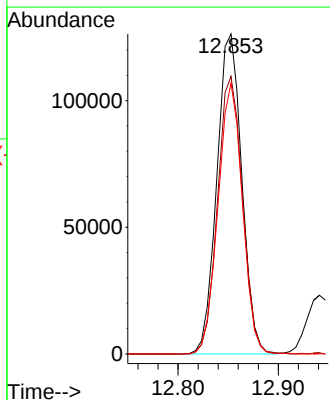
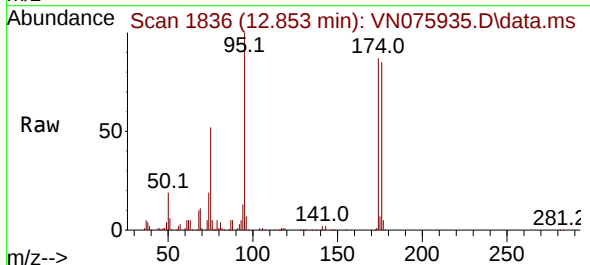
Manual Integrations
APPROVED

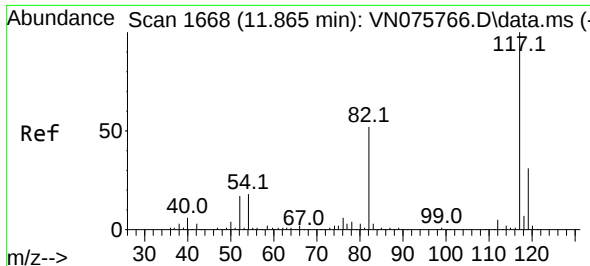
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#62
4-Bromofluorobenzene
Concen: 57.533 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

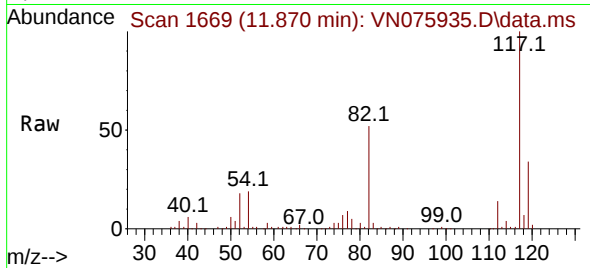
Tgt Ion: 95 Resp: 217595
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 82.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

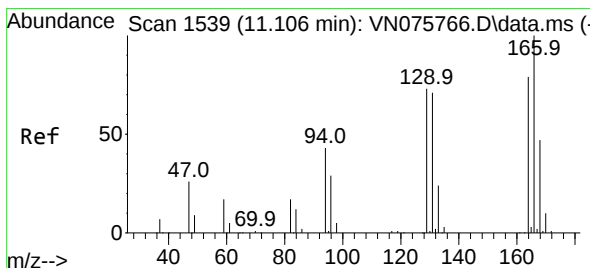
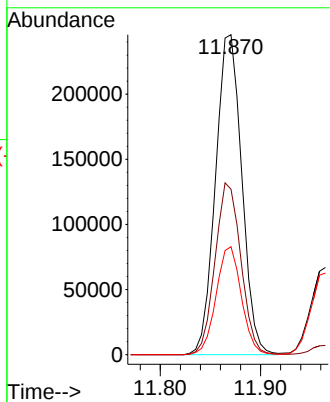
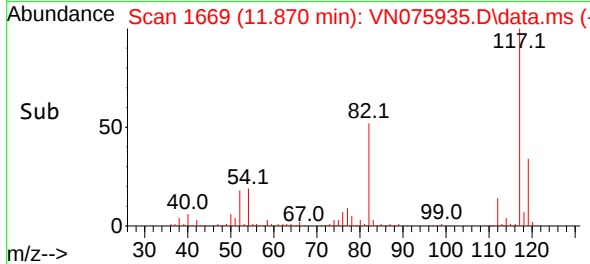
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 446485
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 33.7 24.6 37.0

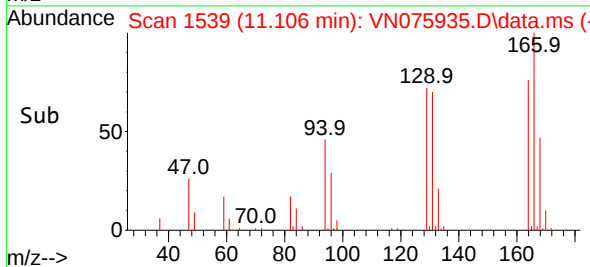
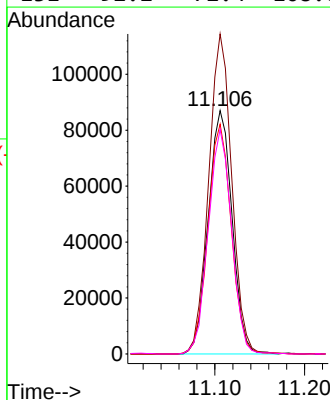
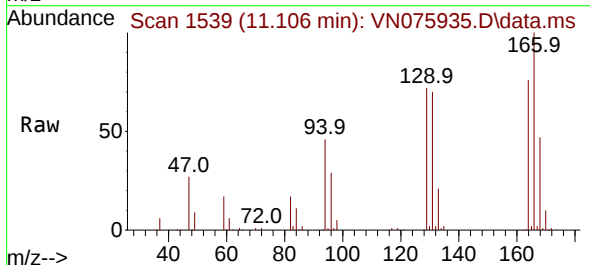
Manual Integrations
APPROVED

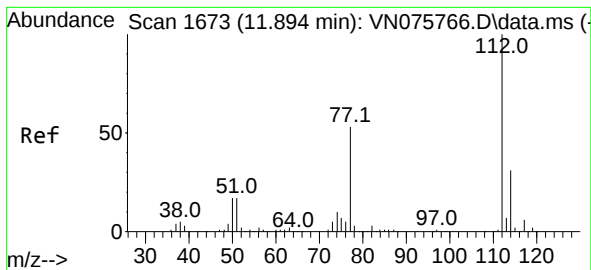
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#64
Tetrachloroethene
Concen: 51.276 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

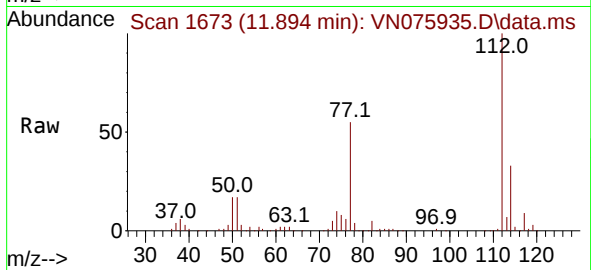
Tgt Ion:164 Resp: 161100
Ion Ratio Lower Upper
164 100
166 131.5 101.9 152.9
129 94.4 74.2 111.2
131 92.2 72.4 108.6





#65
Chlorobenzene
Concen: 50.207 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

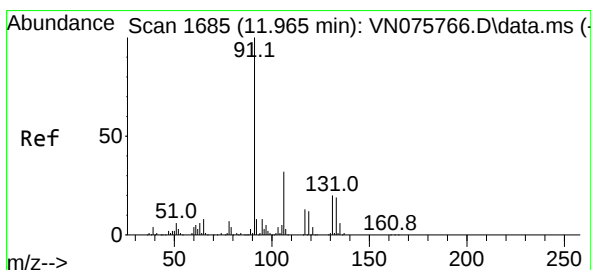
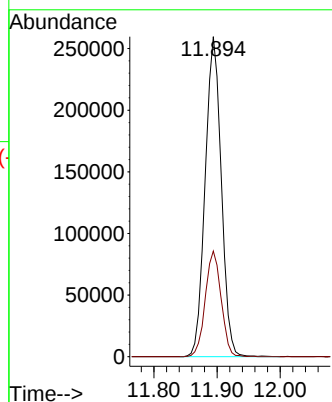
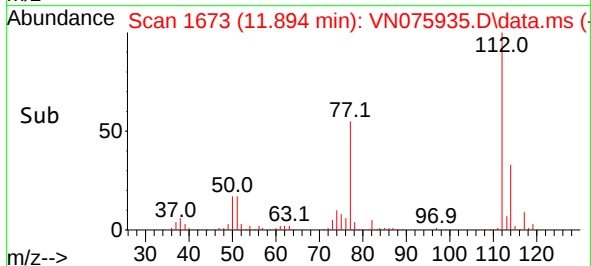
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



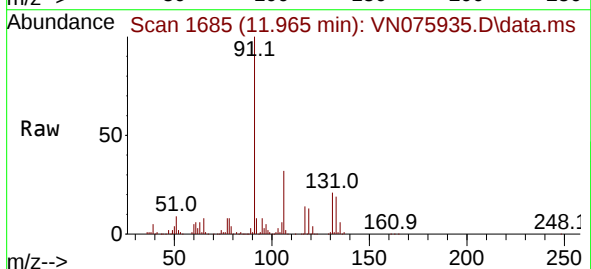
Tgt Ion:112 Resp: 460090
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1

Manual Integrations
APPROVED

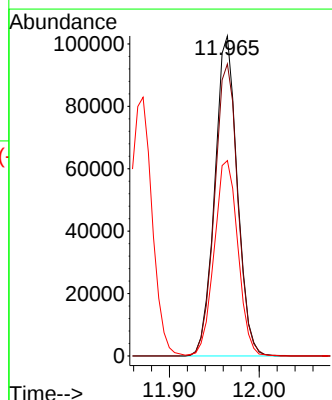
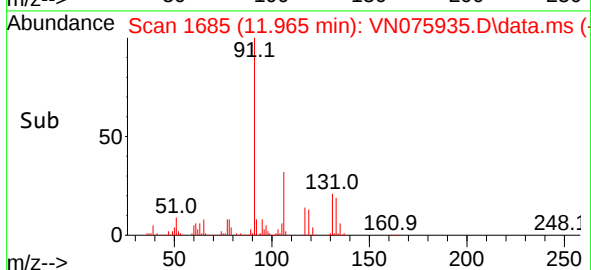
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

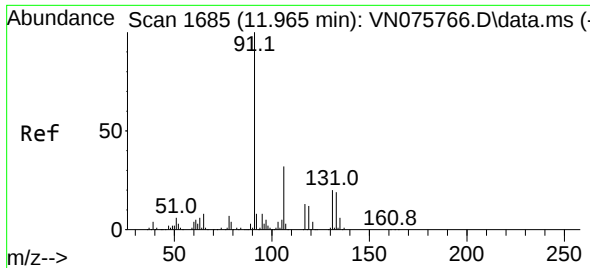


#66
1,1,1,2-Tetrachloroethane
Concen: 52.636 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



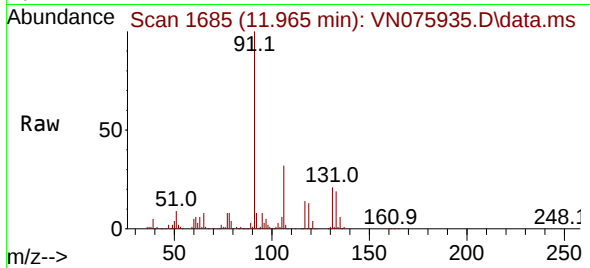
Tgt Ion:131 Resp: 178665
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 64.2 31.9 95.7





#67
Ethyl Benzene
Concen: 53.804 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

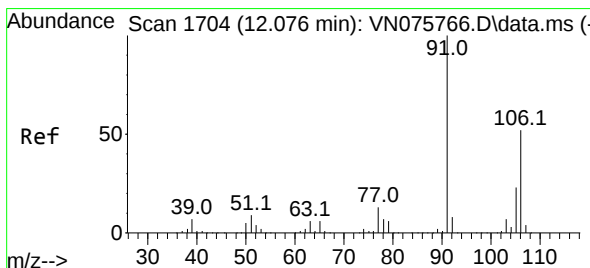
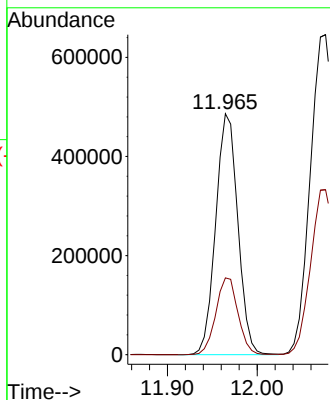
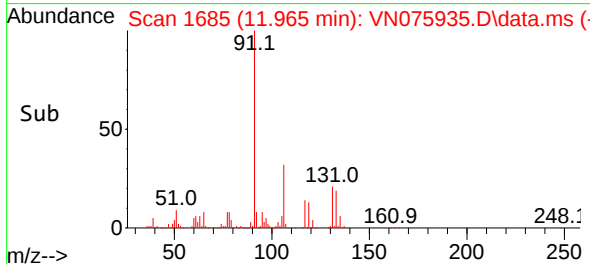
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



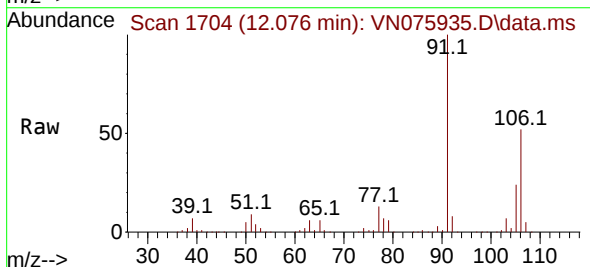
Tgt Ion: 91 Resp: 832164
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

Manual Integrations
APPROVED

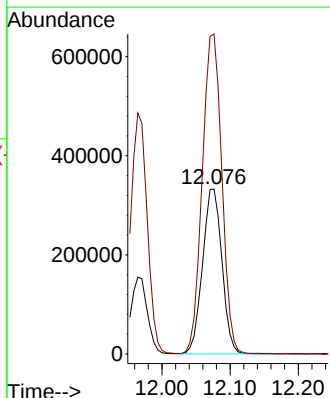
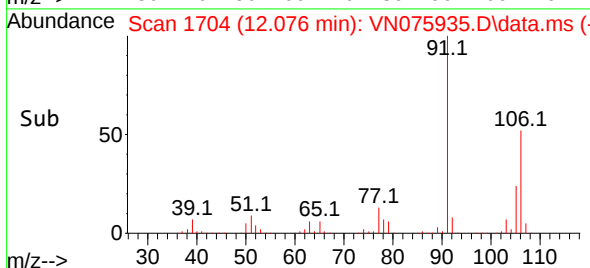
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

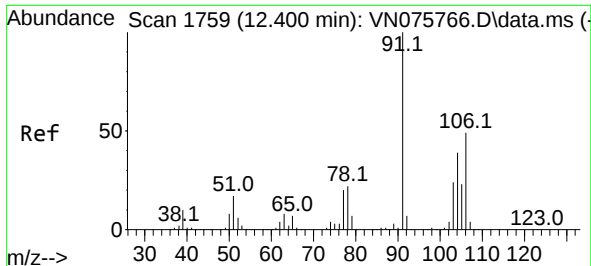


#68
m/p-Xylenes
Concen: 107.416 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion:106 Resp: 657562
Ion Ratio Lower Upper
106 100
91 196.4 156.6 235.0





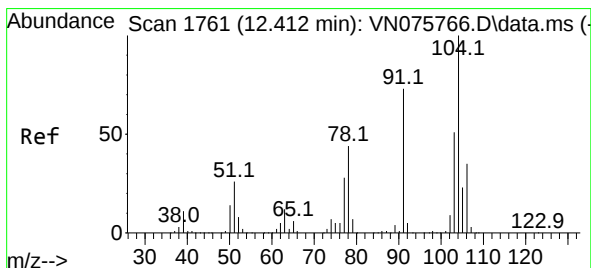
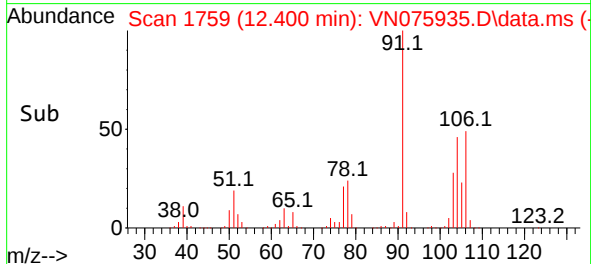
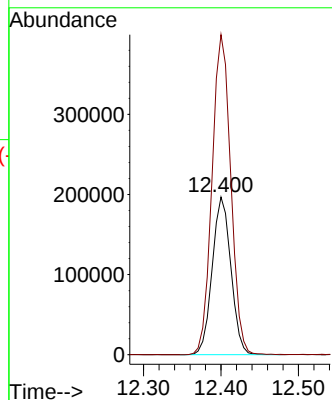
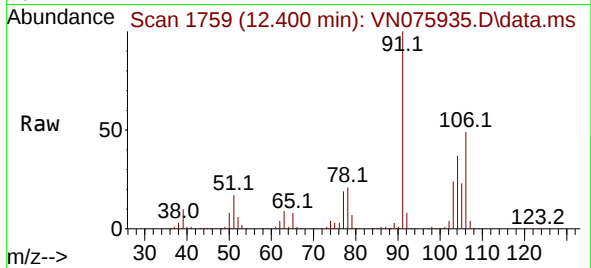
#69
o-Xylene
Concen: 54.331 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 32913
Ion Ratio Lower Upper
106 100
91 204.3 103.8 311.6

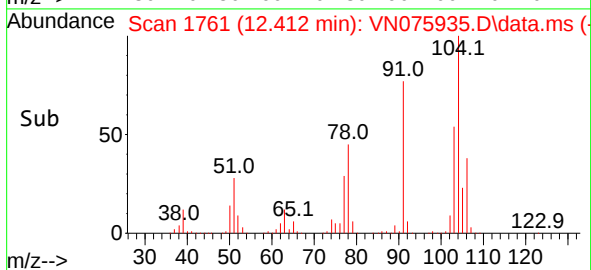
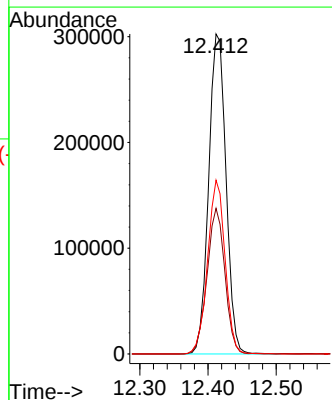
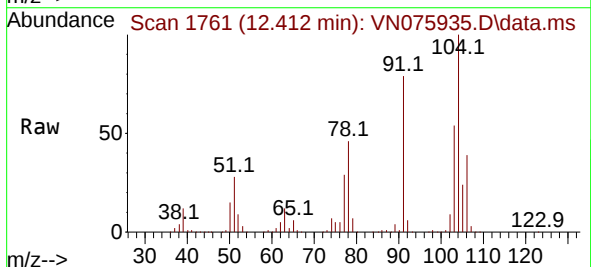
Manual Integrations
APPROVED

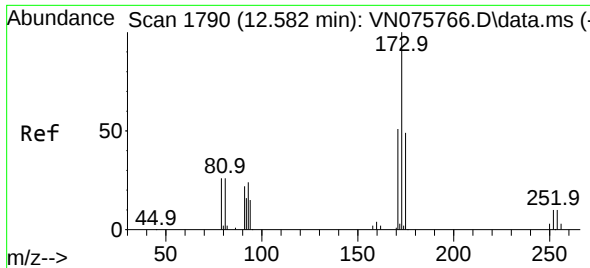
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
Styrene
Concen: 55.590 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

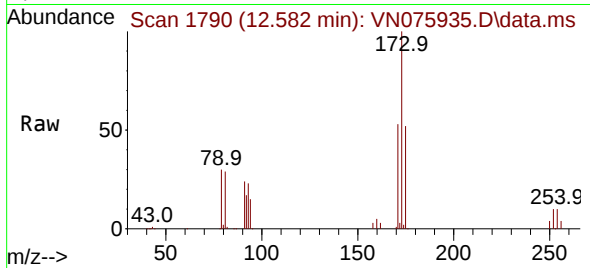
Tgt Ion:104 Resp: 535456
Ion Ratio Lower Upper
104 100
78 47.0 37.5 56.3
103 54.8 43.5 65.3





#71
Bromoform
Concen: 54.212 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

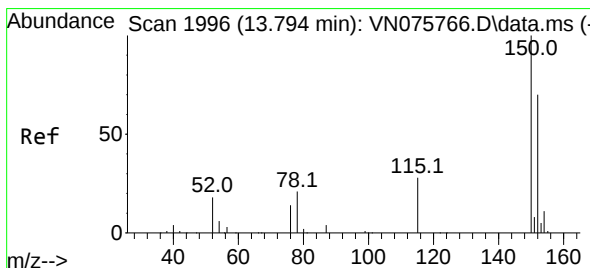
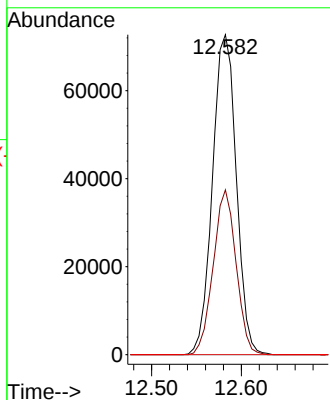
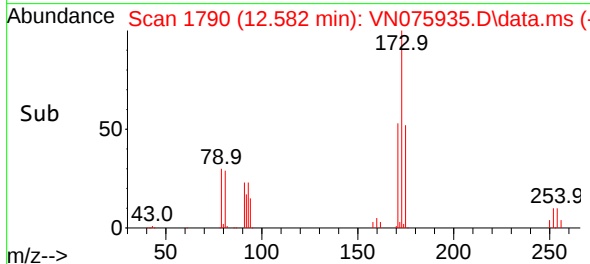
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



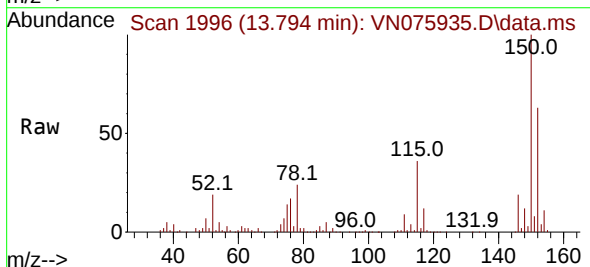
Tgt Ion:173 Resp: 133898
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

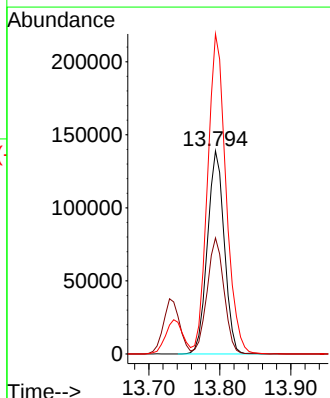
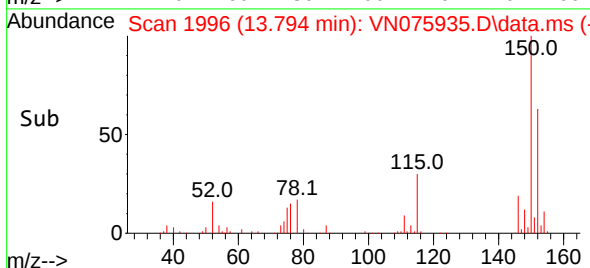
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

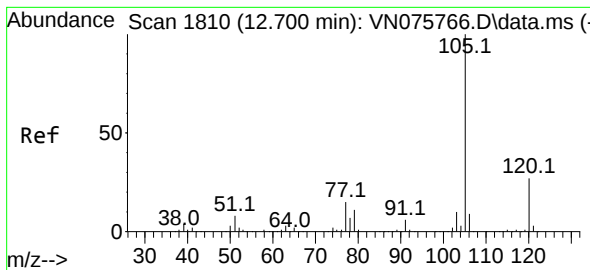


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion:152 Resp: 228933
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 171.9 0.0 347.0





#73

Isopropylbenzene

Concen: 51.782 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 85666

Ion Ratio Lower Upper

105 100

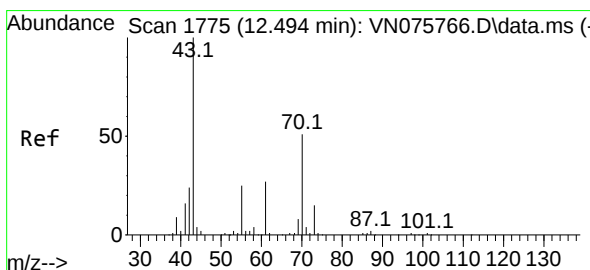
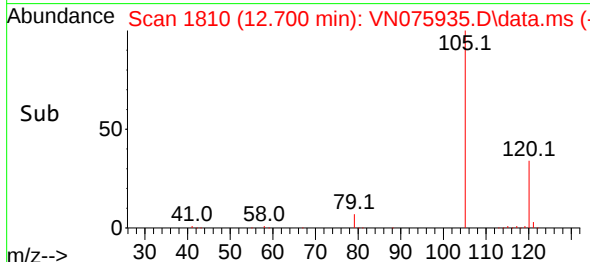
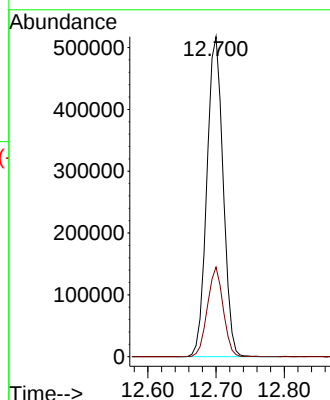
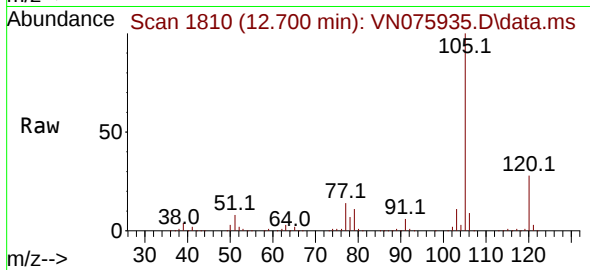
120 27.2 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#74

N-ethyl acetate

Concen: 51.618 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Tgt Ion: 43 Resp: 250520

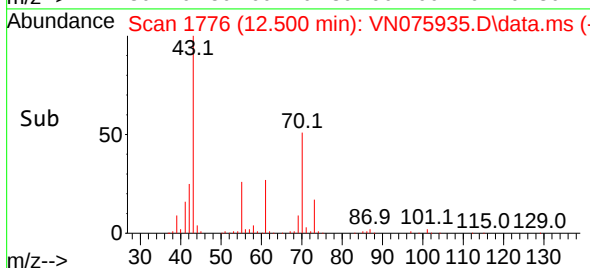
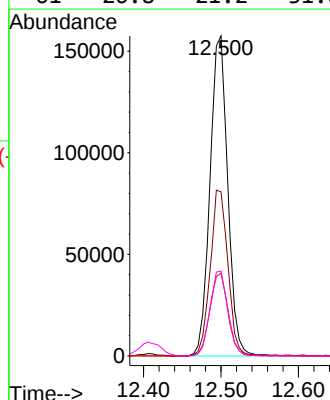
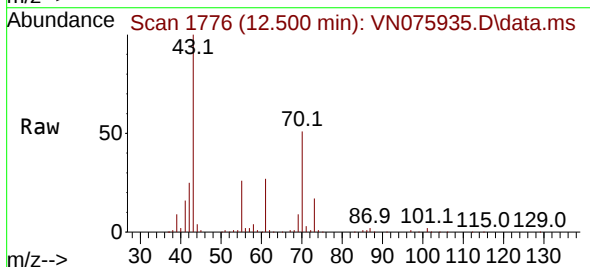
Ion Ratio Lower Upper

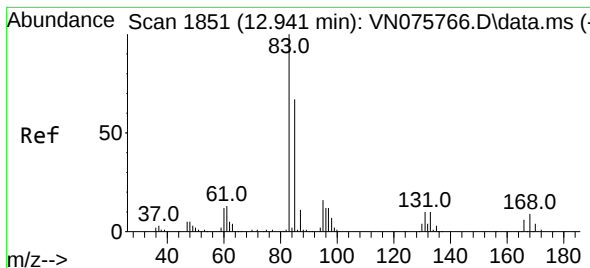
43 100

70 51.7 41.4 62.0

55 26.5 21.3 31.9

61 26.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.006 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23528

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

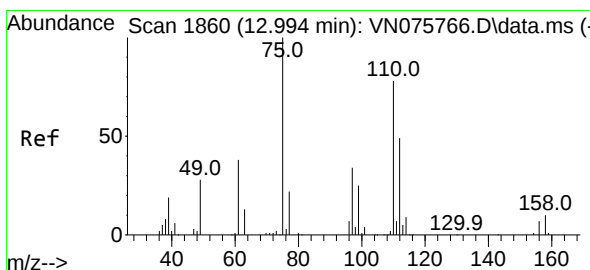
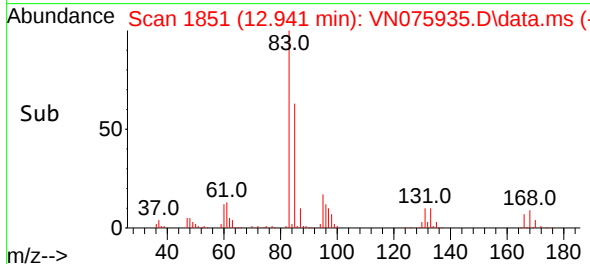
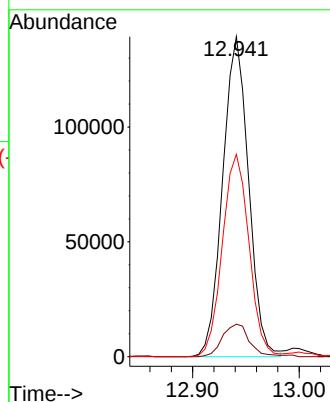
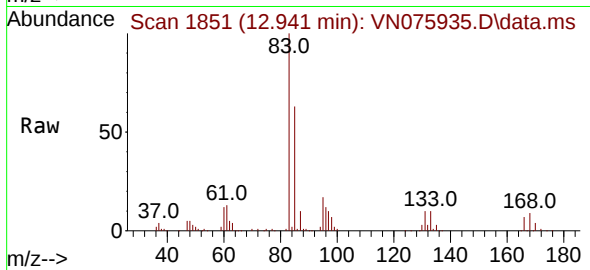
85 64.9 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#76

1,2,3-Trichloropropane

Concen: 37.414 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075935.D

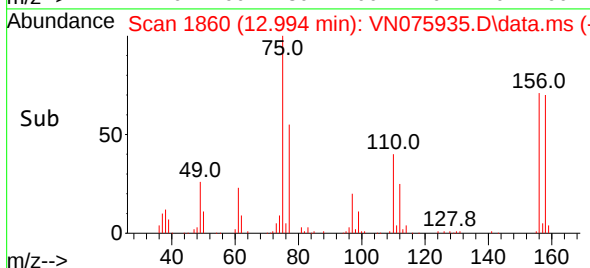
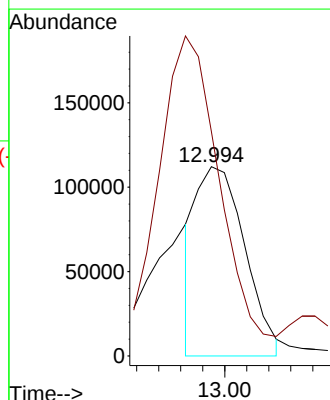
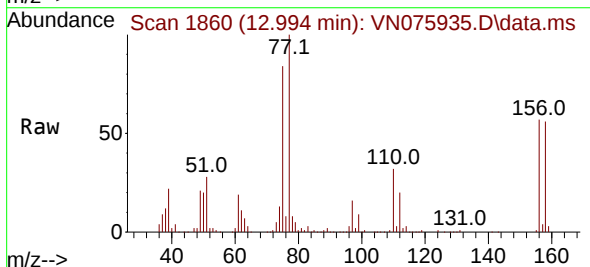
Acq: 22 Dec 2022 10:55

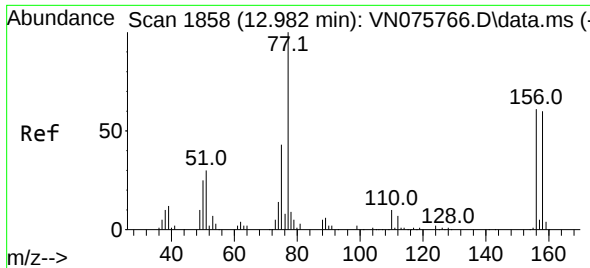
Tgt Ion: 75 Resp: 172657

Ion Ratio Lower Upper

75 100

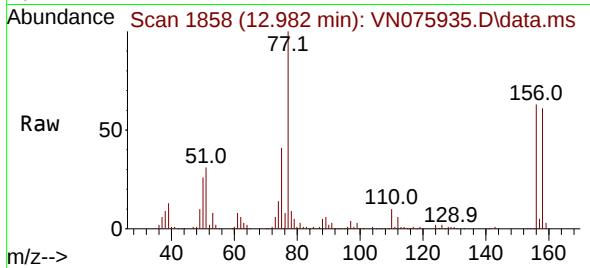
77 217.1 82.6 247.8





#77
Bromobenzene
Concen: 48.961 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

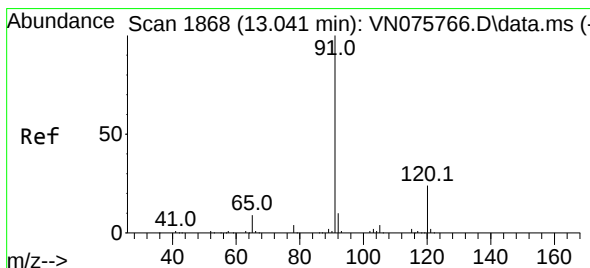
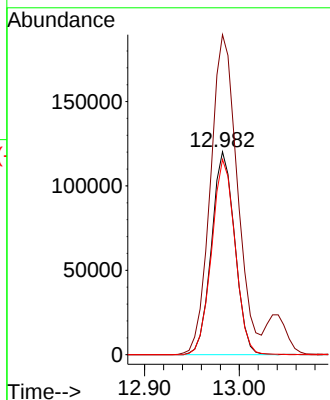
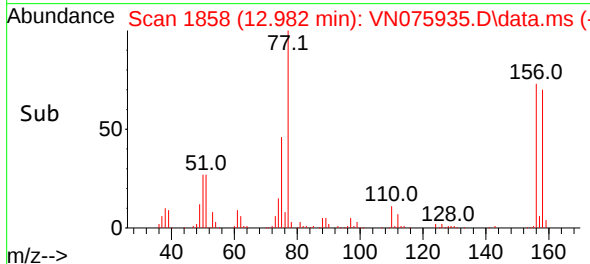
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 204992
Ion Ratio Lower Upper
156 100
77 182.8 93.8 281.3
158 97.1 48.9 146.6

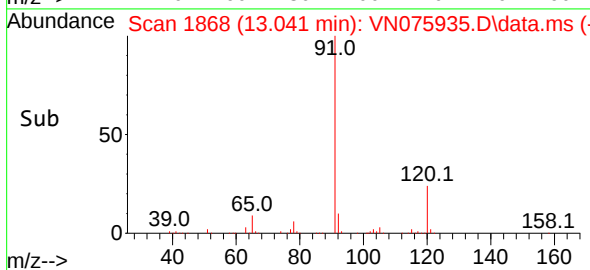
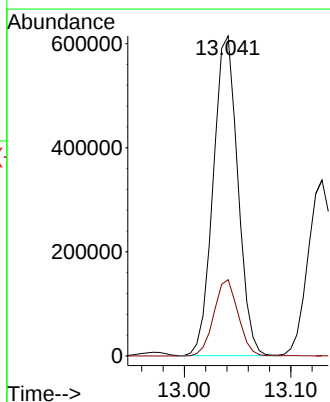
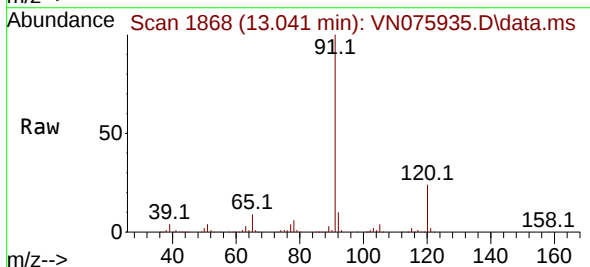
Manual Integrations
APPROVED

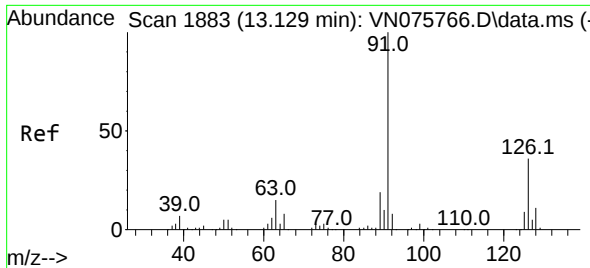
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#78
n-propylbenzene
Concen: 54.016 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Tgt Ion: 91 Resp: 985613
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1





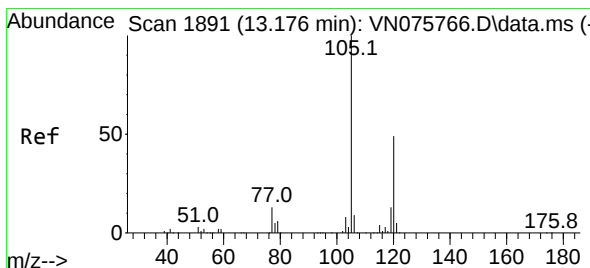
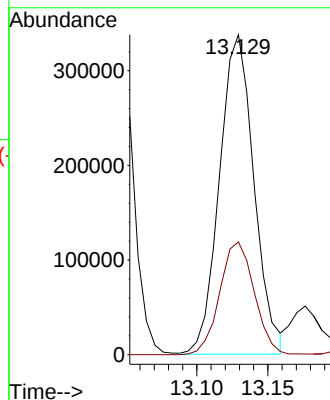
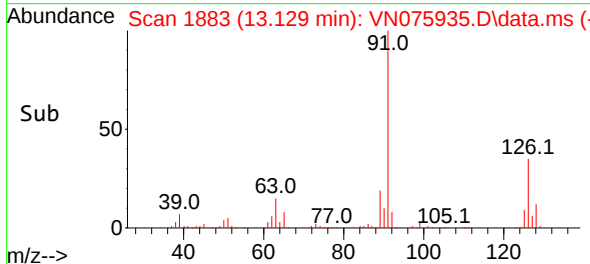
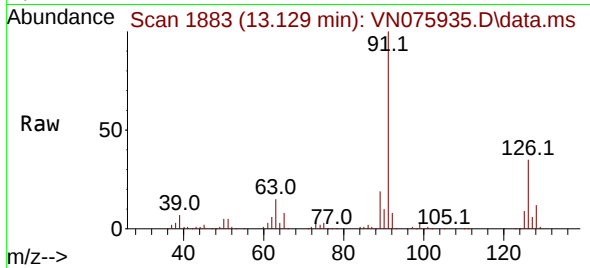
#79
2-Chlorotoluene
Concen: 50.079 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 570414
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

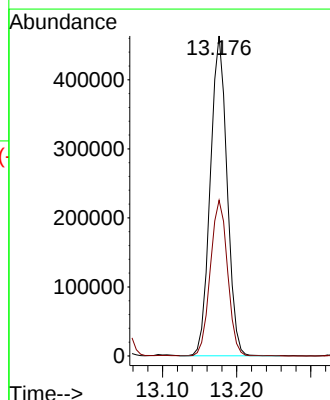
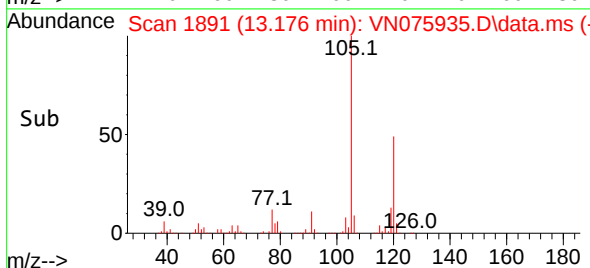
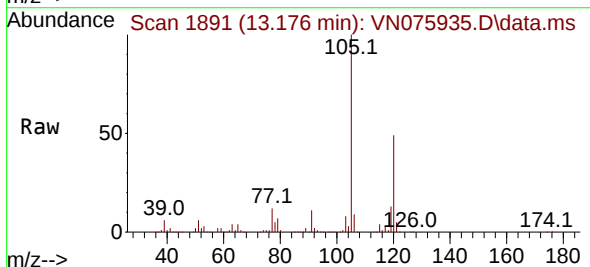
Manual Integrations
APPROVED

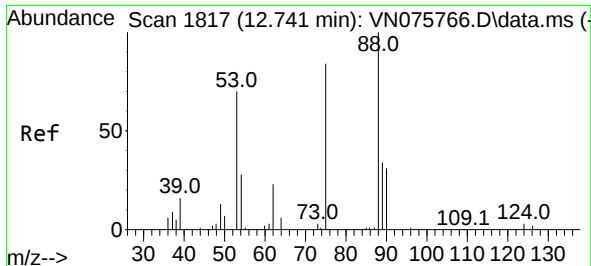
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.477 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

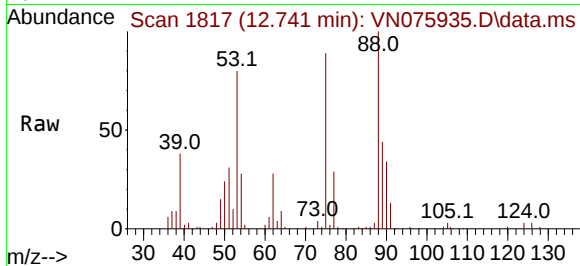
Tgt Ion:105 Resp: 726605
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.260 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

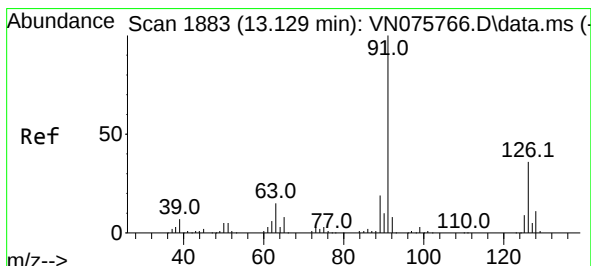
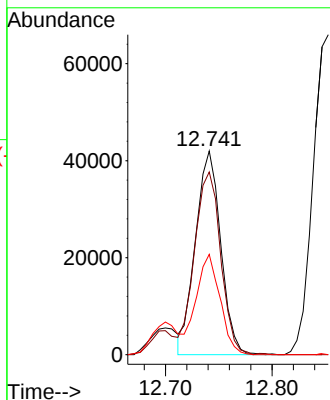
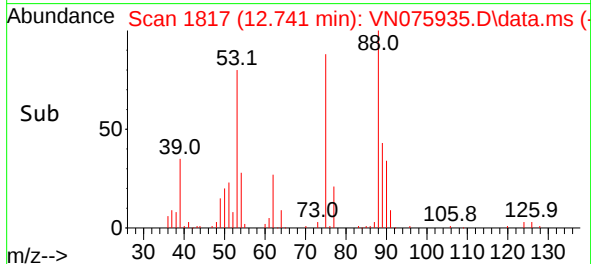
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



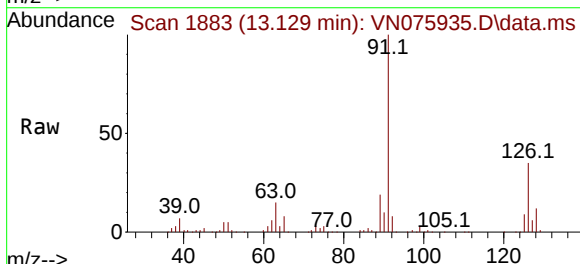
Tgt Ion: 75 Resp: 69564
Ion Ratio Lower Upper
75 100
53 92.9 73.8 110.6
89 45.8 39.5 59.3

Manual Integrations
APPROVED

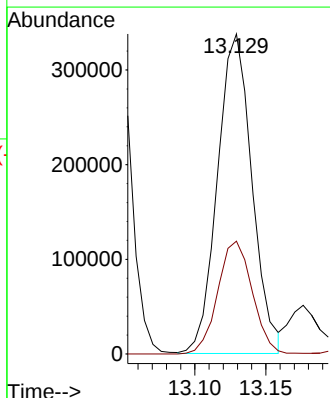
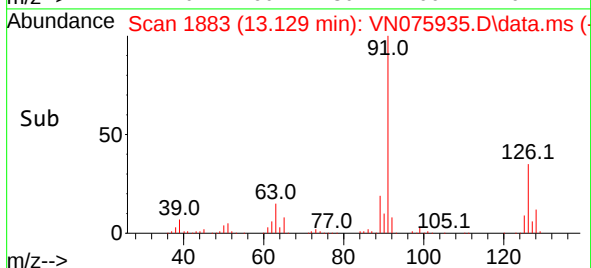
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

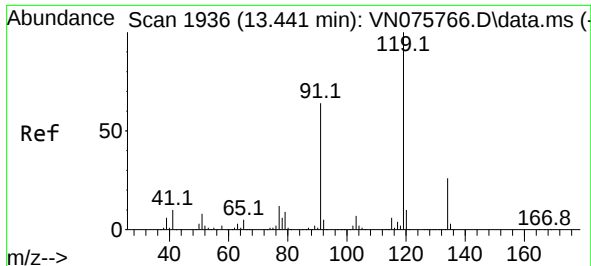


#82
4-Chlorotoluene
Concen: 50.079 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion: 91 Resp: 570414
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





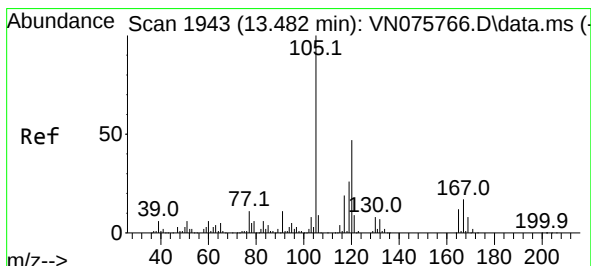
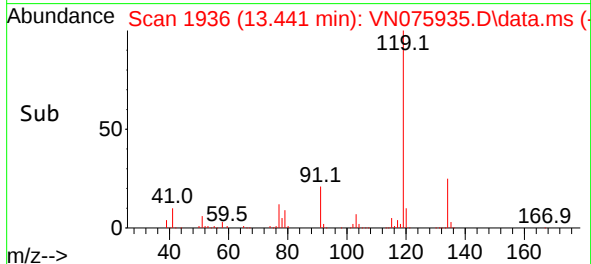
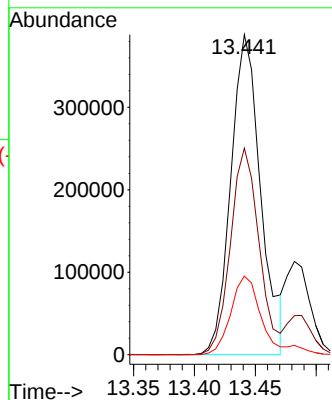
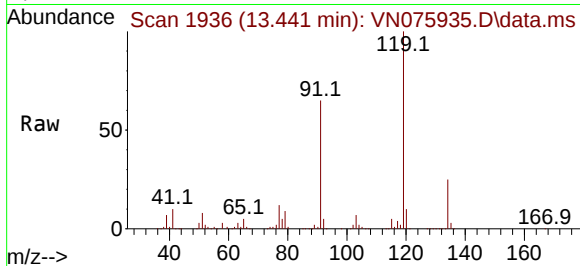
#83
tert-Butylbenzene
Concen: 54.254 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 662325
Ion Ratio Lower Upper
119 100
91 62.1 31.9 95.5
134 26.0 13.8 41.4

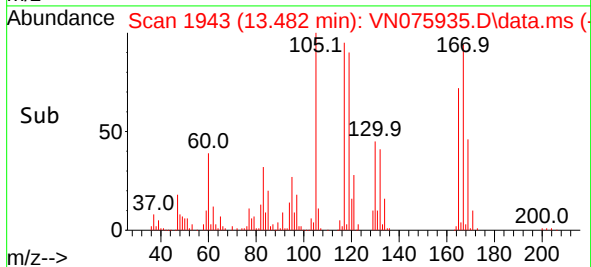
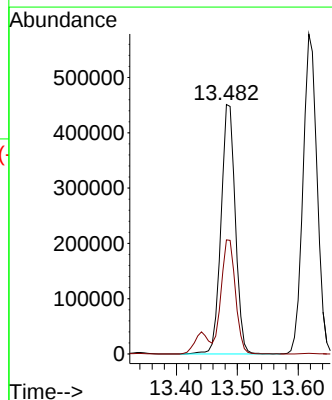
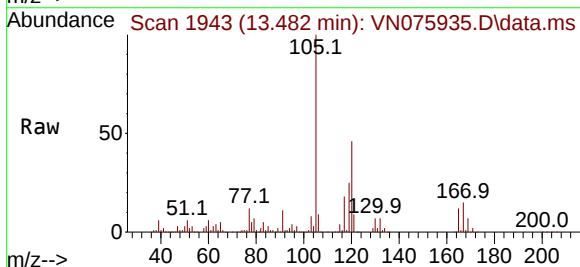
Manual Integrations
APPROVED

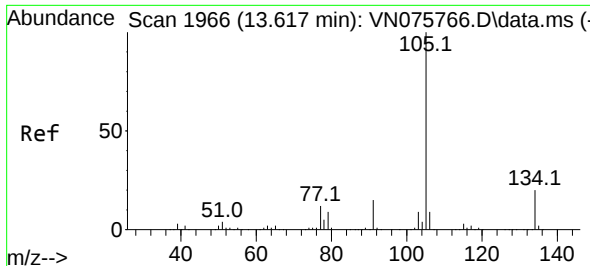
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.481 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

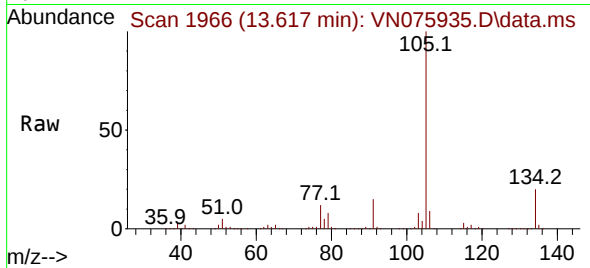
Tgt Ion:105 Resp: 734615
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 54.837 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075935.D
 Acq: 22 Dec 2022 10:55

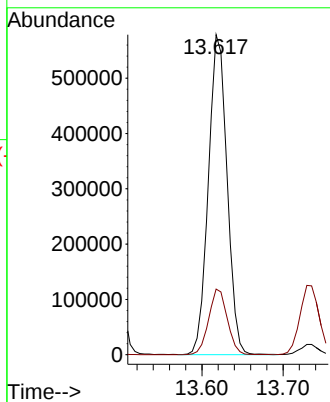
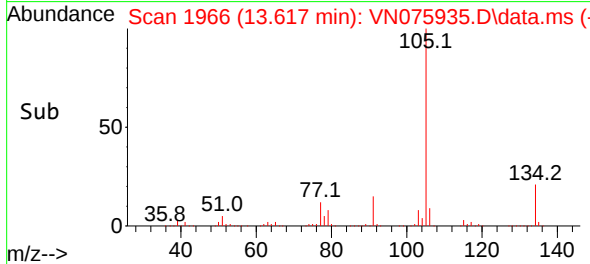
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



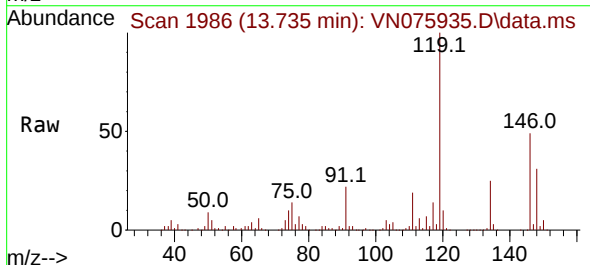
Tgt Ion:105 Resp: 92399
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
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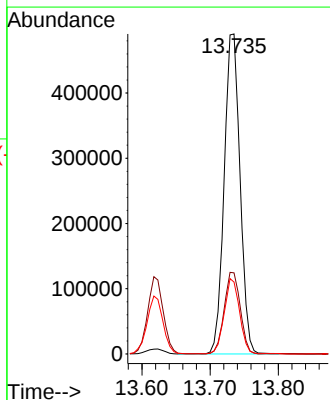
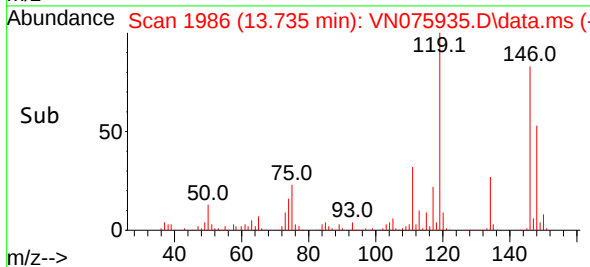
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

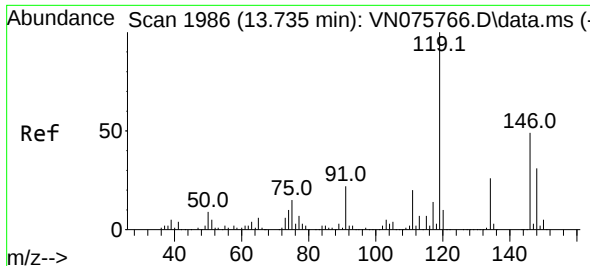


#86
 p-Isopropyltoluene
 Concen: 56.774 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075935.D
 Acq: 22 Dec 2022 10:55



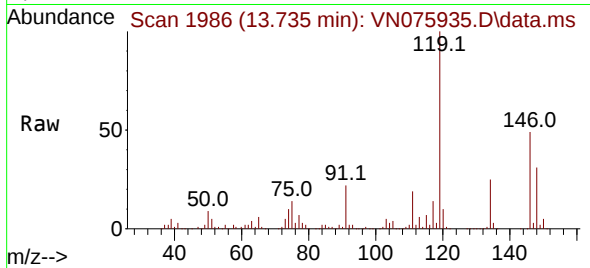
Tgt Ion:119 Resp: 796003
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.6 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 51.002 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

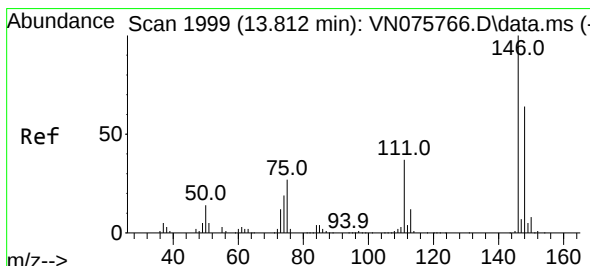
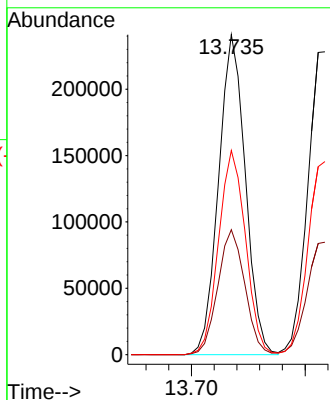
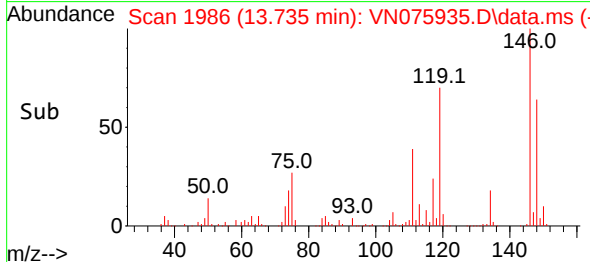
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



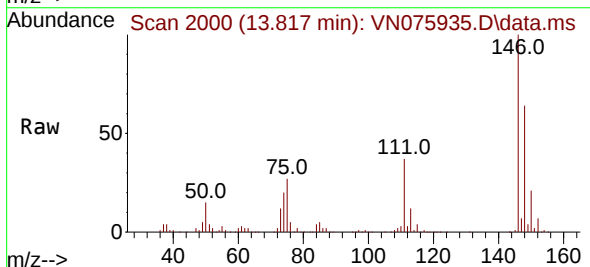
Tgt Ion:146 Resp: 394440
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 64.3 31.4 94.2

Manual Integrations
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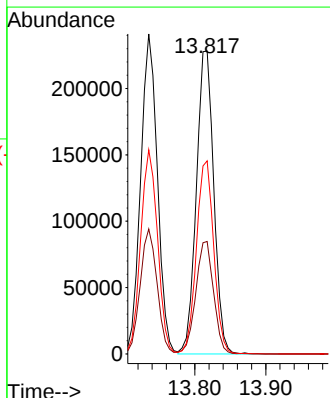
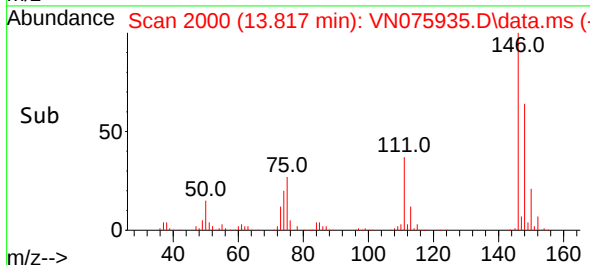
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

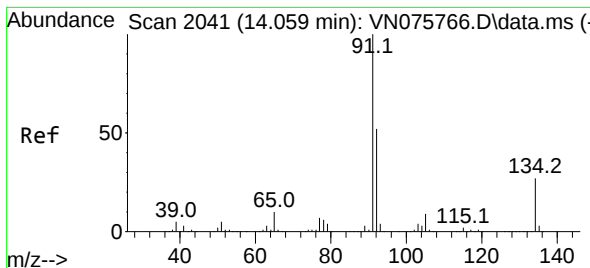


#88
1,4-Dichlorobenzene
Concen: 49.479 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion:146 Resp: 390919
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 63.6 32.0 96.2





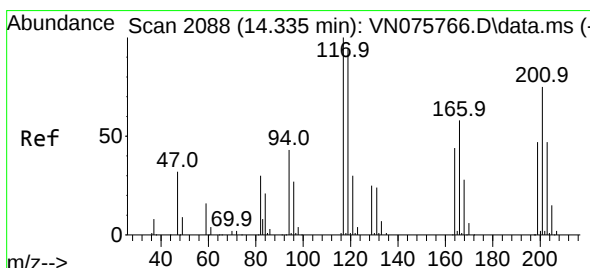
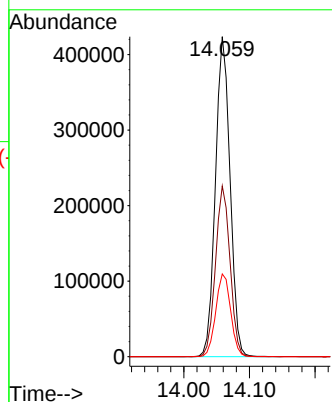
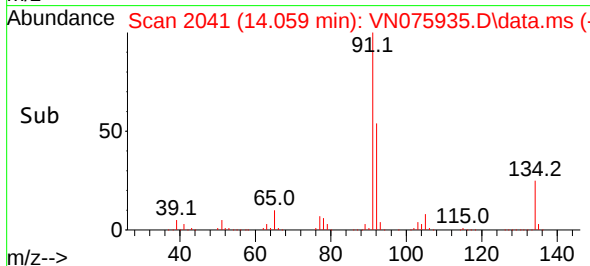
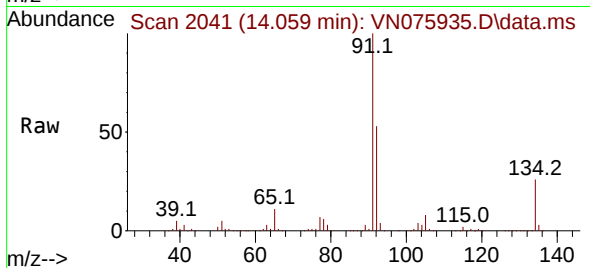
#89
n-Butylbenzene
Concen: 57.562 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 65381
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 26.4 13.4 40.2

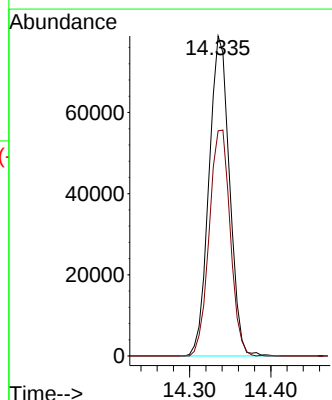
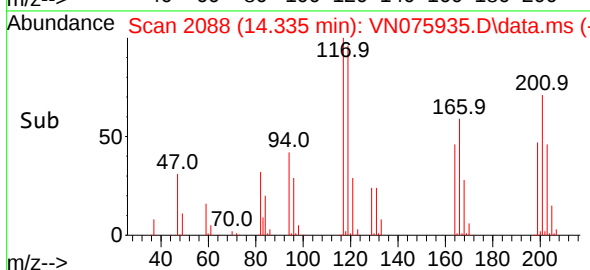
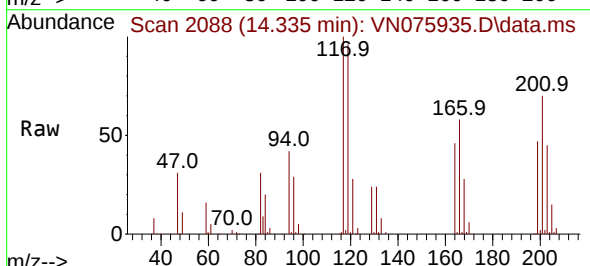
Manual Integrations
APPROVED

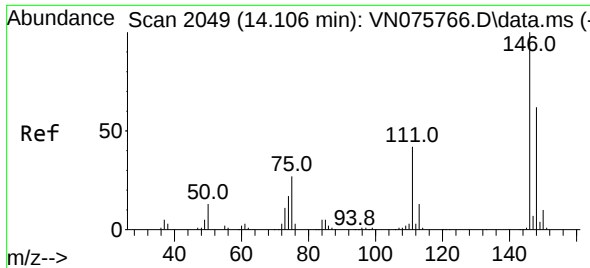
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#90
Hexachloroethane
Concen: 55.234 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

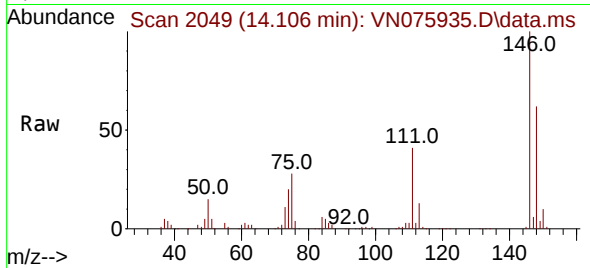
Tgt Ion:117 Resp: 138526
Ion Ratio Lower Upper
117 100
201 72.1 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 50.702 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55

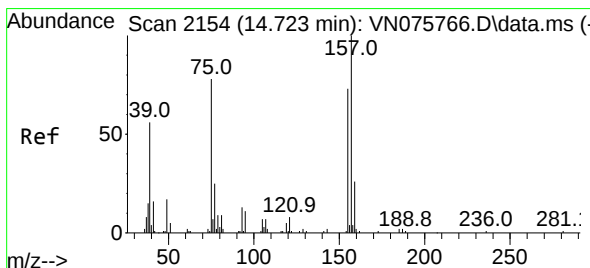
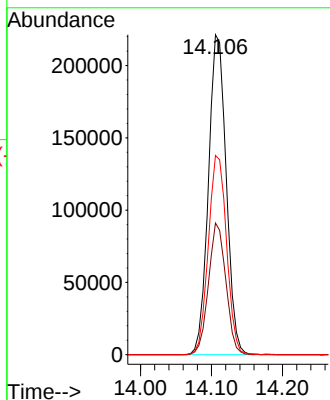
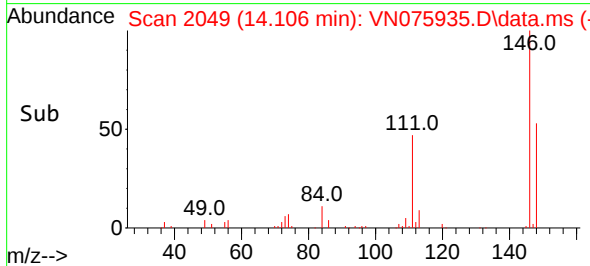
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



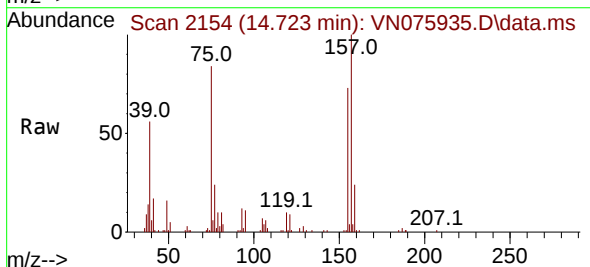
Tgt Ion:146 Resp: 386238
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 63.7 31.7 95.1

Manual Integrations
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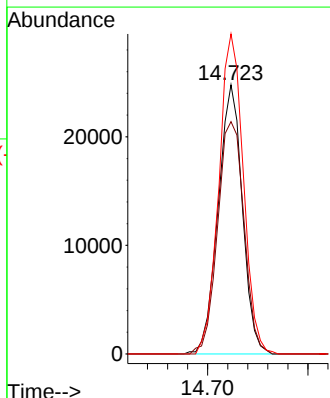
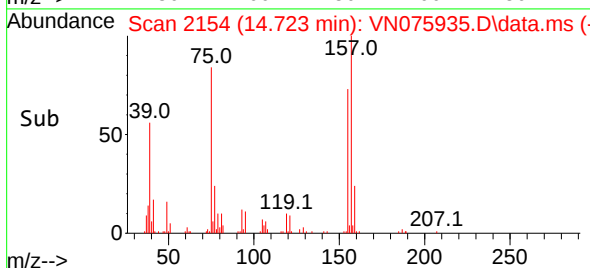
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

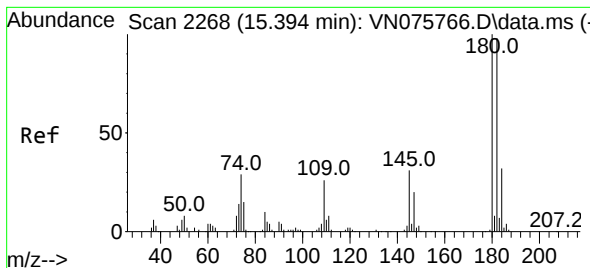


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.679 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075935.D
Acq: 22 Dec 2022 10:55



Tgt Ion: 75 Resp: 41453
Ion Ratio Lower Upper
75 100
155 93.8 49.3 147.8
157 120.2 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 52.689 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 19871

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

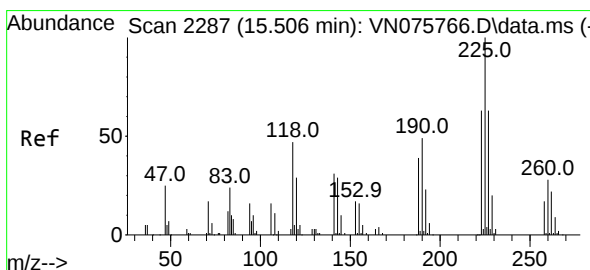
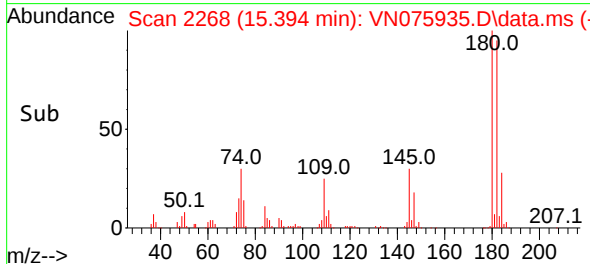
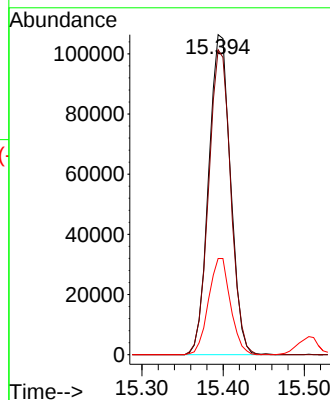
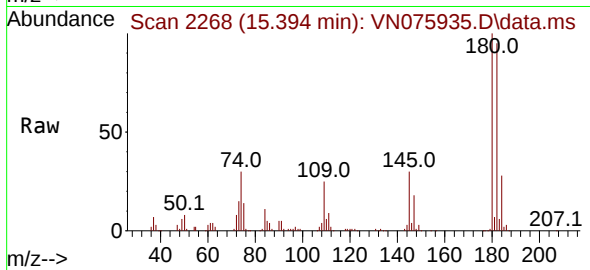
145 30.2 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#94

Hexachlorobutadiene

Concen: 51.288 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

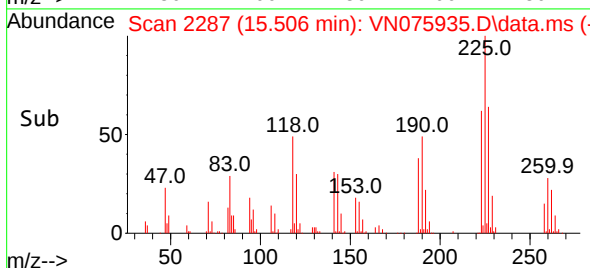
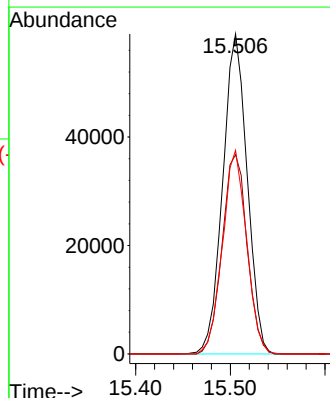
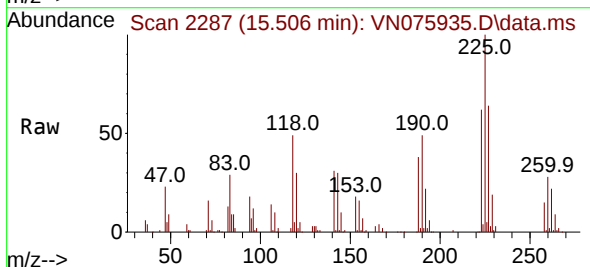
Tgt Ion:225 Resp: 105533

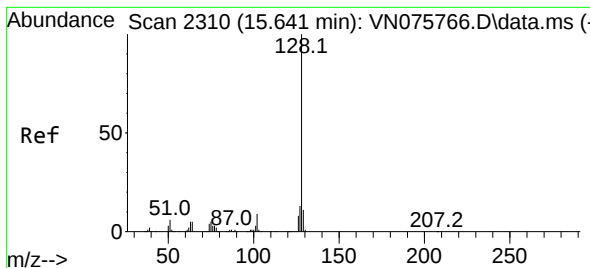
Ion Ratio Lower Upper

225 100

223 63.8 31.5 94.5

227 62.9 31.6 95.0





#95

Naphthalene

Concen: 44.440 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 550530

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

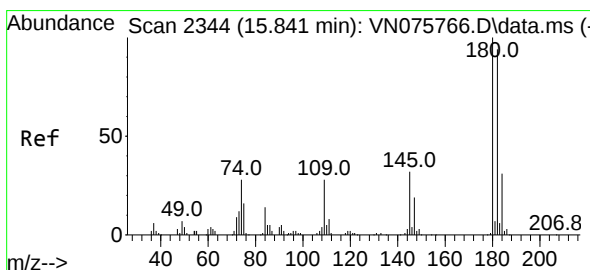
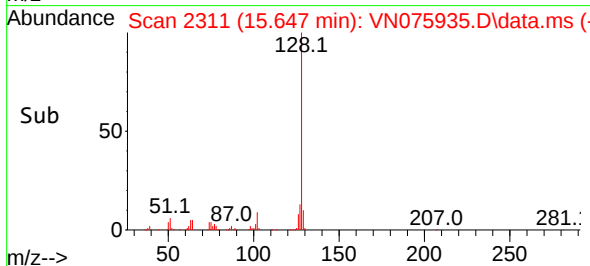
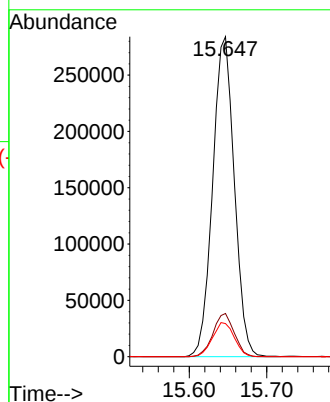
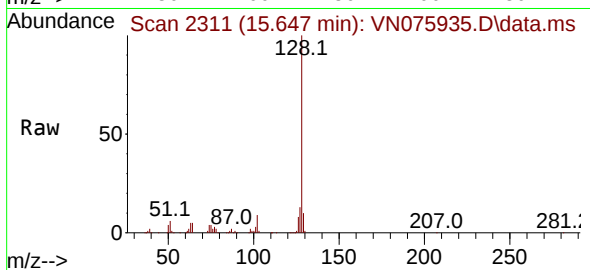
129 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.577 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075935.D

Acq: 22 Dec 2022 10:55

Tgt Ion:180 Resp: 188855

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 32.3 16.0 47.9

